

ALL TECHNOLOGIES REPORT

JANUARY 1,1987 -- DECEMBER 31, 2011



March 2012
U.S. PATENT AND TRADEMARK OFFICE
ELECTRONIC INFORMATION PRODUCTS DIVISION - PTMT
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A PATENT TECHNOLOGY MONITORING TEAM REPORT

All Technologies Report

1/1/1987 - 12/31/2011

Explanation of Data

This Patent Technology Monitoring Team (PTMT) report profiles utility patent activity (i.e., “patents for inventions”) for U.S. patents granted between **January 1987** and **December 2011** in all technology areas. The source of the data used for this report is the TAF database maintained by the U.S. Patent and Trademark Office.

Data Distribution By Date of Grant and By Date of Application

Parts A1 and A2

Part A1 distributes utility patent GRANT data by year of patent grant ("Patents Granted By Date of Patent Grant"). Part A2 distributes grant data by the year in which the patented applications were filed ("Patents Granted By Date of Patent Application"). Parts A1 and A2 each provide patent counts (pages A1-1 and A2-1) and percent distributions (pages A1-2 and A2-2).

Patent data, as shown in the "**Pre 1998**" column, correspond to the period **1987** through **1997**.

Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since **1987**. Data are presented by the year in which the patent was granted ("Patents By Year of Grant") and the year the patented application was filed ("Patents by Year of Application").

DATA FOR THOSE APPLICATIONS WHICH WERE FILED BUT NEVER ISSUED (ROUGHLY 35% OF TOTAL FILINGS) ARE NOT INCLUDED IN THIS REPORT.

Since the average time period between filing for a utility patent and the issuing of the patent (i.e., the patent's "pendency") is now about **34** months, the patented application data for applications filed in the most recent years are incomplete.* This is because the patents included in this report are limited to those **granted** during the specified time period. However, a significant number of the applications filed during the most recent years of this time period were still pending at the end of the period. While many of these applications eventually will be patented, they will not be patented until sometime following the end of the period displayed in this report.

Patented application data are of significant value since the date an application was filed more accurately reflects when the technology was developed. Additionally, fluctuations in data based on application date are much more likely to reflect changes in technological activity since, for the most part, such fluctuations would be immune from changes in U.S. Patent and Trademark Office (PTO) processing such as occurred in years such as in 1986 and 2005 when the PTO issued fewer patents than would have normally been expected because of administrative reasons. Note that a patent's "pendency" can be quite variable from one patent to another thereby affecting the date of patent grant. Such variation in pendency is determined by many factors, including PTO workload (which varies between technologies), budget and manpower levels, patent printing schedules, etc.

"Patents Granted By Date of Patent Application", as shown in the "**Pre 1998**" column, correspond to utility patent grants in the report that were filed prior to **1998**.

Parts of the Report

Parts A1 and A2 present tables which show, by number and percent, the patent activity in all technologies. Part A1 presents data by year of patent grant ("Patents Granted By Date of Patent Grant"). Part A2 redistributes grant data by year of patent application ("Patents Granted By Date of Patent Application"). The location of **patent origin is determined by the residence of the first-named inventor at the time of grant**.

Patent ownership information reflects ownership at the time of patent grant and does not include subsequent changes in ownership. If more than one assignee was declared at the time of grant, the patent is attributed to the first-named assignee. The U.S. and Foreign Corporation ownership categories count predominantly corporate patents; however, patents assigned to other organizations such as small businesses, nonprofit organizations, universities, etc. are also included in these categories. While U.S. Government patent ownership includes only patents granted to the Federal Government, no similar distinction is made for Foreign Government patents.

Note that for a patent, the country of origin may differ from the country of ownership. Therefore, **the sum of U.S. origin patents does not equal the sum of U.S. ownership category patents**.

Part B is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) that have received 1000 or more U.S. utility patents since **1987**. Data line 1 for each listed organization distributes counts of patent grants by year of grant. Data line 2 for each organization redistributes those same patent grants by year in which the patented applications were filed. Information regarding patent ownership reflects ownership at the time of patent grant. Although a substantial effort has been made to combine name variations into a single organizational name, many organizations continue to have patents listed under more than one organizational name.

* For example, in a report profiling utility patents granted through December 2011, patent grant data, as distributed by year of application are approximately 90% complete for utility patent applications filed in 2003, 82% complete for applications filed in 2004, 72% complete for applications filed in 2005, 61% complete for applications filed in 2006, 49% complete for applications filed in 2007, 34% complete for applications filed in 2008, and 17% complete for applications filed in 2009; data are essentially complete for applications filed prior to 2003.

Part A1

Patent Grants as Distributed By Year of Patent Grant

| Technology Assessment and Forecast Report | | | | | | | | | | | | | | | | |
|--------------------------------------------------------------------------------|----------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|---------|
| ALL TECHNOLOGIES (UTILITY PATENTS) REPORT | | | | | | | | | | | | | | | | |
| Page A1- 1 | | | | | | | | | | | | | | | | |
| Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1987 - Dec 31, 2011) | | | | | | | | | | | | | | | | |
| NUMBER OF PATENTS | | | | | | | | | | | | | | | | |
| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Total |
| Total | 1063799 | 147517 | 153485 | 157494 | 166035 | 167331 | 169023 | 164290 | 143806 | 173772 | 157282 | 157772 | 167349 | 219614 | 224505 | 3433074 |
| U.S. Origin | 572870 | 80289 | 83906 | 85068 | 87600 | 86971 | 87893 | 84270 | 74637 | 89823 | 79526 | 77502 | 82382 | 107792 | 108626 | 1789155 |
| Foreign Origin | 490929 | 67228 | 69579 | 72426 | 78435 | 80360 | 81130 | 80020 | 69169 | 83949 | 77756 | 80270 | 84967 | 111822 | 115879 | 1643919 |
| JAPAN | 228032 | 30840 | 31104 | 31295 | 33223 | 34858 | 35515 | 35348 | 30341 | 36807 | 33354 | 33682 | 35501 | 44813 | 46139 | 720852 |
| GERMANY | 80241 | 9095 | 9337 | 10235 | 11260 | 11280 | 11444 | 10779 | 9011 | 10005 | 9051 | 8914 | 9000 | 12363 | 11920 | 223935 |
| TAIWAN | 12237 | 3100 | 3693 | 4670 | 5371 | 5431 | 5298 | 5938 | 5118 | 6361 | 6128 | 6339 | 6642 | 8239 | 8781 | 93346 |
| KOREA, SOUTH | 7774 | 3259 | 3562 | 3314 | 3538 | 3786 | 3944 | 4428 | 4352 | 5908 | 6295 | 7548 | 8762 | 11671 | 12262 | 90403 |
| FRANCE | 31855 | 3674 | 3820 | 3819 | 4041 | 4035 | 3868 | 3380 | 2866 | 3431 | 3130 | 3163 | 3140 | 4450 | 4531 | 83203 |
| UNITED KINGDOM | 28617 | 3464 | 3570 | 3662 | 3961 | 3831 | 3622 | 3443 | 3142 | 3581 | 3292 | 3087 | 3174 | 4302 | 4307 | 79055 |
| CANADA | 21570 | 2973 | 3226 | 3419 | 3606 | 3431 | 3427 | 3374 | 2894 | 3572 | 3318 | 3393 | 3655 | 4852 | 5012 | 71722 |
| ITALY | 13312 | 1584 | 1492 | 1714 | 1709 | 1751 | 1722 | 1584 | 1296 | 1480 | 1302 | 1357 | 1346 | 1798 | 1885 | 35332 |
| SWITZERLAND | 13351 | 1279 | 1279 | 1322 | 1420 | 1364 | 1308 | 1277 | 995 | 1201 | 1035 | 1112 | 1208 | 1608 | 1663 | 31422 |
| NETHERLANDS | 9652 | 1226 | 1247 | 1241 | 1332 | 1391 | 1325 | 1273 | 993 | 1323 | 1250 | 1330 | 1288 | 1614 | 1743 | 28228 |
| SWEDEN | 8541 | 1225 | 1401 | 1577 | 1741 | 1675 | 1521 | 1290 | 1123 | 1243 | 1061 | 1060 | 1014 | 1434 | 1711 | 27617 |
| AUSTRALIA | 4863 | 720 | 707 | 705 | 876 | 859 | 902 | 953 | 910 | 1325 | 1265 | 1291 | 1221 | 1748 | 1919 | 20264 |
| ISRAEL | 3812 | 754 | 743 | 783 | 970 | 1040 | 1193 | 1028 | 924 | 1218 | 1107 | 1166 | 1404 | 1819 | 1981 | 19942 |
| FINLAND | 3592 | 595 | 649 | 618 | 732 | 809 | 865 | 918 | 720 | 950 | 850 | 824 | 864 | 1143 | 951 | 15080 |
| BELGIUM | 4020 | 693 | 648 | 694 | 718 | 722 | 622 | 612 | 519 | 625 | 520 | 510 | 594 | 820 | 802 | 13119 |
| CHINA, PEOPLE'S REPUB | 531 | 72 | 90 | 119 | 195 | 289 | 297 | 403 | 402 | 661 | 772 | 1225 | 1655 | 2657 | 3174 | 12542 |
| AUSTRIA | 3883 | 387 | 479 | 505 | 589 | 530 | 592 | 540 | 463 | 577 | 457 | 464 | 503 | 727 | 753 | 11449 |
| DENMARK | 2314 | 392 | 487 | 436 | 479 | 426 | 529 | 414 | 358 | 439 | 388 | 391 | 390 | 605 | 728 | 8776 |
| INDIA | 285 | 85 | 112 | 131 | 178 | 249 | 342 | 363 | 384 | 481 | 546 | 634 | 679 | 1098 | 1234 | 6801 |
| SPAIN | 1569 | 248 | 222 | 270 | 269 | 303 | 309 | 264 | 273 | 295 | 268 | 303 | 317 | 414 | 469 | 5793 |
| SINGAPORE | 418 | 120 | 144 | 218 | 296 | 410 | 427 | 449 | 346 | 412 | 393 | 399 | 436 | 603 | 647 | 5718 |
| NORWAY | 1367 | 198 | 224 | 248 | 265 | 242 | 262 | 243 | 220 | 244 | 247 | 273 | 265 | 399 | 366 | 5063 |
| CHINA,HONG KONG S.A.R | 657 | 160 | 155 | 176 | 237 | 233 | 276 | 312 | 283 | 308 | 338 | 311 | 305 | 429 | 419 | 4599 |
| RUSSIAN FEDERATION | 366 | 189 | 181 | 183 | 234 | 200 | 203 | 169 | 148 | 172 | 188 | 176 | 196 | 272 | 298 | 3175 |
| IRELAND | 572 | 71 | 90 | 121 | 141 | 127 | 163 | 186 | 156 | 174 | 146 | 164 | 177 | 252 | 304 | 2844 |
| SOUTH AFRICA | 1189 | 115 | 110 | 111 | 120 | 113 | 112 | 100 | 87 | 109 | 82 | 91 | 93 | 116 | 123 | 2671 |
| NEW ZEALAND | 574 | 114 | 114 | 107 | 124 | 140 | 135 | 142 | 122 | 136 | 113 | 105 | 127 | 168 | 180 | 2401 |
| BRAZIL | 547 | 74 | 91 | 98 | 110 | 96 | 130 | 106 | 77 | 121 | 90 | 101 | 103 | 175 | 215 | 2134 |
| HUNGARY | 841 | 50 | 39 | 36 | 60 | 48 | 72 | 48 | 46 | 49 | 47 | 66 | 46 | 91 | 100 | 1639 |
| MEXICO | 445 | 57 | 76 | 76 | 81 | 94 | 85 | 86 | 80 | 66 | 56 | 54 | 60 | 101 | 90 | 1507 |
| MALAYSIA | 85 | 23 | 30 | 42 | 39 | 55 | 50 | 80 | 88 | 113 | 158 | 152 | 158 | 202 | 161 | 1436 |
| U.S.S.R. | 946 | 6 | 3 | 1 | | 1 | | | | | | | | | | 957 |
| ARGENTINA | 259 | 43 | 44 | 54 | 51 | 54 | 63 | 46 | 24 | 38 | 37 | 32 | 45 | 45 | 49 | 884 |
| LUXEMBOURG | 264 | 20 | 22 | 40 | 33 | 37 | 35 | 44 | 41 | 33 | 38 | 24 | 36 | 31 | 40 | 738 |
| CZECH REPUBLIC | 21 | 13 | 24 | 32 | 23 | 31 | 41 | 31 | 25 | 34 | 37 | 48 | 44 | 74 | 93 | 571 |
| VENEZUELA | 267 | 27 | 39 | 27 | 26 | 30 | 19 | 18 | 8 | 13 | 11 | 14 | 8 | 13 | 18 | 538 |
| Others (132) | 2060 | 283 | 325 | 327 | 387 | 389 | 412 | 351 | 334 | 444 | 386 | 467 | 511 | 676 | 811 | 8163 |
| Ownership: | | | | | | | | | | | | | | | | |
| U.S. Corporations | 448225 | 66052 | 69389 | 70887 | 74329 | 74154 | 75327 | 73021 | 65207 | 78925 | 70497 | 69960 | 74799 | 97756 | 99527 | 1508055 |
| U.S. Government | 11242 | 1028 | 984 | 928 | 957 | 913 | 882 | 842 | 698 | 792 | 725 | 678 | 695 | 914 | 907 | 23185 |
| U.S. Individuals | 137150 | 16407 | 16699 | 16129 | 15203 | 14116 | 13536 | 12172 | 10358 | 11857 | 9898 | 9022 | 8922 | 12012 | 11251 | 314732 |
| Foreign Corporations | 412471 | 57665 | 60168 | 63179 | 68938 | 71662 | 73098 | 72776 | 63114 | 77374 | 71956 | 74465 | 79202 | 104153 | 108346 | 1458567 |
| Foreign Government | 4314 | 256 | 162 | 104 | 92 | 112 | 85 | 79 | 58 | 51 | 69 | 33 | 102 | 186 | 171 | 5874 |
| Foreign Individuals | 50397 | 6109 | 6083 | 6267 | 6516 | 6374 | 6095 | 5400 | 4371 | 4773 | 4137 | 3614 | 3629 | 4593 | 4303 | 122661 |

----- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1987 - Dec 31, 2011) -----

| | PERCENT OF PATENTS | | | | | | | | | | | | | | | |
|-----------------------|--------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Total |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| U.S. Origin | 54 | 54 | 55 | 54 | 53 | 52 | 52 | 51 | 52 | 52 | 51 | 49 | 49 | 49 | 48 | 52 |
| Foreign Origin | 46 | 46 | 45 | 46 | 47 | 48 | 48 | 49 | 48 | 48 | 49 | 51 | 51 | 51 | 52 | 48 |
| JAPAN | 21 | 21 | 20 | 20 | 20 | 21 | 21 | 22 | 21 | 21 | 21 | 21 | 21 | 20 | 21 | 21 |
| GERMANY | 8 | 6 | 6 | 6 | 7 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 5 | 6 | 5 | 7 |
| TAIWAN | 1 | 2 | 2 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 4 | 3 |
| KOREA, SOUTH | 1 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 3 | 3 | 4 | 5 | 5 | 5 | 5 | 3 |
| FRANCE | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| UNITED KINGDOM | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| CANADA | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 |
| ITALY | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| SWITZERLAND | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| NETHERLANDS | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| SWEDEN | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| AUSTRALIA | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| ISRAEL | | 1 | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| FINLAND | | | | | | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 0 |
| BELGIUM | | | | | | | | | | | | | | | | 0 |
| CHINA, PEOPLE'S REPUB | | | | | | | | | | | | 1 | 1 | 1 | 1 | 0 |
| AUSTRIA | | | | | | | | | | | | | | | | 0 |
| DENMARK | | | | | | | | | | | | | | | | 0 |
| INDIA | | | | | | | | | | | | | | | 1 | 0 |
| SPAIN | | | | | | | | | | | | | | | | 0 |
| SINGAPORE | | | | | | | | | | | | | | | | 0 |
| NORWAY | | | | | | | | | | | | | | | | 0 |
| CHINA,HONG KONG S.A.R | | | | | | | | | | | | | | | | 0 |
| RUSSIAN FEDERATION | | | | | | | | | | | | | | | | 0 |
| IRELAND | | | | | | | | | | | | | | | | 0 |
| SOUTH AFRICA | | | | | | | | | | | | | | | | 0 |
| NEW ZEALAND | | | | | | | | | | | | | | | | 0 |
| BRAZIL | | | | | | | | | | | | | | | | 0 |
| HUNGARY | | | | | | | | | | | | | | | | 0 |
| MEXICO | | | | | | | | | | | | | | | | 0 |
| MALAYSIA | | | | | | | | | | | | | | | | 0 |
| U.S.S.R. | | | | | | | | | | | | | | | | 0 |
| ARGENTINA | | | | | | | | | | | | | | | | 0 |
| LUXEMBOURG | | | | | | | | | | | | | | | | 0 |
| CZECH REPUBLIC | | | | | | | | | | | | | | | | 0 |
| VENEZUELA | | | | | | | | | | | | | | | | 0 |
| Others (132) | | | | | | | | | | | | | | | | 0 |
| Ownership: | | | | | | | | | | | | | | | | |
| U.S. Corporations | 42 | 45 | 45 | 45 | 45 | 44 | 45 | 44 | 45 | 45 | 45 | 44 | 45 | 45 | 44 | 44 |
| U.S. Government | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | 1 |
| U.S. Individuals | 13 | 11 | 11 | 10 | 9 | 8 | 8 | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 5 | 9 |
| Foreign Corporations | 39 | 39 | 39 | 40 | 42 | 43 | 43 | 44 | 44 | 45 | 46 | 47 | 47 | 47 | 48 | 42 |
| Foreign Government | | | | | | | | | | | | | | | | 0 |
| Foreign Individuals | 5 | 4 | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 4 |

Part A2

Patent Grants as Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1987 - Dec 31, 2011) ----

| | NUMBER OF PATENTED APPLICATIONS | | | | | | | | | | | | | | | |
|-----------------------|---------------------------------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|--------|-------|-------|------|---------|
| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Total |
| Total | 1410149 | 168071 | 179711 | 194428 | 205965 | 209380 | 200450 | 191376 | 183407 | 170032 | 145833 | 101616 | 50865 | 20098 | 1693 | 3433074 |
| U.S. Origin | 762625 | 91197 | 96453 | 102935 | 104524 | 104839 | 100842 | 94766 | 89786 | 81976 | 72495 | 49714 | 25063 | 10942 | 998 | 1789155 |
| Foreign Origin | 647524 | 76874 | 83258 | 91493 | 101441 | 104541 | 99608 | 96610 | 93621 | 88056 | 73338 | 51902 | 25802 | 9156 | 695 | 1643919 |
| JAPAN | 301306 | 33231 | 34224 | 38978 | 43345 | 41875 | 40992 | 40300 | 40984 | 37229 | 31067 | 22249 | 10887 | 3896 | 289 | 720852 |
| GERMANY | 100478 | 10386 | 12222 | 13009 | 14269 | 15347 | 13107 | 11631 | 10548 | 9075 | 7025 | 4395 | 1803 | 599 | 41 | 223935 |
| TAIWAN | 17879 | 4525 | 5698 | 5051 | 5934 | 6869 | 7219 | 7363 | 6979 | 7553 | 7216 | 6268 | 3606 | 1109 | 77 | 93346 |
| KOREA, SOUTH | 15249 | 3952 | 3698 | 4210 | 4825 | 6046 | 7176 | 8604 | 9160 | 9812 | 8220 | 5579 | 2864 | 942 | 66 | 90403 |
| FRANCE | 40476 | 3990 | 4416 | 4804 | 4838 | 5103 | 4466 | 3860 | 3608 | 3142 | 2385 | 1335 | 576 | 194 | 10 | 83203 |
| UNITED KINGDOM | 37182 | 4006 | 4404 | 4637 | 5197 | 5256 | 4515 | 3661 | 3087 | 2665 | 2176 | 1389 | 601 | 263 | 16 | 79055 |
| CANADA | 28663 | 3778 | 3906 | 4155 | 4197 | 4352 | 4154 | 4128 | 3752 | 3699 | 3124 | 2154 | 1115 | 502 | 43 | 71722 |
| ITALY | 16699 | 1667 | 1762 | 1911 | 2187 | 2275 | 2101 | 1700 | 1583 | 1354 | 1085 | 652 | 288 | 62 | 6 | 35332 |
| SWITZERLAND | 16164 | 1386 | 1479 | 1590 | 1743 | 1765 | 1535 | 1366 | 1214 | 1193 | 978 | 637 | 277 | 90 | 5 | 31422 |
| NETHERLANDS | 12659 | 1270 | 1406 | 1582 | 1829 | 1878 | 1792 | 1852 | 1313 | 1150 | 805 | 421 | 198 | 67 | 6 | 28228 |
| SWEDEN | 11788 | 1783 | 1839 | 1915 | 1949 | 1873 | 1538 | 1276 | 1165 | 1061 | 773 | 385 | 192 | 70 | 10 | 27617 |
| AUSTRALIA | 6602 | 920 | 926 | 1200 | 1226 | 1488 | 1398 | 1638 | 1337 | 955 | 908 | 915 | 459 | 266 | 26 | 20264 |
| ISRAEL | 5648 | 945 | 1274 | 1437 | 1600 | 1532 | 1291 | 1285 | 1359 | 1318 | 1116 | 667 | 328 | 135 | 7 | 19942 |
| FINLAND | 5162 | 728 | 1009 | 1231 | 1380 | 1271 | 1074 | 966 | 773 | 655 | 423 | 258 | 109 | 39 | 2 | 15080 |
| BELGIUM | 5599 | 734 | 786 | 795 | 813 | 850 | 833 | 654 | 651 | 602 | 401 | 223 | 125 | 50 | 3 | 13119 |
| CHINA, PEOPLE'S REPUB | 708 | 125 | 186 | 331 | 491 | 651 | 763 | 1068 | 1326 | 1940 | 1786 | 1681 | 1086 | 369 | 31 | 12542 |
| AUSTRIA | 4814 | 537 | 589 | 611 | 704 | 865 | 704 | 628 | 539 | 541 | 469 | 281 | 118 | 41 | 8 | 11449 |
| DENMARK | 3322 | 484 | 559 | 552 | 714 | 688 | 553 | 476 | 424 | 406 | 231 | 175 | 129 | 60 | 3 | 8776 |
| INDIA | 502 | 139 | 205 | 333 | 482 | 681 | 771 | 733 | 704 | 749 | 702 | 529 | 182 | 83 | 6 | 6801 |
| SPAIN | 2105 | 255 | 268 | 332 | 449 | 419 | 412 | 355 | 374 | 326 | 238 | 151 | 80 | 27 | 2 | 5793 |
| SINGAPORE | 739 | 234 | 364 | 464 | 532 | 573 | 483 | 514 | 472 | 468 | 376 | 293 | 152 | 52 | 2 | 5718 |
| NORWAY | 1834 | 227 | 313 | 324 | 385 | 431 | 353 | 305 | 280 | 267 | 184 | 98 | 47 | 14 | 1 | 5063 |
| CHINA,HONG KONG S.A.R | 964 | 187 | 236 | 260 | 371 | 386 | 414 | 384 | 355 | 324 | 344 | 237 | 104 | 30 | 3 | 4599 |
| RUSSIAN FEDERATION | 784 | 190 | 253 | 250 | 269 | 236 | 243 | 187 | 188 | 213 | 160 | 110 | 58 | 23 | 11 | 3175 |
| IRELAND | 785 | 155 | 140 | 198 | 212 | 268 | 198 | 186 | 211 | 162 | 142 | 96 | 65 | 22 | 4 | 2844 |
| SOUTH AFRICA | 1426 | 122 | 130 | 132 | 167 | 156 | 122 | 139 | 86 | 81 | 53 | 22 | 20 | 14 | 1 | 2671 |
| NEW ZEALAND | 839 | 118 | 130 | 182 | 210 | 207 | 214 | 150 | 106 | 98 | 72 | 44 | 21 | 9 | 1 | 2401 |
| BRAZIL | 729 | 93 | 119 | 118 | 142 | 173 | 148 | 159 | 104 | 115 | 101 | 78 | 35 | 17 | 3 | 2134 |
| HUNGARY | 939 | 53 | 57 | 74 | 74 | 103 | 67 | 67 | 78 | 42 | 37 | 27 | 11 | 8 | 2 | 1639 |
| MEXICO | 589 | 88 | 84 | 99 | 119 | 86 | 105 | 64 | 78 | 77 | 44 | 55 | 14 | 5 | | 1507 |
| MALAYSIA | 154 | 25 | 56 | 58 | 88 | 87 | 153 | 186 | 164 | 163 | 145 | 100 | 44 | 13 | | 1436 |
| U.S.S.R. | 955 | 2 | | | | | | | | | | | | | | 957 |
| ARGENTINA | 355 | 58 | 44 | 64 | 76 | 46 | 46 | 51 | 30 | 40 | 33 | 30 | 8 | 3 | | 884 |
| LUXEMBOURG | 319 | 32 | 35 | 41 | 48 | 61 | 51 | 40 | 37 | 30 | 25 | 11 | 8 | | | 738 |
| CZECH REPUBLIC | 71 | 28 | 23 | 33 | 56 | 41 | 46 | 51 | 48 | 50 | 54 | 41 | 21 | 8 | | 571 |
| VENEZUELA | 325 | 33 | 31 | 30 | 32 | 20 | 8 | 9 | 14 | 8 | 12 | 5 | 8 | 3 | | 538 |
| Others (132) | 2712 | 388 | 387 | 502 | 488 | 583 | 563 | 574 | 490 | 493 | 428 | 311 | 163 | 71 | 10 | 8163 |
| Ownership: | | | | | | | | | | | | | | | | |
| U.S. Corporations | 609489 | 76923 | 82217 | 88643 | 91517 | 92086 | 88814 | 83455 | 80161 | 73493 | 64428 | 44531 | 21676 | 9717 | 905 | 1508055 |
| U.S. Government | 13699 | 931 | 851 | 996 | 1030 | 992 | 913 | 846 | 828 | 676 | 623 | 453 | 273 | 69 | 5 | 23185 |
| U.S. Individuals | 170118 | 15969 | 15910 | 15895 | 14620 | 14755 | 13677 | 12230 | 11108 | 9851 | 8978 | 6556 | 3612 | 1320 | 133 | 314732 |
| Foreign Corporations | 549587 | 68104 | 73810 | 81702 | 91463 | 94265 | 90788 | 89776 | 86953 | 82091 | 68690 | 47995 | 24104 | 8610 | 629 | 1458567 |
| Foreign Government | 4755 | 111 | 109 | 136 | 98 | 110 | 101 | 103 | 93 | 91 | 65 | 59 | 32 | 10 | 1 | 5874 |
| Foreign Individuals | 62501 | 6033 | 6814 | 7056 | 7237 | 7172 | 6157 | 4966 | 4264 | 3830 | 3049 | 2022 | 1168 | 372 | 20 | 122661 |

----- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1987 - Dec 31, 2011) -----

| | PERCENT OF PATENTED APPLICATIONS | | | | | | | | | | | | | | | |
|-----------------------|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | Total |
| Total | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| U.S. Origin | 54 | 54 | 54 | 53 | 51 | 50 | 50 | 50 | 49 | 48 | 50 | 49 | 49 | 54 | 59 | 52 |
| Foreign Origin | 46 | 46 | 46 | 47 | 49 | 50 | 50 | 50 | 51 | 52 | 50 | 51 | 51 | 46 | 41 | 48 |
| JAPAN | 21 | 20 | 19 | 20 | 21 | 20 | 20 | 21 | 22 | 22 | 21 | 22 | 21 | 19 | 17 | 21 |
| GERMANY | 7 | 6 | 7 | 7 | 7 | 7 | 7 | 6 | 6 | 5 | 5 | 4 | 4 | 3 | 2 | 7 |
| TAIWAN | 1 | 3 | 3 | 3 | 3 | 3 | 4 | 4 | 4 | 4 | 5 | 6 | 7 | 6 | 5 | 3 |
| KOREA, SOUTH | 1 | 2 | 2 | 2 | 2 | 3 | 4 | 4 | 5 | 6 | 6 | 5 | 6 | 5 | 4 | 3 |
| FRANCE | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 2 |
| UNITED KINGDOM | 3 | 2 | 2 | 2 | 3 | 3 | 2 | 2 | 2 | 2 | 1 | 1 | 1 | 1 | 1 | 2 |
| CANADA | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 2 | 3 | 2 |
| ITALY | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 |
| SWITZERLAND | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | 1 |
| NETHERLANDS | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | | 1 |
| SWEDEN | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | | | 1 | 1 |
| AUSTRALIA | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 2 | 1 |
| ISRAEL | | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 | | 1 |
| FINLAND | | | 1 | 1 | 1 | 1 | 1 | 1 | | | | | | | | 0 |
| BELGIUM | | | | | | | | | | | | | | | | 0 |
| CHINA, PEOPLE'S REPUB | | | | | | | | 1 | 1 | 1 | 1 | 2 | 2 | 2 | 2 | 0 |
| AUSTRIA | | | | | | | | | | | | | | | | 0 |
| DENMARK | | | | | | | | | | | | | | | | 0 |
| INDIA | | | | | | | | | | | | 1 | | | | 0 |
| SPAIN | | | | | | | | | | | | | | | | 0 |
| SINGAPORE | | | | | | | | | | | | | | | | 0 |
| NORWAY | | | | | | | | | | | | | | | | 0 |
| CHINA,HONG KONG S.A.R | | | | | | | | | | | | | | | | 0 |
| RUSSIAN FEDERATION | | | | | | | | | | | | | | | 1 | 0 |
| IRELAND | | | | | | | | | | | | | | | | 0 |
| SOUTH AFRICA | | | | | | | | | | | | | | | | 0 |
| NEW ZEALAND | | | | | | | | | | | | | | | | 0 |
| BRAZIL | | | | | | | | | | | | | | | | 0 |
| HUNGARY | | | | | | | | | | | | | | | | 0 |
| MEXICO | | | | | | | | | | | | | | | | 0 |
| MALAYSIA | | | | | | | | | | | | | | | | 0 |
| U.S.S.R. | | | | | | | | | | | | | | | | 0 |
| ARGENTINA | | | | | | | | | | | | | | | | 0 |
| LUXEMBOURG | | | | | | | | | | | | | | | | 0 |
| CZECH REPUBLIC | | | | | | | | | | | | | | | | 0 |
| VENEZUELA | | | | | | | | | | | | | | | | 0 |
| Others (132) | | | | | | | | | | | | | | | 1 | 0 |
| Ownership: | | | | | | | | | | | | | | | | |
| U.S. Corporations | 43 | 46 | 46 | 46 | 44 | 44 | 44 | 44 | 44 | 43 | 44 | 44 | 43 | 48 | 53 | 44 |
| U.S. Government | 1 | 1 | | 1 | 1 | | | | | | | | 1 | | | 1 |
| U.S. Individuals | 12 | 10 | 9 | 8 | 7 | 7 | 7 | 6 | 6 | 6 | 6 | 6 | 7 | 7 | 8 | 9 |
| Foreign Corporations | 39 | 41 | 41 | 42 | 44 | 45 | 45 | 47 | 47 | 48 | 47 | 47 | 47 | 43 | 37 | 42 |
| Foreign Government | | | | | | | | | | | | | | | | 0 |
| Foreign Individuals | 4 | 4 | 4 | 4 | 4 | 3 | 3 | 3 | 2 | 2 | 2 | 2 | 2 | 2 | 1 | 4 |

Part B

**Ranked Listing of Organizations with Patent Grants
As Distributed By Year of Patent Grant
and As Distributed By Year of Patent Application**

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre | | | | | | | | | | | | | | | |
|---------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| INTERNATIONAL BUSINESS MACHINES CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 11253 | 2657 | 2756 | 2886 | 3411 | 3288 | 3415 | 3248 | 2941 | 3621 | 3125 | 4169 | 4887 | 5866 | 6148 | 63671 |
| Patents By Year of Application: | 18670 | 3778 | 4390 | 4366 | 4035 | 3528 | 3918 | 3622 | 3560 | 3406 | 4368 | 4841 | 961 | 210 | 18 | 63671 |
| CANON KABUSHIKI KAISHA | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 11465 | 1926 | 1793 | 1890 | 1877 | 1892 | 1992 | 1806 | 1829 | 2368 | 1983 | 2107 | 2200 | 2551 | 2818 | 40497 |
| Patents By Year of Application: | 17666 | 1777 | 1943 | 1838 | 2081 | 1848 | 2190 | 2175 | 2601 | 2040 | 1946 | 1384 | 735 | 249 | 24 | 40497 |
| SAMSUNG ELECTRONICS CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 2752 | 1305 | 1542 | 1437 | 1446 | 1328 | 1313 | 1604 | 1641 | 2451 | 2723 | 3502 | 3592 | 4518 | 4868 | 36022 |
| Patents By Year of Application: | 6001 | 1847 | 1478 | 1355 | 1612 | 2032 | 3006 | 3573 | 3718 | 4225 | 3659 | 2144 | 1008 | 353 | 11 | 36022 |
| TOSHIBA CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 10220 | 1170 | 1200 | 1232 | 1149 | 1130 | 1184 | 1311 | 1258 | 1672 | 1519 | 1575 | 1669 | 2212 | 2451 | 30952 |
| Patents By Year of Application: | 13045 | 1293 | 1153 | 1197 | 1407 | 1496 | 1538 | 1777 | 1668 | 1792 | 1708 | 1388 | 1013 | 454 | 23 | 30952 |
| HITACHI, LTD | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 10267 | 1094 | 1008 | 1036 | 1272 | 1600 | 1892 | 1513 | 1271 | 1732 | 1381 | 1301 | 1051 | 1447 | 1455 | 29320 |
| Patents By Year of Application: | 12890 | 978 | 1325 | 1624 | 2220 | 1886 | 1552 | 1723 | 1312 | 1260 | 1069 | 937 | 329 | 202 | 13 | 29320 |
| SONY CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 5611 | 1316 | 1417 | 1385 | 1363 | 1434 | 1311 | 1305 | 1135 | 1771 | 1454 | 1461 | 1656 | 2130 | 2265 | 27014 |
| Patents By Year of Application: | 9440 | 1560 | 1670 | 1694 | 1888 | 1516 | 1564 | 1553 | 2036 | 1462 | 1244 | 807 | 409 | 165 | 6 | 27014 |
| MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 6279 | 1034 | 1052 | 1137 | 1440 | 1544 | 1774 | 1934 | 1688 | 2229 | 1910 | 1469 | 47 | 13 | 7 | 23557 |
| Patents By Year of Application: | 8888 | 1364 | 1580 | 1968 | 2313 | 2103 | 2119 | 1679 | 945 | 473 | 115 | 7 | 1 | 2 | 0 | 23557 |
| GENERAL ELECTRIC COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 8963 | 729 | 699 | 787 | 1107 | 1416 | 1139 | 976 | 904 | 1051 | 911 | 911 | 976 | 1222 | 1444 | 23235 |
| Patents By Year of Application: | 10515 | 917 | 1235 | 1399 | 1266 | 1162 | 1217 | 1133 | 1240 | 1144 | 913 | 662 | 308 | 118 | 6 | 23235 |
| FUJITSU LIMITED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 5340 | 1189 | 1192 | 1146 | 1166 | 1211 | 1302 | 1296 | 1154 | 1487 | 1293 | 1475 | 1188 | 1276 | 1382 | 23097 |
| Patents By Year of Application: | 8552 | 1455 | 1273 | 1440 | 1608 | 1393 | 1213 | 1419 | 1609 | 1166 | 874 | 620 | 361 | 108 | 6 | 23097 |
| NEC CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 7160 | 1627 | 1843 | 2020 | 1953 | 1821 | 1181 | 813 | 661 | 728 | 600 | 527 | 511 | 652 | 592 | 22689 |
| Patents By Year of Application: | 11356 | 2339 | 2125 | 1789 | 1364 | 849 | 634 | 579 | 600 | 455 | 297 | 195 | 81 | 25 | 1 | 22689 |
| MITSUBISHI DENKI KABUSHIKI KAISHA | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 9295 | 1080 | 1054 | 1010 | 1184 | 1373 | 1243 | 784 | 614 | 610 | 477 | 481 | 521 | 692 | 605 | 21023 |
| Patents By Year of Application: | 11707 | 1042 | 1115 | 1308 | 1453 | 1048 | 622 | 683 | 549 | 556 | 498 | 268 | 134 | 35 | 5 | 21023 |

----- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ----- Ranked List of Organizations with 1000 or More Patents -----

| | Pre | | | | | | | | | | | | | | | |
|-------------------------------------------|-------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| INTEL CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1708 | 701 | 733 | 795 | 809 | 1077 | 1592 | 1601 | 1549 | 1959 | 1864 | 1772 | 1534 | 1652 | 1244 | 20590 |
| Patents By Year of Application: | 3820 | 1096 | 1391 | 1731 | 1803 | 2031 | 2249 | 1919 | 1587 | 1316 | 911 | 440 | 202 | 89 | 5 | 20590 |
| MICRON TECHNOLOGY, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1019 | 581 | 934 | 1304 | 1643 | 1834 | 1707 | 1760 | 1561 | 1610 | 1476 | 1250 | 966 | 917 | 947 | 19509 |
| Patents By Year of Application: | 2932 | 1515 | 1558 | 1844 | 1948 | 2022 | 1580 | 1629 | 1344 | 1386 | 712 | 508 | 304 | 216 | 11 | 19509 |
| MICROSOFT CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 395 | 334 | 352 | 344 | 396 | 499 | 499 | 629 | 746 | 1463 | 1638 | 2026 | 2901 | 3086 | 2309 | 17617 |
| Patents By Year of Application: | 1474 | 641 | 762 | 1061 | 928 | 1116 | 1724 | 2850 | 3216 | 1801 | 1189 | 582 | 169 | 95 | 9 | 17617 |
| EASTMAN KODAK COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 7907 | 1124 | 992 | 875 | 719 | 694 | 748 | 712 | 578 | 688 | 492 | 320 | 296 | 352 | 298 | 16795 |
| Patents By Year of Application: | 10020 | 1110 | 666 | 893 | 814 | 829 | 692 | 625 | 397 | 288 | 226 | 137 | 69 | 25 | 4 | 16795 |
| MOTOROLA, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 7506 | 1406 | 1192 | 1196 | 778 | 712 | 610 | 564 | 456 | 576 | 411 | 350 | 339 | 395 | 26 | 16517 |
| Patents By Year of Application: | 10610 | 1025 | 692 | 983 | 649 | 711 | 571 | 416 | 368 | 319 | 142 | 27 | 4 | 0 | 0 | 16517 |
| SIEMENS AKTIENGESELLSCHAFT | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 5178 | 626 | 722 | 912 | 793 | 674 | 660 | 732 | 689 | 854 | 698 | 721 | 710 | 861 | 843 | 15673 |
| Patents By Year of Application: | 6639 | 964 | 993 | 876 | 965 | 987 | 881 | 954 | 788 | 646 | 467 | 322 | 165 | 23 | 3 | 15673 |
| TEXAS INSTRUMENTS, INCORPORATED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 4506 | 611 | 598 | 686 | 797 | 717 | 764 | 898 | 734 | 880 | 749 | 755 | 649 | 827 | 790 | 14961 |
| Patents By Year of Application: | 6198 | 707 | 802 | 793 | 935 | 991 | 955 | 747 | 751 | 627 | 614 | 437 | 276 | 110 | 18 | 14961 |
| HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 1292 | 1775 | 1790 | 2099 | 1466 | 1422 | 1269 | 1480 | 1307 | 13900 |
| Patents By Year of Application: | 37 | 97 | 328 | 1001 | 2197 | 2274 | 2667 | 1780 | 1459 | 797 | 787 | 291 | 143 | 38 | 4 | 13900 |
| SEIKO EPSON CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1267 | 312 | 302 | 396 | 498 | 618 | 764 | 839 | 884 | 1200 | 1205 | 1219 | 1328 | 1438 | 1525 | 13795 |
| Patents By Year of Application: | 2109 | 479 | 586 | 719 | 943 | 1021 | 1253 | 1509 | 1358 | 1321 | 1097 | 828 | 426 | 128 | 18 | 13795 |
| XEROX CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 4879 | 769 | 665 | 569 | 716 | 693 | 613 | 514 | 426 | 501 | 513 | 529 | 620 | 853 | 879 | 13739 |
| Patents By Year of Application: | 6325 | 862 | 855 | 784 | 557 | 598 | 522 | 512 | 856 | 637 | 519 | 476 | 189 | 46 | 1 | 13739 |
| FUJI PHOTO FILM CO., LTD | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 6776 | 547 | 539 | 542 | 583 | 687 | 804 | 1025 | 750 | 906 | 294 | 14 | 14 | 3 | 1 | 13485 |
| Patents By Year of Application: | 8084 | 558 | 689 | 926 | 975 | 916 | 771 | 390 | 150 | 23 | 1 | 2 | 0 | 0 | 0 | 13485 |

----- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ----- Ranked List of Organizations with 1000 or More Patents -----

| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
|------------------------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.) | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 3266 | 389 | 461 | 463 | 562 | 653 | 647 | 736 | 698 | 778 | 677 | 703 | 725 | 987 | 963 | 12708 |
| Patents By Year of Application: | 4129 | 521 | 441 | 739 | 776 | 995 | 898 | 921 | 895 | 769 | 719 | 619 | 219 | 61 | 6 | 12708 |
| SHARP KABUSHIKI KAISHA (SHARP CORPORATION) | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 3950 | 560 | 521 | 586 | 526 | 534 | 493 | 529 | 473 | 665 | 646 | 585 | 639 | 794 | 858 | 12359 |
| Patents By Year of Application: | 5284 | 623 | 482 | 689 | 670 | 614 | 788 | 763 | 717 | 707 | 498 | 299 | 149 | 69 | 7 | 12359 |
| RICOH COMPANY, LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 3088 | 403 | 405 | 414 | 372 | 326 | 410 | 530 | 469 | 693 | 727 | 851 | 985 | 1198 | 1246 | 12117 |
| Patents By Year of Application: | 4020 | 424 | 451 | 471 | 560 | 710 | 847 | 811 | 899 | 1046 | 916 | 670 | 235 | 54 | 3 | 12117 |
| ROBERT BOSCH GMBH | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 2992 | 348 | 419 | 547 | 700 | 679 | 753 | 903 | 756 | 646 | 568 | 413 | 465 | 586 | 615 | 11390 |
| Patents By Year of Application: | 3861 | 524 | 760 | 778 | 992 | 1281 | 1003 | 617 | 572 | 376 | 329 | 204 | 79 | 10 | 4 | 11390 |
| E. I. DU PONT DE NEMOURS AND COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 5115 | 393 | 338 | 338 | 330 | 312 | 340 | 330 | 251 | 362 | 369 | 325 | 359 | 492 | 491 | 10145 |
| Patents By Year of Application: | 5896 | 335 | 338 | 394 | 376 | 381 | 434 | 391 | 411 | 408 | 335 | 199 | 154 | 84 | 9 | 10145 |
| ADVANCED MICRO DEVICES, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1248 | 556 | 825 | 1053 | 1086 | 1154 | 904 | 802 | 526 | 439 | 304 | 194 | 181 | 164 | 187 | 9623 |
| Patents By Year of Application: | 3061 | 1006 | 979 | 1234 | 991 | 846 | 496 | 335 | 221 | 175 | 137 | 86 | 40 | 15 | 1 | 9623 |
| LUCENT TECHNOLOGIES INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1057 | 928 | 1152 | 1411 | 1109 | 662 | 621 | 534 | 405 | 552 | 432 | 405 | 4 | 1 | 0 | 9273 |
| Patents By Year of Application: | 3591 | 1701 | 1413 | 844 | 433 | 408 | 474 | 242 | 115 | 41 | 11 | 0 | 0 | 0 | 0 | 9273 |
| U.S. PHILIPS CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 6093 | 725 | 735 | 693 | 702 | 253 | 4 | 2 | 0 | 2 | 0 | 0 | 0 | 1 | 0 | 9210 |
| Patents By Year of Application: | 7861 | 687 | 466 | 175 | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 9210 |
| LG ELECTRONICS INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 136 | 215 | 229 | 220 | 248 | 341 | 410 | 480 | 463 | 694 | 682 | 805 | 1064 | 1488 | 1404 | 8879 |
| Patents By Year of Application: | 702 | 288 | 317 | 468 | 643 | 710 | 847 | 1064 | 1092 | 1029 | 837 | 431 | 308 | 134 | 9 | 8879 |
| HEWLETT-PACKARD COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 3672 | 805 | 850 | 901 | 978 | 1061 | 403 | 0 | 7 | 10 | 3 | 0 | 0 | 9 | 24 | 8723 |
| Patents By Year of Application: | 5712 | 936 | 869 | 656 | 488 | 31 | 2 | 3 | 7 | 5 | 4 | 5 | 4 | 0 | 1 | 8723 |
| BASF AKTIENGESELLSCHAFT | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 3661 | 399 | 414 | 509 | 486 | 473 | 393 | 343 | 231 | 278 | 225 | 214 | 177 | 225 | 127 | 8155 |
| Patents By Year of Application: | 4525 | 514 | 504 | 503 | 511 | 544 | 399 | 263 | 162 | 141 | 60 | 14 | 10 | 5 | 0 | 8155 |

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
|---------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| TOYOTA JIDOSHA K.K. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 2210 | 387 | 402 | 342 | 330 | 296 | 273 | 268 | 271 | 384 | 351 | 387 | 453 | 721 | 898 | 7973 |
| Patents By Year of Application: | 3058 | 338 | 314 | 296 | 345 | 297 | 377 | 513 | 627 | 768 | 603 | 291 | 125 | 20 | 1 | 7973 |
| KONINKLIJKE PHILIPS ELECTRONICS N.V. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 12 | 842 | 1354 | 1217 | 763 | 896 | 547 | 483 | 504 | 662 | 688 | 7968 |
| Patents By Year of Application: | 77 | 172 | 585 | 1130 | 1755 | 1433 | 854 | 697 | 515 | 408 | 239 | 50 | 37 | 16 | 0 | 7968 |
| DENSO CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 7 | 124 | 305 | 369 | 435 | 482 | 552 | 646 | 609 | 732 | 753 | 655 | 710 | 797 | 631 | 7807 |
| Patents By Year of Application: | 469 | 385 | 440 | 441 | 637 | 671 | 754 | 769 | 869 | 829 | 793 | 544 | 182 | 23 | 1 | 7807 |
| AT&T CORP. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 4760 | 150 | 278 | 294 | 289 | 284 | 208 | 218 | 202 | 264 | 273 | 248 | 141 | 84 | 5 | 7698 |
| Patents By Year of Application: | 5542 | 344 | 301 | 269 | 305 | 223 | 144 | 151 | 242 | 95 | 58 | 22 | 2 | 0 | 0 | 7698 |
| SUN MICROSYSTEMS, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 560 | 423 | 560 | 465 | 436 | 502 | 564 | 678 | 653 | 776 | 610 | 509 | 561 | 198 | 3 | 7498 |
| Patents By Year of Application: | 2011 | 506 | 571 | 694 | 874 | 1006 | 620 | 503 | 367 | 259 | 65 | 22 | 0 | 0 | 0 | 7498 |
| INFINEON TECHNOLOGIES AG | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 42 | 218 | 452 | 639 | 785 | 787 | 890 | 847 | 809 | 595 | 763 | 608 | 7435 |
| Patents By Year of Application: | 14 | 85 | 173 | 485 | 843 | 1136 | 994 | 936 | 975 | 756 | 565 | 309 | 120 | 44 | 0 | 7435 |
| GENERAL MOTORS CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 4005 | 305 | 275 | 254 | 176 | 190 | 291 | 376 | 392 | 490 | 343 | 194 | 94 | 7 | 0 | 7392 |
| Patents By Year of Application: | 4518 | 278 | 172 | 218 | 286 | 521 | 570 | 600 | 190 | 33 | 5 | 1 | 0 | 0 | 0 | 7392 |
| BAYER AKTIENGESELLSCHAFT | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 4537 | 381 | 341 | 304 | 362 | 398 | 348 | 329 | 176 | 148 | 38 | 11 | 5 | 9 | 3 | 7390 |
| Patents By Year of Application: | 5324 | 284 | 357 | 340 | 438 | 424 | 154 | 43 | 13 | 8 | 4 | 0 | 1 | 0 | 0 | 7390 |
| UNITED STATES OF AMERICA, NAVY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 2983 | 341 | 349 | 351 | 313 | 378 | 359 | 317 | 258 | 270 | 268 | 224 | 232 | 302 | 311 | 7256 |
| Patents By Year of Application: | 3815 | 349 | 286 | 335 | 359 | 350 | 342 | 318 | 276 | 228 | 261 | 176 | 135 | 23 | 3 | 7256 |
| PROCTER + GAMBLE COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 2129 | 454 | 550 | 465 | 426 | 433 | 438 | 397 | 296 | 273 | 215 | 208 | 195 | 332 | 327 | 7138 |
| Patents By Year of Application: | 3306 | 404 | 457 | 527 | 515 | 436 | 333 | 257 | 272 | 200 | 175 | 115 | 88 | 48 | 5 | 7138 |
| Panasonic Corporation | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 255 | 1759 | 2443 | 2533 | 6990 |
| Patents By Year of Application: | 1 | 3 | 2 | 11 | 32 | 96 | 295 | 734 | 1339 | 1479 | 1285 | 965 | 481 | 248 | 19 | 6990 |

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre | | | | | | | | | | | | | | | |
|----------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| BOEING COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1612 | 157 | 147 | 136 | 163 | 199 | 266 | 420 | 403 | 478 | 428 | 421 | 532 | 658 | 695 | 6715 |
| Patents By Year of Application: | 1986 | 140 | 130 | 188 | 380 | 530 | 618 | 564 | 592 | 590 | 490 | 319 | 133 | 51 | 4 | 6715 |
| CISCO TECHNOLOGY, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 19 | 45 | 104 | 164 | 223 | 336 | 433 | 440 | 649 | 580 | 704 | 913 | 1114 | 979 | 6703 |
| Patents By Year of Application: | 170 | 281 | 529 | 686 | 631 | 645 | 690 | 665 | 892 | 706 | 446 | 236 | 101 | 24 | 1 | 6703 |
| UNIVERSITY OF CALIFORNIA, THE REGENTS OF | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1416 | 386 | 434 | 432 | 401 | 430 | 437 | 422 | 388 | 410 | 333 | 237 | 251 | 349 | 323 | 6649 |
| Patents By Year of Application: | 2542 | 449 | 463 | 488 | 533 | 475 | 429 | 324 | 289 | 283 | 185 | 96 | 69 | 23 | 1 | 6649 |
| SANYO ELECTRIC CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1284 | 251 | 239 | 251 | 286 | 367 | 373 | 377 | 352 | 516 | 454 | 446 | 433 | 489 | 471 | 6589 |
| Patents By Year of Application: | 1858 | 326 | 319 | 473 | 474 | 501 | 467 | 493 | 492 | 427 | 360 | 267 | 104 | 24 | 4 | 6589 |
| BROTHER KOGYO KABUSHIKI KAISHA | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1678 | 209 | 264 | 224 | 190 | 115 | 105 | 165 | 152 | 238 | 325 | 462 | 529 | 770 | 886 | 6312 |
| Patents By Year of Application: | 2218 | 294 | 148 | 104 | 111 | 174 | 321 | 401 | 532 | 753 | 590 | 438 | 178 | 42 | 8 | 6312 |
| HON HAI PRECISION IND. CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 34 | 37 | 106 | 397 | 441 | 392 | 391 | 486 | 291 | 432 | 321 | 498 | 666 | 874 | 886 | 6252 |
| Patents By Year of Application: | 149 | 206 | 525 | 276 | 460 | 542 | 356 | 516 | 335 | 639 | 635 | 766 | 586 | 252 | 9 | 6252 |
| NISSAN MOTOR COMPANY, LIMITED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 2576 | 164 | 211 | 251 | 260 | 249 | 260 | 261 | 290 | 328 | 268 | 222 | 253 | 274 | 190 | 6057 |
| Patents By Year of Application: | 2966 | 252 | 222 | 250 | 311 | 354 | 357 | 409 | 389 | 207 | 212 | 109 | 11 | 7 | 1 | 6057 |
| TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 259 | 218 | 290 | 385 | 530 | 449 | 431 | 463 | 441 | 471 | 467 | 365 | 311 | 435 | 439 | 5954 |
| Patents By Year of Application: | 737 | 384 | 586 | 353 | 452 | 685 | 537 | 638 | 437 | 415 | 347 | 198 | 97 | 86 | 2 | 5954 |
| HONEYWELL INTERNATIONAL INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 57 | 205 | 342 | 377 | 535 | 460 | 559 | 538 | 619 | 655 | 824 | 780 | 5951 |
| Patents By Year of Application: | 53 | 115 | 187 | 443 | 477 | 573 | 592 | 728 | 808 | 704 | 637 | 457 | 139 | 36 | 2 | 5951 |
| TELEFONAKTIEBOLAGET LM ERICSSON | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 643 | 204 | 366 | 463 | 507 | 513 | 471 | 390 | 331 | 359 | 253 | 263 | 248 | 388 | 530 | 5929 |
| Patents By Year of Application: | 1600 | 651 | 625 | 717 | 544 | 370 | 306 | 354 | 260 | 207 | 146 | 108 | 33 | 8 | 0 | 5929 |
| SEMICONDUCTOR ENERGY LABORATORY CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 621 | 127 | 184 | 159 | 210 | 246 | 273 | 336 | 292 | 405 | 413 | 468 | 545 | 733 | 761 | 5773 |
| Patents By Year of Application: | 1167 | 184 | 257 | 272 | 364 | 410 | 422 | 565 | 507 | 521 | 409 | 343 | 209 | 132 | 11 | 5773 |

----- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ----- Ranked List of Organizations with 1000 or More Patents -----

| | Pre | | | | | | | | | | | | | | | |
|--------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| BROADCOM CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 2 | 2 | 0 | 6 | 42 | 74 | 167 | 299 | 414 | 660 | 533 | 643 | 714 | 958 | 1164 | 5678 |
| Patents By Year of Application: | 12 | 14 | 92 | 230 | 360 | 654 | 679 | 876 | 730 | 630 | 643 | 311 | 267 | 160 | 20 | 5678 |
| 3M INNOVATIVE PROPERTIES COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 172 | 434 | 431 | 529 | 572 | 525 | 416 | 471 | 459 | 394 | 322 | 492 | 457 | 5674 |
| Patents By Year of Application: | 437 | 420 | 460 | 535 | 673 | 612 | 585 | 487 | 457 | 425 | 261 | 166 | 76 | 72 | 8 | 5674 |
| MINNESOTA MINING AND MANUFACTURING COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 4576 | 554 | 317 | 50 | 14 | 11 | 6 | 3 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 5533 |
| Patents By Year of Application: | 5474 | 42 | 8 | 5 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5533 |
| APPLIED MATERIALS, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 458 | 176 | 264 | 386 | 433 | 503 | 537 | 360 | 352 | 354 | 285 | 274 | 299 | 439 | 361 | 5481 |
| Patents By Year of Application: | 1189 | 364 | 427 | 587 | 443 | 464 | 342 | 329 | 311 | 405 | 321 | 185 | 75 | 37 | 2 | 5481 |
| NIKON CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1899 | 575 | 365 | 280 | 285 | 245 | 299 | 228 | 183 | 142 | 134 | 157 | 153 | 218 | 296 | 5459 |
| Patents By Year of Application: | 2917 | 281 | 296 | 347 | 300 | 198 | 176 | 133 | 233 | 208 | 155 | 135 | 48 | 31 | 1 | 5459 |
| FUJI XEROX CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1196 | 277 | 248 | 192 | 158 | 182 | 174 | 198 | 199 | 246 | 313 | 332 | 425 | 571 | 582 | 5293 |
| Patents By Year of Application: | 1828 | 183 | 195 | 235 | 236 | 213 | 390 | 319 | 454 | 512 | 345 | 230 | 123 | 29 | 1 | 5293 |
| MINOLTA CAMERA CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 2426 | 304 | 365 | 333 | 304 | 240 | 221 | 210 | 159 | 169 | 113 | 53 | 41 | 33 | 23 | 4994 |
| Patents By Year of Application: | 3227 | 406 | 356 | 348 | 279 | 184 | 127 | 21 | 13 | 10 | 11 | 8 | 1 | 3 | 0 | 4994 |
| NOKIA CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1 | 0 | 0 | 0 | 7 | 41 | 212 | 367 | 335 | 597 | 679 | 608 | 648 | 758 | 585 | 4838 |
| Patents By Year of Application: | 5 | 19 | 214 | 397 | 735 | 780 | 709 | 668 | 496 | 409 | 238 | 125 | 30 | 13 | 0 | 4838 |
| HYNIX SEMICONDUCTOR INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 4 | 99 | 244 | 337 | 358 | 438 | 406 | 435 | 585 | 973 | 934 | 4813 |
| Patents By Year of Application: | 3 | 6 | 14 | 45 | 266 | 429 | 431 | 475 | 481 | 593 | 788 | 780 | 370 | 122 | 10 | 4813 |
| MURATA MANUFACTURING CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1013 | 217 | 268 | 302 | 320 | 444 | 446 | 373 | 228 | 176 | 106 | 161 | 173 | 190 | 187 | 4604 |
| Patents By Year of Application: | 1552 | 282 | 360 | 474 | 432 | 348 | 276 | 198 | 91 | 68 | 165 | 176 | 120 | 58 | 4 | 4604 |
| INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 809 | 218 | 208 | 198 | 221 | 217 | 207 | 197 | 161 | 255 | 229 | 286 | 391 | 476 | 462 | 4535 |
| Patents By Year of Application: | 1240 | 210 | 256 | 219 | 221 | 251 | 280 | 300 | 331 | 404 | 354 | 282 | 154 | 32 | 1 | 4535 |

----- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ----- Ranked List of Organizations with 1000 or More Patents -----

| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
|------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| SILVERBROOK RESEARCH PTY. LTD | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 10 | 117 | 121 | 122 | 172 | 247 | 510 | 533 | 608 | 474 | 752 | 812 | 4478 |
| Patents By Year of Application: | 0 | 158 | 33 | 236 | 82 | 255 | 343 | 736 | 616 | 350 | 445 | 668 | 326 | 209 | 21 | 4478 |
| DELPHI TECHNOLOGIES, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 2 | 94 | 327 | 640 | 635 | 548 | 406 | 389 | 356 | 311 | 308 | 232 | 139 | 4387 |
| Patents By Year of Application: | 7 | 44 | 373 | 629 | 731 | 619 | 506 | 375 | 426 | 280 | 229 | 131 | 29 | 8 | 0 | 4387 |
| Fujifilm Corporation | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3 | 660 | 863 | 873 | 1025 | 963 | 4387 |
| Patents By Year of Application: | 1 | 2 | 5 | 39 | 83 | 147 | 314 | 535 | 885 | 942 | 668 | 501 | 215 | 48 | 2 | 4387 |
| DOW CHEMICAL COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 3553 | 175 | 141 | 133 | 167 | 118 | 42 | 28 | 10 | 9 | 5 | 0 | 3 | 0 | 1 | 4385 |
| Patents By Year of Application: | 3919 | 123 | 135 | 122 | 58 | 19 | 2 | 3 | 1 | 2 | 1 | 0 | 0 | 0 | 0 | 4385 |
| QUALCOMM, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 152 | 82 | 110 | 100 | 173 | 196 | 178 | 283 | 200 | 399 | 278 | 286 | 356 | 657 | 923 | 4373 |
| Patents By Year of Application: | 448 | 177 | 282 | 224 | 415 | 415 | 362 | 385 | 439 | 514 | 328 | 246 | 98 | 40 | 0 | 4373 |
| SHELL OIL COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 2392 | 143 | 131 | 132 | 127 | 79 | 100 | 170 | 119 | 185 | 138 | 135 | 141 | 178 | 127 | 4297 |
| Patents By Year of Application: | 2698 | 128 | 110 | 116 | 229 | 244 | 159 | 192 | 110 | 116 | 122 | 45 | 18 | 10 | 0 | 4297 |
| SEAGATE TECHNOLOGY, LLC | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 443 | 163 | 190 | 294 | 314 | 338 | 405 | 431 | 282 | 257 | 162 | 190 | 202 | 282 | 322 | 4275 |
| Patents By Year of Application: | 926 | 349 | 357 | 396 | 511 | 344 | 360 | 201 | 172 | 176 | 197 | 154 | 96 | 31 | 5 | 4275 |
| YAZAKI CORP. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1164 | 290 | 307 | 304 | 335 | 311 | 311 | 202 | 156 | 154 | 146 | 164 | 140 | 152 | 108 | 4244 |
| Patents By Year of Application: | 1762 | 305 | 285 | 357 | 308 | 253 | 170 | 171 | 150 | 148 | 130 | 139 | 57 | 9 | 0 | 4244 |
| SUMITOMO ELECTRIC INDUSTRIES, LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1852 | 158 | 163 | 136 | 156 | 170 | 183 | 177 | 169 | 160 | 149 | 145 | 156 | 175 | 188 | 4137 |
| Patents By Year of Application: | 2223 | 134 | 143 | 183 | 203 | 209 | 229 | 171 | 180 | 156 | 124 | 84 | 64 | 31 | 3 | 4137 |
| NORTEL NETWORKS LIMITED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 92 | 392 | 463 | 413 | 435 | 497 | 377 | 320 | 272 | 272 | 245 | 180 | 178 | 4136 |
| Patents By Year of Application: | 521 | 664 | 697 | 710 | 309 | 339 | 328 | 237 | 104 | 104 | 45 | 38 | 26 | 14 | 0 | 4136 |
| CATERPILLAR INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1119 | 197 | 262 | 334 | 258 | 246 | 220 | 174 | 154 | 142 | 176 | 172 | 161 | 219 | 273 | 4107 |
| Patents By Year of Application: | 1610 | 299 | 294 | 264 | 245 | 250 | 155 | 145 | 211 | 214 | 231 | 168 | 12 | 7 | 2 | 4107 |

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
|------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| TDK CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 699 | 83 | 104 | 160 | 216 | 258 | 231 | 204 | 159 | 292 | 338 | 322 | 342 | 359 | 334 | 4101 |
| Patents By Year of Application: | 895 | 200 | 247 | 275 | 270 | 187 | 263 | 453 | 353 | 339 | 328 | 193 | 77 | 19 | 2 | 4101 |
| NATIONAL SEMICONDUCTOR CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1235 | 178 | 197 | 187 | 183 | 208 | 217 | 219 | 223 | 259 | 227 | 191 | 200 | 204 | 172 | 4100 |
| Patents By Year of Application: | 1612 | 229 | 191 | 220 | 232 | 264 | 270 | 307 | 248 | 159 | 209 | 103 | 39 | 17 | 0 | 4100 |
| OKI ELECTRIC INDUSTRY CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 965 | 120 | 200 | 224 | 299 | 326 | 295 | 307 | 315 | 318 | 279 | 232 | 82 | 64 | 63 | 4089 |
| Patents By Year of Application: | 1353 | 302 | 268 | 336 | 308 | 392 | 365 | 274 | 229 | 139 | 67 | 35 | 18 | 3 | 0 | 4089 |
| OLYMPUS OPTICAL CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 2136 | 278 | 222 | 281 | 253 | 260 | 251 | 119 | 80 | 62 | 30 | 15 | 14 | 10 | 4 | 4015 |
| Patents By Year of Application: | 2733 | 268 | 281 | 264 | 218 | 129 | 70 | 18 | 13 | 10 | 6 | 2 | 0 | 3 | 0 | 4015 |
| HOECHST AKTIENGESELLSCHAFT | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 3322 | 327 | 152 | 82 | 18 | 18 | 9 | 1 | 2 | 0 | 0 | 0 | 1 | 0 | 0 | 3932 |
| Patents By Year of Application: | 3867 | 39 | 14 | 5 | 4 | 2 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3932 |
| RENESAS TECHNOLOGY CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 20 | 913 | 606 | 583 | 505 | 500 | 369 | 342 | 8 | 3846 |
| Patents By Year of Application: | 5 | 11 | 28 | 89 | 284 | 737 | 746 | 494 | 459 | 429 | 360 | 162 | 40 | 1 | 1 | 3846 |
| TOKYO ELECTRON LIMITED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 454 | 101 | 146 | 179 | 203 | 237 | 192 | 223 | 199 | 211 | 225 | 245 | 329 | 435 | 456 | 3835 |
| Patents By Year of Application: | 747 | 184 | 168 | 298 | 270 | 289 | 313 | 283 | 287 | 357 | 348 | 192 | 69 | 29 | 1 | 3835 |
| MEDTRONIC INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 604 | 243 | 208 | 231 | 185 | 171 | 192 | 178 | 181 | 233 | 250 | 148 | 217 | 374 | 377 | 3792 |
| Patents By Year of Application: | 1085 | 234 | 238 | 227 | 278 | 264 | 371 | 257 | 243 | 256 | 188 | 60 | 57 | 33 | 1 | 3792 |
| AGILENT TECHNOLOGIES, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 122 | 334 | 312 | 387 | 645 | 559 | 468 | 283 | 261 | 178 | 124 | 115 | 3788 |
| Patents By Year of Application: | 47 | 238 | 358 | 378 | 514 | 687 | 567 | 332 | 294 | 214 | 89 | 44 | 22 | 4 | 0 | 3788 |
| UNITED TECHNOLOGIES CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 2082 | 117 | 107 | 119 | 101 | 78 | 58 | 54 | 82 | 133 | 122 | 130 | 138 | 212 | 249 | 3782 |
| Patents By Year of Application: | 2357 | 117 | 93 | 49 | 71 | 88 | 127 | 219 | 175 | 226 | 151 | 67 | 19 | 23 | 0 | 3782 |
| LSI LOGIC CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 508 | 229 | 337 | 325 | 289 | 308 | 374 | 378 | 339 | 384 | 105 | 107 | 29 | 7 | 3 | 3722 |
| Patents By Year of Application: | 1278 | 385 | 230 | 280 | 509 | 437 | 342 | 146 | 80 | 19 | 9 | 5 | 1 | 1 | 0 | 3722 |

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre | | | | | | | | | | | | | | | |
|-------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| UNITED STATES OF AMERICA, ARMY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1702 | 166 | 140 | 141 | 161 | 145 | 129 | 134 | 127 | 181 | 144 | 129 | 116 | 146 | 128 | 3689 |
| Patents By Year of Application: | 2037 | 157 | 149 | 162 | 144 | 160 | 167 | 191 | 179 | 138 | 85 | 68 | 36 | 16 | 0 | 3689 |
| WESTINGHOUSE ELECTRIC CORP. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 3584 | 81 | 11 | 4 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3681 |
| Patents By Year of Application: | 3679 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3681 |
| SCHLUMBERGER TECHNOLOGY CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 596 | 45 | 80 | 122 | 158 | 177 | 194 | 206 | 178 | 224 | 217 | 259 | 274 | 464 | 451 | 3645 |
| Patents By Year of Application: | 765 | 129 | 136 | 223 | 218 | 297 | 265 | 254 | 249 | 353 | 349 | 264 | 106 | 33 | 4 | 3645 |
| EATON CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1538 | 164 | 222 | 194 | 148 | 156 | 139 | 123 | 125 | 136 | 121 | 119 | 141 | 125 | 122 | 3573 |
| Patents By Year of Application: | 1863 | 196 | 175 | 185 | 133 | 146 | 146 | 155 | 166 | 143 | 145 | 84 | 33 | 3 | 0 | 3573 |
| Apple, Inc. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 682 | 256 | 169 | 85 | 97 | 76 | 80 | 94 | 85 | 106 | 118 | 185 | 289 | 563 | 676 | 3561 |
| Patents By Year of Application: | 1234 | 89 | 86 | 80 | 112 | 141 | 196 | 211 | 248 | 349 | 365 | 204 | 152 | 85 | 9 | 3561 |
| CIBA-GEIGY CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 3465 | 16 | 4 | 3 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3490 |
| Patents By Year of Application: | 3489 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3490 |
| L'OREAL S.A. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 933 | 182 | 259 | 227 | 268 | 280 | 208 | 128 | 107 | 153 | 163 | 144 | 115 | 161 | 147 | 3475 |
| Patents By Year of Application: | 1477 | 209 | 288 | 303 | 248 | 220 | 176 | 150 | 146 | 104 | 63 | 48 | 32 | 11 | 0 | 3475 |
| KONICA CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1948 | 166 | 159 | 152 | 148 | 177 | 146 | 194 | 124 | 113 | 65 | 39 | 15 | 8 | 10 | 3464 |
| Patents By Year of Application: | 2274 | 183 | 159 | 165 | 174 | 217 | 222 | 16 | 20 | 15 | 12 | 5 | 1 | 1 | 0 | 3464 |
| SUMITOMO CHEMICAL COMPANY, LIMITED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1468 | 148 | 136 | 149 | 168 | 187 | 174 | 152 | 113 | 102 | 109 | 80 | 107 | 132 | 181 | 3406 |
| Patents By Year of Application: | 1818 | 138 | 173 | 171 | 212 | 204 | 153 | 132 | 117 | 91 | 82 | 70 | 36 | 8 | 1 | 3406 |
| UNITED MICROELECTRONICS CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 533 | 174 | 266 | 430 | 584 | 277 | 188 | 77 | 95 | 106 | 125 | 120 | 151 | 159 | 118 | 3403 |
| Patents By Year of Application: | 933 | 521 | 483 | 276 | 226 | 120 | 93 | 134 | 174 | 137 | 150 | 104 | 33 | 18 | 1 | 3403 |
| ALLIED-SIGNAL INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 2638 | 140 | 147 | 183 | 162 | 67 | 39 | 13 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 3395 |
| Patents By Year of Application: | 2967 | 170 | 193 | 34 | 20 | 9 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3395 |

----- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ----- Ranked List of Organizations with 1000 or More Patents -----

| | Pre | | | | | | | | | | | | | | | |
|---------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| FORD MOTOR COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 2591 | 147 | 151 | 102 | 27 | 18 | 46 | 58 | 46 | 41 | 31 | 42 | 32 | 34 | 25 | 3391 |
| Patents By Year of Application: | 2857 | 114 | 44 | 77 | 29 | 57 | 56 | 43 | 34 | 37 | 28 | 10 | 3 | 2 | 0 | 3391 |
| YAMAHA CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1083 | 198 | 208 | 141 | 115 | 130 | 113 | 109 | 142 | 169 | 174 | 193 | 211 | 204 | 194 | 3384 |
| Patents By Year of Application: | 1521 | 149 | 127 | 152 | 183 | 180 | 218 | 170 | 201 | 157 | 147 | 121 | 41 | 17 | 0 | 3384 |
| ALPS ELECTRIC CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 978 | 100 | 151 | 193 | 263 | 210 | 252 | 239 | 215 | 187 | 168 | 145 | 91 | 56 | 60 | 3308 |
| Patents By Year of Application: | 1266 | 194 | 251 | 270 | 283 | 211 | 236 | 189 | 166 | 92 | 70 | 49 | 17 | 13 | 1 | 3308 |
| MERCK + CO., INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1668 | 178 | 216 | 182 | 185 | 174 | 132 | 58 | 64 | 78 | 102 | 99 | 123 | 26 | 2 | 3287 |
| Patents By Year of Application: | 2074 | 210 | 184 | 169 | 153 | 114 | 142 | 113 | 68 | 34 | 18 | 8 | 0 | 0 | 0 | 3287 |
| MOBIL OIL CORP. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 2966 | 67 | 72 | 70 | 52 | 14 | 4 | 4 | 3 | 0 | 0 | 1 | 0 | 0 | 0 | 3253 |
| Patents By Year of Application: | 3125 | 70 | 51 | 5 | 0 | 0 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 3253 |
| KIMBERLY-CLARK WORLDWIDE, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 95 | 161 | 175 | 224 | 234 | 247 | 363 | 301 | 256 | 224 | 173 | 142 | 159 | 236 | 200 | 3190 |
| Patents By Year of Application: | 610 | 190 | 280 | 370 | 414 | 403 | 263 | 178 | 184 | 131 | 84 | 56 | 19 | 8 | 0 | 3190 |
| RAYTHEON COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 635 | 117 | 219 | 205 | 182 | 157 | 184 | 176 | 145 | 207 | 126 | 123 | 167 | 205 | 321 | 3169 |
| Patents By Year of Application: | 1145 | 144 | 136 | 158 | 180 | 213 | 199 | 192 | 180 | 155 | 179 | 159 | 103 | 22 | 4 | 3169 |
| HUGHES AIRCRAFT COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 3058 | 50 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 3116 |
| Patents By Year of Application: | 3116 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 3116 |
| GM Global Technology Operations, Inc. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 32 | 195 | 316 | 527 | 940 | 1092 | 3102 |
| Patents By Year of Application: | 0 | 0 | 0 | 1 | 0 | 7 | 18 | 79 | 513 | 605 | 829 | 711 | 277 | 50 | 12 | 3102 |
| CORNING INCORPORATED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 848 | 72 | 102 | 111 | 214 | 247 | 257 | 235 | 113 | 133 | 128 | 96 | 121 | 181 | 212 | 3070 |
| Patents By Year of Application: | 1029 | 125 | 261 | 258 | 273 | 233 | 150 | 125 | 125 | 124 | 163 | 111 | 72 | 21 | 0 | 3070 |
| BAKER HUGHES INCORPORATED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 556 | 97 | 106 | 133 | 158 | 138 | 161 | 123 | 131 | 134 | 172 | 197 | 247 | 362 | 332 | 3047 |
| Patents By Year of Application: | 801 | 134 | 132 | 157 | 161 | 184 | 167 | 158 | 213 | 229 | 312 | 274 | 95 | 27 | 3 | 3047 |

----- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ----- Ranked List of Organizations with 1000 or More Patents -----

| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
|-------------------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| MASSACHUSETTS INSTITUTE OF TECHNOLOGY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1099 | 138 | 142 | 113 | 125 | 135 | 127 | 132 | 136 | 139 | 141 | 134 | 134 | 174 | 160 | 3029 |
| Patents By Year of Application: | 1446 | 150 | 154 | 153 | 151 | 177 | 183 | 131 | 144 | 148 | 86 | 63 | 32 | 10 | 1 | 3029 |
| ILLINOIS TOOL WORKS INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 557 | 120 | 97 | 138 | 176 | 147 | 209 | 217 | 248 | 177 | 202 | 185 | 143 | 173 | 167 | 2956 |
| Patents By Year of Application: | 763 | 134 | 166 | 202 | 235 | 285 | 269 | 227 | 221 | 173 | 150 | 89 | 38 | 4 | 0 | 2956 |
| LOCKHEED MARTIN CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 66 | 108 | 117 | 175 | 152 | 192 | 223 | 200 | 201 | 229 | 240 | 208 | 213 | 298 | 296 | 2918 |
| Patents By Year of Application: | 345 | 160 | 185 | 209 | 281 | 290 | 289 | 240 | 236 | 245 | 182 | 173 | 65 | 18 | 0 | 2918 |
| SHIN ETSU CHEMICAL CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1174 | 96 | 97 | 111 | 128 | 134 | 136 | 166 | 119 | 107 | 97 | 92 | 134 | 157 | 143 | 2891 |
| Patents By Year of Application: | 1365 | 116 | 108 | 167 | 180 | 165 | 152 | 133 | 125 | 129 | 116 | 73 | 51 | 9 | 2 | 2891 |
| ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 147 | 120 | 130 | 124 | 72 | 89 | 103 | 86 | 112 | 171 | 206 | 254 | 305 | 460 | 505 | 2884 |
| Patents By Year of Application: | 428 | 162 | 78 | 79 | 113 | 203 | 264 | 304 | 335 | 357 | 273 | 177 | 91 | 19 | 1 | 2884 |
| HALLIBURTON ENERGY SERVICES, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 28 | 75 | 115 | 140 | 169 | 166 | 186 | 209 | 193 | 279 | 284 | 220 | 203 | 264 | 223 | 2754 |
| Patents By Year of Application: | 222 | 153 | 158 | 165 | 195 | 298 | 281 | 362 | 285 | 207 | 177 | 122 | 93 | 31 | 5 | 2754 |
| AISIN SEIKI KABUSHIKI KAISHA | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1250 | 116 | 137 | 110 | 109 | 127 | 108 | 112 | 89 | 97 | 86 | 94 | 109 | 110 | 99 | 2753 |
| Patents By Year of Application: | 1496 | 124 | 118 | 91 | 150 | 122 | 105 | 115 | 117 | 127 | 88 | 55 | 40 | 5 | 0 | 2753 |
| DEERE + COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 862 | 70 | 84 | 69 | 122 | 119 | 154 | 158 | 141 | 142 | 151 | 138 | 143 | 199 | 187 | 2739 |
| Patents By Year of Application: | 986 | 77 | 119 | 136 | 174 | 170 | 178 | 147 | 205 | 182 | 147 | 135 | 62 | 21 | 0 | 2739 |
| FORD GLOBAL TECHNOLOGIES, L.L.C. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 204 | 313 | 254 | 323 | 315 | 289 | 280 | 364 | 369 | 2711 |
| Patents By Year of Application: | 0 | 1 | 10 | 78 | 158 | 371 | 318 | 326 | 327 | 380 | 326 | 218 | 96 | 96 | 6 | 2711 |
| ASAHI KOGAKU KOGYO KABUSHIKI KAISHA | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1422 | 270 | 278 | 233 | 234 | 246 | 8 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 2697 |
| Patents By Year of Application: | 1982 | 246 | 236 | 168 | 63 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 2697 |
| XILINX, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 184 | 78 | 93 | 115 | 125 | 146 | 137 | 137 | 177 | 261 | 233 | 243 | 262 | 265 | 210 | 2666 |
| Patents By Year of Application: | 373 | 108 | 115 | 187 | 152 | 203 | 273 | 295 | 292 | 212 | 176 | 171 | 87 | 22 | 0 | 2666 |

ALL TECHNOLOGIES (UTILITY PATENTS) REPORT

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---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
|-------------------------------------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| NGK INSULATORS LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 888 | 92 | 123 | 116 | 132 | 161 | 147 | 144 | 105 | 125 | 116 | 125 | 124 | 137 | 127 | 2662 |
| Patents By Year of Application: | 1143 | 136 | 139 | 143 | 157 | 198 | 149 | 140 | 119 | 82 | 115 | 75 | 58 | 8 | 0 | 2662 |
| FREESCALE SEMICONDUCTOR, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 134 | 256 | 287 | 322 | 322 | 368 | 489 | 483 | 2661 |
| Patents By Year of Application: | 1 | 0 | 8 | 46 | 81 | 224 | 296 | 277 | 471 | 452 | 353 | 264 | 145 | 40 | 3 | 2661 |
| SAMSUNG SDI CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 26 | 108 | 118 | 150 | 125 | 162 | 315 | 432 | 421 | 438 | 357 | 2652 |
| Patents By Year of Application: | 0 | 5 | 31 | 161 | 137 | 195 | 221 | 469 | 596 | 446 | 241 | 101 | 37 | 11 | 1 | 2652 |
| UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1423 | 95 | 93 | 96 | 91 | 85 | 80 | 102 | 87 | 62 | 70 | 66 | 86 | 101 | 107 | 2644 |
| Patents By Year of Application: | 1633 | 102 | 72 | 104 | 94 | 115 | 95 | 85 | 87 | 91 | 79 | 53 | 28 | 6 | 0 | 2644 |
| PFIZER INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 865 | 117 | 112 | 153 | 172 | 187 | 196 | 164 | 163 | 138 | 108 | 77 | 75 | 73 | 43 | 2643 |
| Patents By Year of Application: | 1126 | 101 | 220 | 226 | 200 | 188 | 197 | 129 | 101 | 64 | 45 | 25 | 16 | 5 | 0 | 2643 |
| ELI LILLY AND COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1200 | 180 | 188 | 161 | 115 | 116 | 87 | 59 | 48 | 56 | 69 | 63 | 68 | 66 | 74 | 2550 |
| Patents By Year of Application: | 1612 | 157 | 109 | 98 | 111 | 115 | 99 | 58 | 63 | 42 | 36 | 21 | 22 | 6 | 1 | 2550 |
| ABBOTT LABORATORIES | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1138 | 164 | 149 | 128 | 124 | 115 | 114 | 65 | 46 | 69 | 54 | 67 | 74 | 105 | 133 | 2545 |
| Patents By Year of Application: | 1531 | 128 | 130 | 111 | 102 | 81 | 82 | 76 | 57 | 88 | 77 | 48 | 22 | 10 | 2 | 2545 |
| NCR CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 921 | 167 | 189 | 138 | 132 | 161 | 166 | 128 | 82 | 112 | 103 | 77 | 72 | 48 | 49 | 2545 |
| Patents By Year of Application: | 1409 | 176 | 183 | 192 | 175 | 127 | 52 | 61 | 70 | 47 | 27 | 22 | 4 | 0 | 0 | 2545 |
| ROHM COMPANY LIMITED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 608 | 112 | 95 | 116 | 132 | 150 | 128 | 135 | 113 | 163 | 143 | 155 | 114 | 160 | 208 | 2532 |
| Patents By Year of Application: | 855 | 117 | 138 | 163 | 141 | 142 | 161 | 196 | 193 | 157 | 101 | 115 | 34 | 18 | 1 | 2532 |
| UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1960 | 62 | 53 | 56 | 66 | 45 | 43 | 40 | 22 | 22 | 23 | 17 | 23 | 38 | 27 | 2497 |
| Patents By Year of Application: | 2099 | 54 | 48 | 57 | 43 | 43 | 32 | 19 | 19 | 23 | 27 | 21 | 8 | 4 | 0 | 2497 |
| HYUNDAI ELECTRONICS INDUSTRIES CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 482 | 212 | 242 | 294 | 533 | 391 | 179 | 106 | 25 | 15 | 2 | 1 | 0 | 0 | 0 | 2482 |
| Patents By Year of Application: | 1024 | 328 | 459 | 427 | 165 | 48 | 21 | 5 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 2482 |

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre | | | | | | | | | | | | | | | |
|-----------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| ALCATEL | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 61 | 248 | 315 | 277 | 269 | 288 | 212 | 251 | 154 | 155 | 131 | 94 | 26 | 2481 |
| Patents By Year of Application: | 132 | 383 | 434 | 357 | 316 | 276 | 209 | 195 | 114 | 60 | 3 | 1 | 1 | 0 | 0 | 2481 |
| UNITED STATES OF AMERICA, DEPARTMENT OF HEALTH & HUMAN SERVICES | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 841 | 174 | 142 | 96 | 102 | 91 | 87 | 117 | 80 | 122 | 99 | 110 | 108 | 135 | 152 | 2456 |
| Patents By Year of Application: | 1315 | 79 | 109 | 136 | 165 | 144 | 122 | 85 | 93 | 70 | 61 | 39 | 26 | 11 | 1 | 2456 |
| BRISTOL-MYERS SQUIBB COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 692 | 118 | 135 | 106 | 100 | 101 | 131 | 96 | 113 | 175 | 164 | 147 | 145 | 126 | 101 | 2450 |
| Patents By Year of Application: | 964 | 109 | 117 | 108 | 137 | 158 | 172 | 150 | 154 | 140 | 122 | 64 | 39 | 14 | 2 | 2450 |
| GOODYEAR TIRE + RUBBER COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 871 | 108 | 73 | 101 | 138 | 192 | 170 | 143 | 114 | 130 | 77 | 67 | 75 | 72 | 72 | 2403 |
| Patents By Year of Application: | 1069 | 109 | 132 | 197 | 198 | 168 | 147 | 101 | 99 | 62 | 55 | 41 | 21 | 4 | 0 | 2403 |
| PIONEER ELECTRONIC CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1683 | 141 | 139 | 130 | 120 | 64 | 36 | 28 | 13 | 8 | 5 | 7 | 3 | 3 | 0 | 2380 |
| Patents By Year of Application: | 2009 | 159 | 142 | 18 | 17 | 16 | 10 | 7 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 2380 |
| UOP | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1108 | 88 | 107 | 104 | 84 | 95 | 67 | 68 | 46 | 58 | 51 | 104 | 96 | 143 | 158 | 2377 |
| Patents By Year of Application: | 1283 | 111 | 121 | 93 | 80 | 82 | 58 | 72 | 84 | 85 | 129 | 98 | 57 | 20 | 4 | 2377 |
| NEC ELECTRONICS CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 263 | 264 | 214 | 207 | 261 | 267 | 384 | 476 | 9 | 2345 |
| Patents By Year of Application: | 2 | 8 | 47 | 137 | 213 | 256 | 259 | 230 | 382 | 360 | 257 | 154 | 38 | 2 | 0 | 2345 |
| HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 59 | 126 | 188 | 293 | 322 | 321 | 385 | 340 | 307 | 2341 |
| Patents By Year of Application: | 1 | 9 | 7 | 40 | 120 | 149 | 301 | 405 | 476 | 348 | 299 | 126 | 52 | 8 | 0 | 2341 |
| UNISYS CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1079 | 122 | 91 | 97 | 107 | 118 | 99 | 117 | 83 | 106 | 86 | 89 | 52 | 40 | 23 | 2309 |
| Patents By Year of Application: | 1381 | 152 | 159 | 126 | 103 | 112 | 123 | 64 | 41 | 23 | 10 | 12 | 3 | 0 | 0 | 2309 |
| COMMISSARIAT A L'ENERGIE ATOMIQUE | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 787 | 88 | 81 | 62 | 83 | 87 | 82 | 88 | 83 | 92 | 91 | 98 | 134 | 207 | 218 | 2281 |
| Patents By Year of Application: | 977 | 63 | 104 | 100 | 122 | 152 | 150 | 125 | 134 | 115 | 108 | 92 | 29 | 10 | 0 | 2281 |
| LG Display Co., Ltd. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 274 | 596 | 737 | 643 | 2250 |
| Patents By Year of Application: | 0 | 2 | 1 | 10 | 26 | 41 | 68 | 283 | 501 | 636 | 277 | 188 | 133 | 79 | 5 | 2250 |

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[illegible]

[illegible]

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
|-----------------------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| PHILLIPS PETROLEUM COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1570 | 75 | 72 | 113 | 89 | 80 | 48 | 15 | 9 | 11 | 3 | 2 | 1 | 0 | 0 | 2088 |
| Patents By Year of Application: | 1738 | 120 | 90 | 74 | 28 | 14 | 18 | 4 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 2088 |
| OLYMPUS CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 7 | 0 | 0 | 0 | 0 | 0 | 4 | 180 | 161 | 248 | 256 | 285 | 282 | 324 | 336 | 2083 |
| Patents By Year of Application: | 8 | 12 | 16 | 42 | 62 | 204 | 288 | 383 | 334 | 294 | 206 | 149 | 60 | 25 | 0 | 2083 |
| AIR PRODUCTS AND CHEMICALS, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1037 | 80 | 86 | 104 | 84 | 74 | 97 | 72 | 57 | 67 | 65 | 70 | 58 | 61 | 57 | 2069 |
| Patents By Year of Application: | 1189 | 97 | 100 | 72 | 90 | 109 | 106 | 78 | 75 | 64 | 44 | 35 | 8 | 2 | 0 | 2069 |
| AGERE SYSTEMS INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 18 | 52 | 316 | 274 | 168 | 240 | 193 | 181 | 210 | 235 | 167 | 2054 |
| Patents By Year of Application: | 11 | 46 | 234 | 254 | 282 | 185 | 182 | 214 | 193 | 198 | 124 | 85 | 31 | 14 | 1 | 2054 |
| MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 587 | 99 | 56 | 74 | 78 | 107 | 130 | 106 | 88 | 100 | 104 | 100 | 106 | 157 | 131 | 2023 |
| Patents By Year of Application: | 781 | 66 | 87 | 124 | 177 | 190 | 149 | 156 | 114 | 78 | 57 | 21 | 16 | 7 | 0 | 2023 |
| HEIDELBERGER DRUCKMASCHINEN AG | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 616 | 129 | 93 | 122 | 94 | 157 | 240 | 200 | 83 | 43 | 51 | 55 | 47 | 38 | 45 | 2013 |
| Patents By Year of Application: | 850 | 139 | 145 | 207 | 216 | 152 | 84 | 49 | 63 | 36 | 38 | 19 | 15 | 0 | 0 | 2013 |
| CASIO COMPUTER CO. LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 794 | 74 | 80 | 85 | 70 | 64 | 37 | 36 | 31 | 50 | 70 | 93 | 171 | 171 | 178 | 2004 |
| Patents By Year of Application: | 998 | 91 | 57 | 71 | 37 | 36 | 75 | 107 | 123 | 136 | 136 | 73 | 52 | 12 | 0 | 2004 |
| SAP AKTIENGESELLSCHAFT | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 2 | 7 | 7 | 2 | 9 | 20 | 55 | 150 | 246 | 381 | 647 | 477 | 2003 |
| Patents By Year of Application: | 0 | 12 | 4 | 3 | 19 | 173 | 313 | 511 | 398 | 299 | 177 | 52 | 20 | 21 | 1 | 2003 |
| STANFORD UNIVERSITY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 565 | 79 | 83 | 103 | 84 | 102 | 85 | 75 | 90 | 98 | 85 | 120 | 110 | 155 | 153 | 1987 |
| Patents By Year of Application: | 783 | 107 | 111 | 96 | 125 | 110 | 122 | 93 | 91 | 108 | 123 | 71 | 32 | 14 | 1 | 1987 |
| RESEARCH IN MOTION LIMITED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 6 | 6 | 4 | 8 | 8 | 16 | 13 | 14 | 27 | 84 | 131 | 205 | 306 | 477 | 663 | 1968 |
| Patents By Year of Application: | 20 | 5 | 11 | 17 | 41 | 62 | 94 | 317 | 319 | 342 | 263 | 167 | 174 | 123 | 13 | 1968 |
| NORTHROP GRUMMAN CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 268 | 197 | 164 | 131 | 88 | 96 | 150 | 175 | 143 | 162 | 134 | 114 | 94 | 35 | 4 | 1955 |
| Patents By Year of Application: | 650 | 144 | 117 | 151 | 168 | 139 | 189 | 138 | 144 | 91 | 17 | 4 | 2 | 1 | 0 | 1955 |

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre | | | | | | | | | | | | | | | |
|------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| CALIFORNIA INSTITUTE OF TECHNOLOGY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 381 | 93 | 99 | 103 | 124 | 110 | 139 | 135 | 101 | 115 | 116 | 96 | 93 | 134 | 111 | 1950 |
| Patents By Year of Application: | 627 | 130 | 137 | 155 | 182 | 126 | 109 | 103 | 112 | 102 | 80 | 67 | 11 | 9 | 0 | 1950 |
| PIONEER CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 3 | 50 | 131 | 204 | 248 | 214 | 266 | 223 | 158 | 141 | 150 | 159 | 1947 |
| Patents By Year of Application: | 1 | 6 | 115 | 233 | 310 | 332 | 272 | 203 | 238 | 148 | 81 | 4 | 2 | 2 | 0 | 1947 |
| SEIKO INSTRUMENTS INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 452 | 59 | 70 | 95 | 148 | 183 | 179 | 140 | 61 | 75 | 79 | 68 | 104 | 104 | 130 | 1947 |
| Patents By Year of Application: | 635 | 109 | 155 | 167 | 169 | 114 | 86 | 74 | 94 | 98 | 103 | 77 | 45 | 21 | 0 | 1947 |
| VICTOR COMPANY OF JAPAN, LIMITED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 841 | 77 | 79 | 79 | 63 | 60 | 64 | 86 | 74 | 90 | 82 | 94 | 87 | 90 | 72 | 1938 |
| Patents By Year of Application: | 1031 | 91 | 71 | 68 | 107 | 57 | 94 | 93 | 73 | 74 | 72 | 60 | 37 | 10 | 0 | 1938 |
| CYPRESS SEMICONDUCTOR CORP. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 128 | 105 | 116 | 113 | 107 | 122 | 185 | 175 | 149 | 161 | 115 | 106 | 62 | 137 | 137 | 1918 |
| Patents By Year of Application: | 420 | 99 | 126 | 196 | 270 | 242 | 29 | 158 | 95 | 128 | 97 | 43 | 10 | 5 | 0 | 1918 |
| COMPAQ COMPUTER CORPORATION, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 566 | 245 | 251 | 315 | 358 | 159 | 23 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1917 |
| Patents By Year of Application: | 1332 | 392 | 128 | 53 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1917 |
| FORD GLOBAL TECHNOLOGIES, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 86 | 314 | 256 | 253 | 360 | 388 | 146 | 6 | 5 | 1 | 5 | 3 | 6 | 40 | 47 | 1916 |
| Patents By Year of Application: | 638 | 262 | 273 | 411 | 180 | 47 | 6 | 10 | 14 | 11 | 22 | 20 | 11 | 10 | 1 | 1916 |
| BECTON, DICKINSON AND COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 783 | 157 | 131 | 98 | 79 | 66 | 88 | 71 | 60 | 63 | 45 | 57 | 52 | 84 | 77 | 1911 |
| Patents By Year of Application: | 1089 | 95 | 101 | 91 | 86 | 92 | 115 | 60 | 42 | 31 | 54 | 25 | 22 | 7 | 1 | 1911 |
| HYUNDAI MOTOR COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 161 | 92 | 93 | 60 | 99 | 145 | 105 | 110 | 119 | 133 | 109 | 104 | 125 | 190 | 240 | 1885 |
| Patents By Year of Application: | 373 | 31 | 99 | 144 | 103 | 164 | 156 | 114 | 142 | 136 | 137 | 188 | 85 | 12 | 1 | 1885 |
| GENENTECH, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 337 | 133 | 53 | 78 | 66 | 69 | 71 | 62 | 70 | 146 | 281 | 226 | 86 | 119 | 80 | 1877 |
| Patents By Year of Application: | 650 | 75 | 51 | 92 | 197 | 435 | 53 | 55 | 76 | 87 | 47 | 39 | 14 | 6 | 0 | 1877 |
| CARDIAC PACEMAKERS, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 110 | 20 | 27 | 62 | 71 | 94 | 112 | 87 | 110 | 136 | 153 | 148 | 181 | 238 | 324 | 1873 |
| Patents By Year of Application: | 154 | 69 | 102 | 142 | 163 | 162 | 197 | 212 | 224 | 162 | 123 | 65 | 57 | 36 | 5 | 1873 |

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre | | | | | | | | | | | | | | | |
|-------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| LEXMARK INTERNATIONAL, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 131 | 55 | 107 | 118 | 131 | 115 | 128 | 108 | 91 | 118 | 167 | 147 | 126 | 180 | 148 | 1870 |
| Patents By Year of Application: | 325 | 85 | 117 | 148 | 136 | 128 | 147 | 241 | 191 | 127 | 132 | 74 | 10 | 9 | 0 | 1870 |
| ERICSSON, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 105 | 210 | 292 | 312 | 268 | 251 | 181 | 109 | 59 | 46 | 24 | 8 | 2 | 1 | 1 | 1869 |
| Patents By Year of Application: | 857 | 379 | 315 | 163 | 108 | 33 | 8 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1869 |
| FANUC LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1075 | 71 | 49 | 45 | 53 | 38 | 27 | 28 | 49 | 91 | 91 | 70 | 47 | 62 | 68 | 1864 |
| Patents By Year of Application: | 1213 | 58 | 52 | 27 | 27 | 32 | 66 | 92 | 98 | 73 | 53 | 49 | 11 | 13 | 0 | 1864 |
| DOW CORNING CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1172 | 108 | 105 | 75 | 58 | 51 | 46 | 47 | 15 | 16 | 10 | 22 | 29 | 48 | 48 | 1850 |
| Patents By Year of Application: | 1368 | 88 | 64 | 44 | 57 | 55 | 29 | 45 | 43 | 27 | 16 | 6 | 6 | 2 | 0 | 1850 |
| IMPERIAL CHEMICAL INDUSTRIES PLC | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1557 | 63 | 44 | 40 | 39 | 25 | 17 | 15 | 15 | 9 | 3 | 2 | 4 | 2 | 1 | 1836 |
| Patents By Year of Application: | 1685 | 35 | 38 | 21 | 17 | 25 | 4 | 6 | 4 | 1 | 0 | 0 | 0 | 0 | 0 | 1836 |
| ANALOG DEVICES, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 376 | 69 | 65 | 54 | 64 | 67 | 116 | 118 | 129 | 141 | 142 | 122 | 84 | 142 | 128 | 1817 |
| Patents By Year of Application: | 520 | 65 | 69 | 85 | 118 | 178 | 128 | 158 | 131 | 109 | 97 | 90 | 63 | 6 | 0 | 1817 |
| HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN (HENKEL KGAA) | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 997 | 85 | 83 | 56 | 94 | 70 | 63 | 67 | 29 | 42 | 48 | 43 | 34 | 50 | 54 | 1815 |
| Patents By Year of Application: | 1200 | 66 | 93 | 72 | 73 | 70 | 38 | 53 | 37 | 40 | 32 | 19 | 12 | 7 | 3 | 1815 |
| SCI-MED LIFE SYSTEMS, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 190 | 53 | 83 | 147 | 180 | 222 | 311 | 250 | 138 | 114 | 59 | 28 | 17 | 9 | 14 | 1815 |
| Patents By Year of Application: | 378 | 170 | 228 | 290 | 334 | 209 | 130 | 46 | 16 | 5 | 5 | 3 | 0 | 1 | 0 | 1815 |
| ORACLE INTERNATIONAL CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 2 | 36 | 94 | 93 | 174 | 168 | 201 | 203 | 372 | 439 | 1782 |
| Patents By Year of Application: | 4 | 3 | 37 | 111 | 201 | 234 | 250 | 237 | 221 | 160 | 194 | 92 | 23 | 14 | 1 | 1782 |
| AT& T Intellectual Property I, L.P. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 136 | 420 | 479 | 717 | 1752 |
| Patents By Year of Application: | 0 | 0 | 6 | 13 | 36 | 71 | 166 | 165 | 285 | 287 | 272 | 248 | 160 | 39 | 4 | 1752 |
| WARNER-LAMBERT COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1066 | 62 | 80 | 85 | 81 | 72 | 69 | 58 | 64 | 54 | 32 | 13 | 2 | 7 | 2 | 1747 |
| Patents By Year of Application: | 1195 | 97 | 91 | 72 | 80 | 84 | 61 | 40 | 15 | 10 | 2 | 0 | 0 | 0 | 0 | 1747 |

----- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ----- Ranked List of Organizations with 1000 or More Patents -----

| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
|-------------------------------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| MARVELL INTERNATIONAL LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 5 | 21 | 17 | 28 | 52 | 108 | 160 | 179 | 244 | 388 | 517 | 1719 |
| Patents By Year of Application: | 0 | 1 | 3 | 51 | 21 | 89 | 120 | 182 | 174 | 217 | 327 | 279 | 128 | 119 | 8 | 1719 |
| DAIMLER-BENZ AKTIENGESELLSCHAFT | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1245 | 241 | 174 | 36 | 17 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1716 |
| Patents By Year of Application: | 1640 | 72 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1716 |
| WISCONSIN ALUMNI RESEARCH FOUNDATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 427 | 83 | 86 | 64 | 72 | 80 | 84 | 64 | 77 | 101 | 91 | 90 | 115 | 136 | 144 | 1714 |
| Patents By Year of Application: | 600 | 71 | 93 | 92 | 118 | 111 | 93 | 113 | 115 | 117 | 94 | 69 | 19 | 9 | 0 | 1714 |
| AU OPTRONICS CORP. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 12 | 40 | 78 | 107 | 168 | 181 | 183 | 239 | 365 | 338 | 1711 |
| Patents By Year of Application: | 0 | 0 | 1 | 14 | 49 | 50 | 209 | 235 | 233 | 284 | 259 | 195 | 111 | 66 | 5 | 1711 |
| ROHM AND HAAS COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 741 | 71 | 85 | 78 | 95 | 76 | 83 | 86 | 61 | 77 | 55 | 46 | 48 | 55 | 53 | 1710 |
| Patents By Year of Application: | 901 | 85 | 93 | 89 | 105 | 102 | 98 | 49 | 52 | 44 | 34 | 36 | 15 | 5 | 2 | 1710 |
| STMICROELECTRONICS S.A. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 1 | 22 | 77 | 108 | 138 | 147 | 148 | 135 | 170 | 158 | 140 | 153 | 173 | 131 | 1701 |
| Patents By Year of Application: | 10 | 102 | 171 | 195 | 141 | 210 | 189 | 171 | 151 | 156 | 122 | 49 | 23 | 11 | 0 | 1701 |
| WHITAKER CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 863 | 217 | 229 | 257 | 79 | 38 | 8 | 3 | 1 | 2 | 0 | 0 | 0 | 0 | 0 | 1697 |
| Patents By Year of Application: | 1340 | 228 | 103 | 20 | 5 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1697 |
| TEKTRONIX INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 960 | 66 | 80 | 58 | 53 | 59 | 54 | 57 | 48 | 37 | 49 | 47 | 41 | 44 | 42 | 1695 |
| Patents By Year of Application: | 1128 | 90 | 31 | 67 | 61 | 61 | 48 | 49 | 57 | 49 | 29 | 23 | 2 | 0 | 0 | 1695 |
| SAMSUNG ELECTRO-MECHANICS CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 49 | 47 | 29 | 18 | 35 | 45 | 79 | 78 | 82 | 126 | 149 | 170 | 223 | 272 | 292 | 1694 |
| Patents By Year of Application: | 135 | 14 | 42 | 25 | 83 | 93 | 124 | 155 | 166 | 250 | 240 | 223 | 114 | 28 | 2 | 1694 |
| AMERICAN CYANAMID COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1284 | 112 | 111 | 66 | 69 | 31 | 10 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1687 |
| Patents By Year of Application: | 1507 | 61 | 72 | 41 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1687 |
| FUJINON CORPORATION (FORMERLY FUJI PHOTO OPTICAL CO. LTD.) | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 261 | 102 | 86 | 114 | 94 | 126 | 130 | 124 | 81 | 90 | 82 | 79 | 111 | 111 | 84 | 1675 |
| Patents By Year of Application: | 434 | 93 | 131 | 127 | 123 | 134 | 112 | 97 | 101 | 106 | 91 | 69 | 52 | 4 | 1 | 1675 |

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
|-----------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| BLACK & DECKER INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 344 | 73 | 60 | 73 | 77 | 64 | 83 | 74 | 75 | 138 | 128 | 125 | 105 | 136 | 115 | 1670 |
| Patents By Year of Application: | 489 | 64 | 89 | 64 | 87 | 118 | 125 | 145 | 142 | 111 | 112 | 81 | 32 | 9 | 2 | 1670 |
| MACRONIX INTERNATIONAL CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 30 | 23 | 31 | 32 | 39 | 123 | 183 | 162 | 101 | 109 | 129 | 136 | 161 | 191 | 216 | 1666 |
| Patents By Year of Application: | 84 | 26 | 44 | 37 | 208 | 218 | 148 | 135 | 142 | 209 | 188 | 120 | 71 | 33 | 3 | 1666 |
| EXXON RESEARCH + ENGINEERING CO. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1252 | 105 | 122 | 101 | 70 | 8 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1660 |
| Patents By Year of Application: | 1473 | 113 | 65 | 8 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1660 |
| BOSTON SCIENTIFIC SCIMED, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 3 | 8 | 6 | 81 | 127 | 147 | 175 | 250 | 416 | 445 | 1658 |
| Patents By Year of Application: | 4 | 3 | 5 | 28 | 63 | 174 | 315 | 309 | 277 | 195 | 124 | 74 | 51 | 32 | 4 | 1658 |
| TOYODA GOSEI KABUSHIKI KAISHA | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 487 | 75 | 67 | 57 | 50 | 84 | 86 | 88 | 116 | 91 | 106 | 78 | 84 | 91 | 95 | 1655 |
| Patents By Year of Application: | 640 | 67 | 45 | 88 | 97 | 133 | 118 | 117 | 94 | 80 | 75 | 57 | 35 | 8 | 1 | 1655 |
| NOKIA MOBILE PHONES LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 227 | 109 | 152 | 169 | 187 | 207 | 202 | 165 | 104 | 94 | 16 | 5 | 5 | 3 | 0 | 1645 |
| Patents By Year of Application: | 671 | 222 | 238 | 289 | 183 | 20 | 8 | 9 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 1645 |
| SMITHKLINE BEECHAM CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 173 | 94 | 184 | 193 | 248 | 206 | 130 | 78 | 53 | 78 | 66 | 66 | 59 | 10 | 1 | 1639 |
| Patents By Year of Application: | 530 | 216 | 220 | 160 | 160 | 143 | 86 | 44 | 26 | 28 | 15 | 9 | 2 | 0 | 0 | 1639 |
| AGFA-GEVAERT N.V. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 605 | 140 | 128 | 174 | 140 | 104 | 80 | 71 | 46 | 60 | 43 | 17 | 5 | 6 | 10 | 1629 |
| Patents By Year of Application: | 899 | 164 | 132 | 106 | 86 | 78 | 82 | 38 | 23 | 10 | 9 | 0 | 1 | 1 | 0 | 1629 |
| CHRYSLER MOTORS CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1056 | 166 | 215 | 149 | 35 | 6 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1627 |
| Patents By Year of Application: | 1426 | 185 | 11 | 5 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1627 |
| BAXTER INTERNATIONAL INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 747 | 96 | 101 | 77 | 77 | 54 | 66 | 46 | 52 | 63 | 33 | 27 | 21 | 53 | 105 | 1618 |
| Patents By Year of Application: | 1001 | 85 | 69 | 57 | 69 | 89 | 55 | 21 | 30 | 30 | 44 | 29 | 13 | 16 | 10 | 1618 |
| DAI NIPPON PRINTING CO. LTD | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 220 | 103 | 86 | 105 | 87 | 78 | 91 | 113 | 86 | 103 | 90 | 92 | 115 | 124 | 124 | 1617 |
| Patents By Year of Application: | 451 | 97 | 103 | 75 | 130 | 135 | 149 | 118 | 133 | 99 | 70 | 28 | 19 | 8 | 2 | 1617 |

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre | | | | | | | | | | | | | | | |
|-----------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| MOLEX INCORPORATED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 603 | 79 | 88 | 107 | 107 | 70 | 40 | 92 | 73 | 86 | 49 | 53 | 26 | 46 | 60 | 1579 |
| Patents By Year of Application: | 783 | 97 | 96 | 83 | 54 | 66 | 92 | 89 | 73 | 51 | 39 | 32 | 14 | 10 | 0 | 1579 |
| COLGATE-PALMOLIVE COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 680 | 110 | 138 | 91 | 95 | 121 | 87 | 32 | 25 | 30 | 26 | 33 | 22 | 34 | 43 | 1567 |
| Patents By Year of Application: | 891 | 77 | 87 | 98 | 88 | 106 | 62 | 37 | 35 | 26 | 24 | 18 | 10 | 7 | 1 | 1567 |
| ROCKWELL INTERNATIONAL CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1403 | 77 | 67 | 11 | 6 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1566 |
| Patents By Year of Application: | 1554 | 8 | 3 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1566 |
| Hong Fu Jin Precision Industry (Shenzhen) Co., Ltd. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 23 | 105 | 196 | 286 | 456 | 495 | 1561 |
| Patents By Year of Application: | 0 | 0 | 0 | 0 | 0 | 5 | 5 | 98 | 149 | 306 | 315 | 347 | 272 | 62 | 2 | 1561 |
| SUMITOMO RUBBER INDUSTRIES, LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 477 | 76 | 57 | 71 | 82 | 83 | 125 | 125 | 75 | 71 | 67 | 60 | 57 | 64 | 60 | 1550 |
| Patents By Year of Application: | 645 | 79 | 87 | 98 | 126 | 124 | 88 | 66 | 80 | 81 | 51 | 14 | 7 | 4 | 0 | 1550 |
| ASML NETHERLANDS B.V. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 6 | 1 | 3 | 7 | 7 | 34 | 33 | 64 | 92 | 211 | 205 | 271 | 205 | 216 | 182 | 1537 |
| Patents By Year of Application: | 13 | 8 | 16 | 39 | 38 | 65 | 171 | 447 | 252 | 262 | 112 | 72 | 26 | 12 | 4 | 1537 |
| ASAHI GLASS COMPANY, LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 447 | 64 | 67 | 53 | 81 | 81 | 105 | 92 | 59 | 76 | 49 | 75 | 69 | 117 | 97 | 1532 |
| Patents By Year of Application: | 596 | 64 | 79 | 74 | 100 | 110 | 68 | 68 | 84 | 75 | 90 | 66 | 38 | 19 | 1 | 1532 |
| CIBA SPECIALTY CHEMICALS CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 23 | 164 | 182 | 158 | 114 | 142 | 124 | 98 | 88 | 114 | 91 | 69 | 74 | 82 | 6 | 1529 |
| Patents By Year of Application: | 367 | 176 | 103 | 138 | 161 | 183 | 156 | 97 | 59 | 45 | 23 | 13 | 8 | 0 | 0 | 1529 |
| AMP INCORPORATED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1517 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1517 |
| Patents By Year of Application: | 1517 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1517 |
| EXXONMOBIL CHEMICAL PATENTS INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 58 | 126 | 100 | 88 | 113 | 154 | 166 | 158 | 142 | 211 | 194 | 1510 |
| Patents By Year of Application: | 32 | 18 | 72 | 122 | 94 | 164 | 220 | 153 | 208 | 154 | 139 | 74 | 28 | 28 | 4 | 1510 |
| VISTEON GLOBAL TECHNOLOGIES, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 1 | 30 | 202 | 186 | 243 | 273 | 193 | 137 | 80 | 41 | 49 | 41 | 32 | 1508 |
| Patents By Year of Application: | 20 | 54 | 176 | 197 | 270 | 301 | 209 | 94 | 77 | 34 | 43 | 29 | 3 | 0 | 1 | 1508 |

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre | | | | | | | | | | | | | | | |
|------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| NIPPON STEEL CORP. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 777 | 94 | 67 | 56 | 51 | 62 | 59 | 41 | 45 | 28 | 26 | 22 | 25 | 64 | 73 | 1490 |
| Patents By Year of Application: | 967 | 52 | 58 | 54 | 65 | 77 | 60 | 48 | 31 | 24 | 30 | 8 | 9 | 6 | 1 | 1490 |
| AMOCO CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1402 | 67 | 16 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1485 |
| Patents By Year of Application: | 1484 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1485 |
| NORTHERN TELECOM LIMITED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 940 | 198 | 240 | 70 | 19 | 11 | 2 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1481 |
| Patents By Year of Application: | 1424 | 54 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1481 |
| NITTO DENKO CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 174 | 35 | 40 | 56 | 70 | 74 | 78 | 89 | 84 | 109 | 100 | 103 | 118 | 160 | 187 | 1477 |
| Patents By Year of Application: | 269 | 53 | 78 | 93 | 109 | 121 | 122 | 145 | 122 | 90 | 105 | 88 | 60 | 19 | 3 | 1477 |
| MITSUBISHI HEAVY INDUSTRIES, LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 3 | 14 | 85 | 149 | 164 | 139 | 153 | 118 | 110 | 68 | 72 | 75 | 74 | 109 | 141 | 1474 |
| Patents By Year of Application: | 86 | 176 | 177 | 124 | 164 | 202 | 103 | 90 | 69 | 98 | 85 | 64 | 23 | 12 | 1 | 1474 |
| NIPPON TELEGRAPH & TELEPHONE CORP. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 549 | 89 | 58 | 67 | 78 | 56 | 64 | 65 | 52 | 76 | 64 | 56 | 63 | 71 | 65 | 1473 |
| Patents By Year of Application: | 741 | 86 | 81 | 78 | 63 | 86 | 79 | 101 | 66 | 38 | 27 | 15 | 8 | 4 | 0 | 1473 |
| ADVANTEST CORP. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 143 | 80 | 76 | 70 | 103 | 123 | 92 | 73 | 52 | 86 | 93 | 110 | 113 | 137 | 119 | 1470 |
| Patents By Year of Application: | 313 | 101 | 131 | 99 | 93 | 63 | 80 | 100 | 112 | 118 | 118 | 83 | 54 | 5 | 0 | 1470 |
| FUJI ELECTRIC CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 809 | 87 | 110 | 72 | 53 | 57 | 75 | 74 | 49 | 32 | 12 | 6 | 1 | 0 | 20 | 1457 |
| Patents By Year of Application: | 999 | 71 | 50 | 77 | 86 | 78 | 54 | 11 | 7 | 3 | 5 | 9 | 5 | 1 | 1 | 1457 |
| CARRIER CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 558 | 65 | 61 | 99 | 94 | 79 | 90 | 77 | 72 | 67 | 61 | 30 | 20 | 41 | 41 | 1455 |
| Patents By Year of Application: | 688 | 96 | 66 | 93 | 95 | 96 | 98 | 119 | 60 | 30 | 9 | 3 | 1 | 1 | 0 | 1455 |
| DAIKIN INDUSTRIES LIMITED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 451 | 60 | 43 | 60 | 80 | 68 | 65 | 76 | 58 | 58 | 56 | 55 | 76 | 121 | 128 | 1455 |
| Patents By Year of Application: | 573 | 73 | 77 | 65 | 94 | 110 | 101 | 98 | 103 | 63 | 62 | 25 | 7 | 4 | 0 | 1455 |
| SCHERING CORP. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 447 | 78 | 81 | 52 | 72 | 62 | 61 | 44 | 58 | 71 | 68 | 73 | 98 | 110 | 69 | 1444 |
| Patents By Year of Application: | 641 | 54 | 67 | 59 | 78 | 81 | 79 | 72 | 78 | 102 | 65 | 31 | 26 | 9 | 2 | 1444 |

----- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ----- Ranked List of Organizations with 1000 or More Patents -----

| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
|-------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| DEGUSSA AKTIENGESELLSCHAFT | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 607 | 63 | 49 | 21 | 39 | 86 | 102 | 117 | 86 | 90 | 65 | 48 | 43 | 21 | 1 | 1438 |
| Patents By Year of Application: | 729 | 33 | 45 | 66 | 183 | 136 | 110 | 67 | 44 | 19 | 2 | 3 | 1 | 0 | 0 | 1438 |
| 3COM CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 69 | 35 | 90 | 155 | 220 | 188 | 200 | 182 | 89 | 83 | 33 | 34 | 31 | 22 | 0 | 1431 |
| Patents By Year of Application: | 274 | 273 | 338 | 258 | 143 | 65 | 41 | 21 | 10 | 6 | 1 | 1 | 0 | 0 | 0 | 1431 |
| FUJI JUKOGYO KABUSHIKI KAISHA | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 721 | 40 | 32 | 43 | 54 | 50 | 83 | 81 | 45 | 62 | 47 | 35 | 38 | 48 | 40 | 1419 |
| Patents By Year of Application: | 796 | 44 | 51 | 58 | 93 | 75 | 69 | 76 | 51 | 36 | 34 | 29 | 7 | 0 | 0 | 1419 |
| SHARP LABORATORIES OF AMERICA, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 2 | 23 | 37 | 61 | 77 | 115 | 103 | 105 | 164 | 168 | 144 | 94 | 136 | 179 | 1408 |
| Patents By Year of Application: | 38 | 63 | 117 | 99 | 157 | 135 | 176 | 192 | 160 | 107 | 98 | 48 | 10 | 8 | 0 | 1408 |
| BASF CORP. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 682 | 95 | 88 | 82 | 58 | 83 | 55 | 45 | 39 | 31 | 28 | 21 | 23 | 38 | 39 | 1407 |
| Patents By Year of Application: | 908 | 68 | 60 | 72 | 67 | 52 | 35 | 34 | 41 | 25 | 16 | 20 | 8 | 1 | 0 | 1407 |
| EXXON CHEMICALS PATENTS INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 980 | 119 | 112 | 110 | 66 | 5 | 5 | 2 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 1400 |
| Patents By Year of Application: | 1276 | 82 | 38 | 3 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1400 |
| THOMSON-CSF | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1091 | 66 | 67 | 47 | 46 | 46 | 21 | 12 | 2 | 2 | 0 | 0 | 0 | 0 | 0 | 1400 |
| Patents By Year of Application: | 1240 | 55 | 42 | 42 | 19 | 0 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1400 |
| ROLLS-ROYCE PLC | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 480 | 26 | 36 | 43 | 42 | 42 | 56 | 54 | 50 | 87 | 76 | 86 | 74 | 119 | 121 | 1392 |
| Patents By Year of Application: | 562 | 37 | 43 | 44 | 53 | 65 | 81 | 116 | 126 | 98 | 93 | 40 | 27 | 7 | 0 | 1392 |
| FUNAI ELECTRIC CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 50 | 10 | 16 | 28 | 39 | 40 | 39 | 56 | 62 | 114 | 123 | 146 | 228 | 237 | 202 | 1390 |
| Patents By Year of Application: | 82 | 47 | 42 | 43 | 65 | 78 | 91 | 157 | 234 | 223 | 186 | 114 | 23 | 5 | 0 | 1390 |
| FURUKAWA ELECTRIC CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 368 | 41 | 53 | 40 | 52 | 85 | 134 | 160 | 100 | 63 | 45 | 39 | 51 | 74 | 78 | 1383 |
| Patents By Year of Application: | 476 | 40 | 51 | 98 | 184 | 153 | 87 | 38 | 46 | 47 | 41 | 80 | 29 | 11 | 2 | 1383 |
| THOMSON LICENSING | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 25 | 235 | 208 | 193 | 185 | 262 | 268 | 1377 |
| Patents By Year of Application: | 6 | 11 | 37 | 88 | 159 | 208 | 266 | 250 | 152 | 98 | 56 | 23 | 13 | 10 | 0 | 1377 |

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---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
|--------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| NSK LIMITED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 275 | 60 | 58 | 70 | 117 | 117 | 104 | 111 | 88 | 90 | 91 | 91 | 43 | 31 | 30 | 1376 |
| Patents By Year of Application: | 409 | 84 | 105 | 107 | 145 | 136 | 138 | 103 | 69 | 41 | 34 | 3 | 0 | 2 | 0 | 1376 |
| LAM RESEARCH CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 47 | 42 | 45 | 78 | 103 | 107 | 132 | 103 | 125 | 110 | 89 | 74 | 93 | 116 | 111 | 1375 |
| Patents By Year of Application: | 184 | 58 | 109 | 148 | 123 | 134 | 143 | 120 | 99 | 101 | 74 | 45 | 20 | 16 | 1 | 1375 |
| MONSANTO COMPANY, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1030 | 77 | 83 | 77 | 63 | 10 | 11 | 6 | 4 | 2 | 0 | 1 | 0 | 0 | 2 | 1366 |
| Patents By Year of Application: | 1223 | 54 | 55 | 17 | 9 | 5 | 1 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 1366 |
| SYMBOL TECHNOLOGIES, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 241 | 64 | 62 | 47 | 38 | 38 | 59 | 81 | 59 | 121 | 125 | 117 | 103 | 105 | 103 | 1363 |
| Patents By Year of Application: | 390 | 57 | 37 | 87 | 91 | 90 | 102 | 122 | 122 | 104 | 89 | 57 | 12 | 3 | 0 | 1363 |
| W. R. GRACE & CO.-CONN. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1053 | 56 | 28 | 16 | 30 | 28 | 23 | 23 | 24 | 16 | 10 | 8 | 7 | 10 | 18 | 1350 |
| Patents By Year of Application: | 1150 | 21 | 19 | 23 | 30 | 30 | 27 | 16 | 11 | 12 | 4 | 5 | 1 | 1 | 0 | 1350 |
| VIA TECHNOLOGIES, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 2 | 16 | 20 | 42 | 52 | 116 | 128 | 188 | 183 | 163 | 179 | 144 | 116 | 1349 |
| Patents By Year of Application: | 1 | 19 | 47 | 43 | 73 | 189 | 184 | 209 | 162 | 220 | 124 | 48 | 25 | 5 | 0 | 1349 |
| JOHNS HOPKINS UNIVERSITY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 284 | 79 | 97 | 72 | 80 | 81 | 70 | 94 | 71 | 91 | 62 | 66 | 56 | 71 | 70 | 1344 |
| Patents By Year of Application: | 504 | 102 | 90 | 86 | 99 | 108 | 117 | 84 | 36 | 43 | 37 | 25 | 8 | 5 | 0 | 1344 |
| INTERNATIONAL GAME TECHNOLOGY (IGT) | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 17 | 12 | 8 | 6 | 18 | 38 | 71 | 108 | 100 | 81 | 95 | 124 | 131 | 262 | 272 | 1343 |
| Patents By Year of Application: | 44 | 14 | 16 | 110 | 143 | 172 | 179 | 186 | 140 | 158 | 106 | 52 | 16 | 5 | 2 | 1343 |
| MONSANTO TECHNOLOGY, LLC | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 5 | 36 | 45 | 33 | 51 | 61 | 137 | 169 | 259 | 308 | 234 | 1338 |
| Patents By Year of Application: | 8 | 6 | 24 | 43 | 69 | 89 | 83 | 64 | 95 | 160 | 272 | 272 | 143 | 10 | 0 | 1338 |
| INTERDIGITAL TECHNOLOGY CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 56 | 14 | 23 | 17 | 27 | 40 | 54 | 103 | 106 | 181 | 137 | 135 | 158 | 140 | 146 | 1337 |
| Patents By Year of Application: | 108 | 12 | 31 | 39 | 92 | 242 | 163 | 183 | 171 | 107 | 89 | 58 | 34 | 8 | 0 | 1337 |
| NESTEC, S.A. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 526 | 67 | 107 | 72 | 90 | 64 | 73 | 56 | 46 | 35 | 38 | 20 | 31 | 60 | 45 | 1330 |
| Patents By Year of Application: | 711 | 83 | 68 | 103 | 89 | 71 | 56 | 53 | 35 | 25 | 25 | 5 | 5 | 1 | 0 | 1330 |

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre | | | | | | | | | | | | | | | |
|----------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| NVIDIA CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 10 | 12 | 5 | 6 | 14 | 15 | 25 | 42 | 52 | 102 | 108 | 175 | 271 | 229 | 264 | 1330 |
| Patents By Year of Application: | 27 | 16 | 24 | 32 | 52 | 93 | 160 | 190 | 231 | 247 | 188 | 43 | 25 | 2 | 0 | 1330 |
| TEXACO INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1085 | 34 | 35 | 43 | 25 | 19 | 16 | 13 | 4 | 8 | 10 | 9 | 7 | 8 | 6 | 1322 |
| Patents By Year of Application: | 1158 | 48 | 23 | 15 | 27 | 11 | 13 | 14 | 1 | 6 | 0 | 6 | 0 | 0 | 0 | 1322 |
| EASTMAN CHEMICAL COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 307 | 63 | 111 | 117 | 106 | 96 | 73 | 53 | 35 | 27 | 55 | 59 | 68 | 72 | 79 | 1321 |
| Patents By Year of Application: | 481 | 124 | 103 | 103 | 75 | 59 | 59 | 55 | 66 | 93 | 56 | 23 | 17 | 7 | 0 | 1321 |
| EBARA CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 262 | 75 | 78 | 75 | 81 | 123 | 94 | 96 | 78 | 78 | 79 | 55 | 45 | 40 | 59 | 1318 |
| Patents By Year of Application: | 444 | 78 | 70 | 143 | 135 | 97 | 96 | 82 | 51 | 35 | 40 | 32 | 9 | 6 | 0 | 1318 |
| HOYA CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 198 | 19 | 36 | 34 | 37 | 38 | 48 | 63 | 48 | 45 | 53 | 114 | 193 | 212 | 180 | 1318 |
| Patents By Year of Application: | 264 | 31 | 43 | 50 | 57 | 69 | 96 | 89 | 166 | 157 | 144 | 72 | 57 | 23 | 0 | 1318 |
| TAKEDA CHEMICAL INDUSTRIES LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 803 | 72 | 80 | 70 | 102 | 64 | 46 | 39 | 18 | 10 | 2 | 3 | 1 | 0 | 0 | 1310 |
| Patents By Year of Application: | 997 | 49 | 93 | 65 | 48 | 45 | 9 | 2 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 1310 |
| NGK SPARK PLUG CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 453 | 44 | 64 | 54 | 68 | 59 | 92 | 90 | 54 | 59 | 46 | 52 | 48 | 57 | 65 | 1305 |
| Patents By Year of Application: | 573 | 58 | 74 | 65 | 97 | 99 | 61 | 66 | 52 | 56 | 47 | 43 | 13 | 1 | 0 | 1305 |
| DAEWOO ELECTRONICS COMPANY, LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 417 | 319 | 274 | 120 | 54 | 15 | 4 | 7 | 12 | 12 | 13 | 17 | 17 | 13 | 7 | 1301 |
| Patents By Year of Application: | 1003 | 170 | 19 | 7 | 7 | 10 | 8 | 26 | 17 | 18 | 8 | 7 | 1 | 0 | 0 | 1301 |
| HOECHST CELANESE CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1194 | 68 | 25 | 10 | 3 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1300 |
| Patents By Year of Application: | 1295 | 3 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1300 |
| SHIMANO INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 218 | 62 | 78 | 80 | 82 | 90 | 84 | 57 | 81 | 105 | 73 | 72 | 67 | 89 | 61 | 1299 |
| Patents By Year of Application: | 379 | 67 | 74 | 81 | 91 | 87 | 107 | 99 | 105 | 84 | 58 | 41 | 21 | 5 | 0 | 1299 |
| BRITISH TELECOMMUNICATION, PLC | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 511 | 73 | 80 | 70 | 94 | 56 | 48 | 32 | 31 | 40 | 56 | 45 | 49 | 53 | 60 | 1298 |
| Patents By Year of Application: | 726 | 184 | 37 | 76 | 84 | 54 | 42 | 34 | 24 | 23 | 13 | 1 | 0 | 0 | 0 | 1298 |

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre | | | | | | | | | | | | | | | |
|-------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| ADVANCED CARDIOVASCULAR SYSTEMS, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 179 | 30 | 37 | 54 | 76 | 96 | 184 | 109 | 78 | 68 | 68 | 69 | 62 | 100 | 85 | 1295 |
| Patents By Year of Application: | 275 | 58 | 139 | 158 | 162 | 130 | 112 | 65 | 58 | 56 | 25 | 36 | 12 | 9 | 0 | 1295 |
| SHOWA DENKO KABUSHIKI KAISHA | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 269 | 32 | 37 | 51 | 70 | 85 | 70 | 86 | 63 | 88 | 48 | 55 | 90 | 123 | 126 | 1293 |
| Patents By Year of Application: | 352 | 54 | 59 | 91 | 110 | 123 | 109 | 97 | 110 | 86 | 43 | 35 | 17 | 7 | 0 | 1293 |
| KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO, LTD.) | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 515 | 66 | 57 | 52 | 62 | 57 | 58 | 53 | 24 | 49 | 38 | 48 | 51 | 64 | 91 | 1285 |
| Patents By Year of Application: | 659 | 39 | 64 | 57 | 66 | 64 | 57 | 60 | 58 | 55 | 47 | 37 | 18 | 4 | 0 | 1285 |
| PACESETTER, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 123 | 87 | 45 | 31 | 53 | 77 | 76 | 81 | 76 | 98 | 116 | 85 | 81 | 137 | 115 | 1281 |
| Patents By Year of Application: | 256 | 38 | 68 | 68 | 144 | 127 | 87 | 120 | 116 | 116 | 95 | 26 | 14 | 6 | 0 | 1281 |
| NOVARTIS AG (FORMERLY SANDOZ LTD.) | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 6 | 19 | 72 | 95 | 113 | 95 | 84 | 78 | 76 | 81 | 51 | 61 | 69 | 183 | 192 | 1275 |
| Patents By Year of Application: | 127 | 92 | 116 | 106 | 112 | 118 | 129 | 99 | 92 | 104 | 77 | 47 | 38 | 17 | 1 | 1275 |
| DANA CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 525 | 82 | 86 | 102 | 97 | 77 | 70 | 86 | 56 | 48 | 33 | 12 | 0 | 0 | 0 | 1274 |
| Patents By Year of Application: | 717 | 80 | 111 | 63 | 103 | 77 | 76 | 22 | 23 | 2 | 0 | 0 | 0 | 0 | 0 | 1274 |
| NTT DOCOMO, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 1 | 0 | 4 | 6 | 18 | 65 | 135 | 145 | 152 | 202 | 277 | 269 | 1274 |
| Patents By Year of Application: | 2 | 2 | 9 | 37 | 111 | 173 | 180 | 162 | 174 | 194 | 120 | 65 | 35 | 8 | 2 | 1274 |
| ADC TELECOMMUNICATIONS, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 103 | 10 | 23 | 23 | 45 | 68 | 99 | 95 | 82 | 84 | 89 | 131 | 142 | 145 | 114 | 1253 |
| Patents By Year of Application: | 147 | 37 | 61 | 81 | 127 | 97 | 49 | 63 | 95 | 116 | 164 | 121 | 69 | 24 | 2 | 1253 |
| SPRINT COMMUNICATIONS COMPANY L.P. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 11 | 14 | 13 | 22 | 29 | 42 | 54 | 86 | 69 | 110 | 112 | 122 | 126 | 202 | 240 | 1252 |
| Patents By Year of Application: | 61 | 53 | 52 | 89 | 81 | 135 | 147 | 151 | 139 | 133 | 109 | 66 | 29 | 7 | 0 | 1252 |
| KYOCERA CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 246 | 38 | 37 | 50 | 46 | 57 | 68 | 43 | 43 | 52 | 70 | 74 | 104 | 129 | 191 | 1248 |
| Patents By Year of Application: | 337 | 56 | 44 | 59 | 59 | 58 | 68 | 119 | 159 | 135 | 91 | 37 | 21 | 4 | 1 | 1248 |
| AVAYA TECHNOLOGY CORP. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 3 | 170 | 128 | 92 | 81 | 46 | 71 | 68 | 74 | 79 | 200 | 233 | 1245 |
| Patents By Year of Application: | 26 | 106 | 206 | 149 | 54 | 107 | 102 | 113 | 130 | 122 | 69 | 45 | 10 | 6 | 0 | 1245 |

----- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ----- Ranked List of Organizations with 1000 or More Patents -----

| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
|-----------------------------------------------------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| ZF FRIEDRICHSHAFEN, AG | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 220 | 34 | 31 | 36 | 52 | 45 | 54 | 60 | 55 | 82 | 93 | 99 | 98 | 145 | 140 | 1244 |
| Patents By Year of Application: | 277 | 38 | 51 | 39 | 71 | 96 | 105 | 128 | 121 | 128 | 133 | 41 | 14 | 2 | 0 | 1244 |
| KOITO MANUFACTURING COMPANY LIMITED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 321 | 47 | 49 | 61 | 67 | 84 | 97 | 63 | 52 | 67 | 87 | 72 | 56 | 65 | 53 | 1241 |
| Patents By Year of Application: | 424 | 61 | 56 | 93 | 77 | 87 | 78 | 70 | 96 | 66 | 61 | 54 | 18 | 0 | 0 | 1241 |
| LEAR CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 21 | 61 | 77 | 58 | 49 | 60 | 83 | 117 | 118 | 198 | 127 | 65 | 68 | 68 | 71 | 1241 |
| Patents By Year of Application: | 159 | 54 | 55 | 79 | 69 | 138 | 181 | 198 | 113 | 57 | 56 | 51 | 19 | 12 | 0 | 1241 |
| FMC CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 786 | 97 | 80 | 73 | 47 | 46 | 16 | 15 | 10 | 6 | 4 | 3 | 10 | 17 | 15 | 1225 |
| Patents By Year of Application: | 975 | 63 | 46 | 54 | 19 | 17 | 8 | 10 | 8 | 10 | 6 | 7 | 2 | 0 | 0 | 1225 |
| SANDISK CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 24 | 11 | 16 | 19 | 26 | 23 | 34 | 38 | 63 | 83 | 135 | 211 | 239 | 181 | 122 | 1225 |
| Patents By Year of Application: | 53 | 30 | 22 | 27 | 51 | 66 | 75 | 98 | 181 | 277 | 192 | 91 | 48 | 14 | 0 | 1225 |
| FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 214 | 50 | 59 | 65 | 60 | 92 | 79 | 71 | 53 | 65 | 49 | 69 | 64 | 97 | 132 | 1219 |
| Patents By Year of Application: | 343 | 61 | 93 | 108 | 116 | 95 | 75 | 59 | 89 | 70 | 59 | 34 | 15 | 2 | 0 | 1219 |
| JAPAN AS REPRESENTED BY DIRECTOR GENERAL OF AGENCY OF INDUSTRIAL SCIENCE AND TECHNOLOGY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 795 | 71 | 57 | 70 | 65 | 55 | 54 | 23 | 9 | 10 | 3 | 0 | 0 | 1 | 0 | 1213 |
| Patents By Year of Application: | 938 | 56 | 63 | 117 | 8 | 16 | 8 | 6 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1213 |
| NXP B.V. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 4 | 181 | 192 | 271 | 240 | 319 | 1207 |
| Patents By Year of Application: | 0 | 0 | 2 | 5 | 29 | 84 | 240 | 293 | 218 | 168 | 99 | 42 | 20 | 7 | 0 | 1207 |
| ETHICON, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 406 | 55 | 60 | 75 | 73 | 68 | 90 | 60 | 39 | 65 | 53 | 23 | 43 | 47 | 42 | 1199 |
| Patents By Year of Application: | 528 | 87 | 84 | 82 | 107 | 88 | 75 | 51 | 44 | 21 | 18 | 9 | 3 | 2 | 0 | 1199 |
| AJINOMOTO COMPANY INCORPORATED | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 353 | 53 | 51 | 46 | 60 | 64 | 48 | 66 | 47 | 60 | 79 | 64 | 60 | 74 | 73 | 1198 |
| Patents By Year of Application: | 477 | 41 | 60 | 86 | 82 | 95 | 45 | 75 | 68 | 58 | 42 | 35 | 26 | 8 | 0 | 1198 |
| EMERSON ELECTRIC CO. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 456 | 57 | 67 | 65 | 69 | 59 | 50 | 72 | 39 | 61 | 37 | 42 | 44 | 48 | 24 | 1190 |
| Patents By Year of Application: | 580 | 69 | 73 | 56 | 62 | 80 | 55 | 55 | 51 | 42 | 26 | 28 | 10 | 3 | 0 | 1190 |

----- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ----- Ranked List of Organizations with 1000 or More Patents -----

| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
|---------------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| ITT MANUFACTURING ENTERPRISES, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 26 | 105 | 166 | 112 | 83 | 72 | 83 | 86 | 93 | 83 | 53 | 70 | 91 | 64 | 1187 |
| Patents By Year of Application: | 174 | 155 | 95 | 95 | 102 | 102 | 95 | 60 | 107 | 71 | 74 | 36 | 18 | 3 | 0 | 1187 |
| GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 30 | 173 | 171 | 188 | 154 | 140 | 78 | 88 | 69 | 61 | 34 | 1186 |
| Patents By Year of Application: | 0 | 10 | 57 | 171 | 184 | 270 | 195 | 96 | 44 | 52 | 53 | 42 | 12 | 0 | 0 | 1186 |
| ALLERGAN, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 427 | 70 | 28 | 24 | 14 | 24 | 41 | 46 | 36 | 50 | 55 | 71 | 59 | 105 | 131 | 1181 |
| Patents By Year of Application: | 538 | 20 | 17 | 36 | 43 | 56 | 67 | 71 | 55 | 74 | 79 | 65 | 51 | 9 | 0 | 1181 |
| WHIRLPOOL CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 469 | 35 | 38 | 31 | 16 | 34 | 43 | 30 | 33 | 33 | 56 | 62 | 73 | 86 | 142 | 1181 |
| Patents By Year of Application: | 541 | 18 | 29 | 25 | 52 | 47 | 66 | 66 | 91 | 68 | 79 | 53 | 28 | 17 | 1 | 1181 |
| TYCO ELECTRONICS CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 2 | 47 | 67 | 100 | 103 | 86 | 109 | 90 | 96 | 124 | 168 | 183 | 1175 |
| Patents By Year of Application: | 3 | 9 | 33 | 80 | 88 | 128 | 103 | 85 | 90 | 87 | 141 | 151 | 133 | 44 | 0 | 1175 |
| ACUSHNET COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 84 | 31 | 34 | 27 | 48 | 52 | 77 | 94 | 85 | 125 | 92 | 79 | 80 | 113 | 153 | 1174 |
| Patents By Year of Application: | 147 | 42 | 54 | 46 | 81 | 112 | 122 | 127 | 99 | 60 | 66 | 110 | 66 | 39 | 3 | 1174 |
| COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 68 | 25 | 36 | 38 | 59 | 120 | 133 | 129 | 119 | 124 | 94 | 73 | 53 | 68 | 28 | 1167 |
| Patents By Year of Application: | 130 | 45 | 47 | 114 | 175 | 196 | 176 | 137 | 41 | 56 | 26 | 19 | 5 | 0 | 0 | 1167 |
| PORSCHKE AG | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 463 | 26 | 48 | 37 | 48 | 55 | 49 | 60 | 55 | 48 | 40 | 49 | 49 | 59 | 79 | 1165 |
| Patents By Year of Application: | 540 | 40 | 38 | 51 | 54 | 73 | 66 | 48 | 52 | 37 | 71 | 52 | 39 | 4 | 0 | 1165 |
| ADOBE SYSTEMS, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 36 | 19 | 29 | 31 | 41 | 27 | 28 | 42 | 40 | 56 | 56 | 86 | 146 | 227 | 292 | 1156 |
| Patents By Year of Application: | 131 | 54 | 53 | 57 | 54 | 57 | 75 | 76 | 149 | 174 | 153 | 63 | 45 | 14 | 1 | 1156 |
| DAINIPPON SCREEN MFG. CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 533 | 52 | 55 | 37 | 20 | 17 | 18 | 51 | 50 | 64 | 44 | 67 | 48 | 44 | 52 | 1152 |
| Patents By Year of Application: | 652 | 48 | 8 | 9 | 22 | 71 | 92 | 70 | 57 | 49 | 42 | 23 | 8 | 1 | 0 | 1152 |
| TORAY INDUSTRIES INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 474 | 48 | 60 | 70 | 72 | 65 | 62 | 44 | 36 | 32 | 23 | 34 | 31 | 43 | 58 | 1152 |
| Patents By Year of Application: | 616 | 80 | 72 | 61 | 66 | 66 | 44 | 42 | 37 | 33 | 17 | 8 | 9 | 0 | 1 | 1152 |

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre | | | | | | | | | | | | | | | |
|-----------------------------------------------------------------------------------------------------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| CORNELL RESEARCH FOUNDATION INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 395 | 64 | 64 | 49 | 61 | 35 | 59 | 40 | 41 | 61 | 54 | 50 | 52 | 74 | 51 | 1150 |
| Patents By Year of Application: | 564 | 63 | 44 | 67 | 61 | 64 | 48 | 46 | 64 | 68 | 29 | 17 | 8 | 7 | 0 | 1150 |
| SANDIA CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 105 | 76 | 90 | 76 | 99 | 101 | 88 | 70 | 49 | 56 | 66 | 75 | 63 | 73 | 62 | 1149 |
| Patents By Year of Application: | 287 | 91 | 102 | 92 | 97 | 70 | 78 | 72 | 64 | 65 | 56 | 52 | 16 | 7 | 0 | 1149 |
| AKZO NOBEL NV | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 224 | 105 | 120 | 98 | 89 | 94 | 107 | 72 | 56 | 47 | 32 | 19 | 17 | 33 | 32 | 1145 |
| Patents By Year of Application: | 475 | 103 | 91 | 100 | 130 | 97 | 54 | 32 | 22 | 21 | 11 | 3 | 3 | 3 | 0 | 1145 |
| NOVO NORDISK A/S | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 325 | 123 | 178 | 142 | 91 | 39 | 56 | 24 | 29 | 24 | 19 | 17 | 19 | 19 | 38 | 1143 |
| Patents By Year of Application: | 651 | 142 | 90 | 47 | 63 | 36 | 38 | 9 | 26 | 24 | 9 | 1 | 6 | 1 | 0 | 1143 |
| L'AIR LIQUIDE, SOCIETE ANONYME A DIRECTOIRE ET CONSEIL DE SURVEILLANCE POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 398 | 49 | 75 | 74 | 129 | 81 | 79 | 39 | 36 | 31 | 38 | 33 | 26 | 23 | 31 | 1142 |
| Patents By Year of Application: | 522 | 78 | 113 | 103 | 90 | 51 | 65 | 56 | 26 | 14 | 9 | 12 | 1 | 2 | 0 | 1142 |
| OMRON CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 198 | 53 | 26 | 26 | 29 | 44 | 60 | 86 | 81 | 105 | 105 | 84 | 82 | 85 | 70 | 1134 |
| Patents By Year of Application: | 300 | 26 | 32 | 48 | 87 | 101 | 123 | 83 | 86 | 127 | 72 | 30 | 17 | 2 | 0 | 1134 |
| UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 485 | 75 | 70 | 55 | 67 | 43 | 63 | 38 | 28 | 37 | 26 | 31 | 24 | 39 | 53 | 1134 |
| Patents By Year of Application: | 661 | 52 | 51 | 58 | 64 | 47 | 41 | 31 | 33 | 23 | 31 | 29 | 10 | 3 | 0 | 1134 |
| Renesas Electronics Corp. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 146 | 984 | 1130 |
| Patents By Year of Application: | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 5 | 21 | 77 | 156 | 301 | 333 | 219 | 16 | 1130 |
| UNIVERSITY OF MICHIGAN | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 267 | 50 | 51 | 69 | 51 | 47 | 63 | 67 | 71 | 69 | 47 | 66 | 54 | 78 | 79 | 1129 |
| Patents By Year of Application: | 425 | 54 | 55 | 67 | 75 | 90 | 89 | 62 | 58 | 56 | 39 | 36 | 17 | 5 | 1 | 1129 |
| Alcatel-Lucent USA Inc. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 29 | 413 | 459 | 227 | 1128 |
| Patents By Year of Application: | 0 | 1 | 3 | 15 | 20 | 43 | 139 | 207 | 253 | 230 | 123 | 54 | 28 | 12 | 0 | 1128 |
| CIRRUS LOGIC, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 204 | 128 | 110 | 100 | 82 | 84 | 83 | 44 | 45 | 40 | 62 | 42 | 33 | 44 | 24 | 1125 |
| Patents By Year of Application: | 537 | 97 | 75 | 68 | 53 | 42 | 40 | 43 | 51 | 52 | 37 | 20 | 9 | 1 | 0 | 1125 |

----- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ----- Ranked List of Organizations with 1000 or More Patents -----

| | Pre | | | | | | | | | | | | | | | |
|--------------------------------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| MATSUSHITA ELECTRIC WORKS, LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 421 | 44 | 58 | 60 | 53 | 48 | 56 | 54 | 62 | 76 | 52 | 73 | 36 | 12 | 1 | 1106 |
| Patents By Year of Application: | 532 | 57 | 46 | 71 | 76 | 68 | 69 | 84 | 52 | 28 | 22 | 1 | 0 | 0 | 0 | 1106 |
| VLSI TECHNOLOGY, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 548 | 150 | 158 | 134 | 88 | 27 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1105 |
| Patents By Year of Application: | 916 | 108 | 69 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1105 |
| ALCOA INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 643 | 53 | 49 | 34 | 41 | 38 | 40 | 41 | 31 | 26 | 22 | 23 | 11 | 22 | 20 | 1094 |
| Patents By Year of Application: | 754 | 35 | 31 | 44 | 42 | 41 | 50 | 20 | 25 | 17 | 18 | 11 | 4 | 2 | 0 | 1094 |
| MEDIATEK INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 1 | 3 | 3 | 1 | 5 | 24 | 32 | 106 | 126 | 166 | 157 | 229 | 240 | 1093 |
| Patents By Year of Application: | 2 | 4 | 6 | 3 | 16 | 66 | 109 | 142 | 156 | 183 | 156 | 141 | 77 | 31 | 1 | 1093 |
| SUNDSTRAND CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1003 | 45 | 35 | 8 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1093 |
| Patents By Year of Application: | 1083 | 10 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1093 |
| BRUNSWICK CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 457 | 45 | 48 | 56 | 51 | 51 | 42 | 41 | 46 | 54 | 48 | 38 | 38 | 34 | 42 | 1091 |
| Patents By Year of Application: | 546 | 39 | 54 | 48 | 54 | 51 | 49 | 59 | 47 | 41 | 53 | 31 | 15 | 4 | 0 | 1091 |
| PPG INDUSTRIES INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 931 | 97 | 44 | 0 | 0 | 0 | 0 | 0 | 0 | 1 | 1 | 0 | 0 | 0 | 1 | 1075 |
| Patents By Year of Application: | 1071 | 1 | 0 | 0 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1075 |
| HAMAMATSU PHOTONICS KABUSHIKI KAISHA | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 349 | 42 | 49 | 16 | 16 | 25 | 51 | 42 | 53 | 75 | 50 | 54 | 77 | 93 | 82 | 1074 |
| Patents By Year of Application: | 448 | 14 | 11 | 52 | 59 | 90 | 78 | 100 | 75 | 57 | 37 | 25 | 18 | 9 | 1 | 1074 |
| MITA INDUSTRIAL COMPANY LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 802 | 154 | 76 | 29 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1063 |
| Patents By Year of Application: | 1012 | 39 | 11 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1063 |
| STMICROELECTRONICS, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 38 | 118 | 111 | 96 | 89 | 99 | 102 | 58 | 77 | 63 | 64 | 34 | 54 | 52 | 1055 |
| Patents By Year of Application: | 241 | 107 | 103 | 115 | 105 | 86 | 77 | 84 | 35 | 36 | 23 | 24 | 14 | 3 | 2 | 1055 |
| MITSUBISHI CHEMICAL CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 216 | 121 | 110 | 86 | 76 | 54 | 55 | 48 | 32 | 57 | 47 | 40 | 33 | 34 | 45 | 1054 |
| Patents By Year of Application: | 465 | 93 | 73 | 49 | 61 | 47 | 41 | 71 | 74 | 41 | 20 | 9 | 3 | 5 | 2 | 1054 |

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
|-----------------------------------------------------------------------------------|-------------|------|------|------|------|------|------|------|------|------|------|------|------|------|------|-------|
| MITSUI TOATSU CHEMICALS INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 1001 | 45 | 2 | 2 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 1051 |
| Patents By Year of Application: | 1050 | 0 | 0 | 0 | 0 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1051 |
| KONICA MINOLTA BUSINESS TECHNOLOGIES, INC. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 5 | 72 | 92 | 107 | 173 | 280 | 315 | 1044 |
| Patents By Year of Application: | 0 | 0 | 0 | 1 | 0 | 1 | 17 | 257 | 171 | 183 | 196 | 137 | 65 | 14 | 2 | 1044 |
| ASAHI KASEI KOGYO KABUSHIKI KAISHA | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 464 | 50 | 61 | 69 | 66 | 77 | 60 | 56 | 37 | 34 | 29 | 5 | 18 | 9 | 7 | 1042 |
| Patents By Year of Application: | 594 | 66 | 60 | 82 | 85 | 89 | 36 | 5 | 12 | 6 | 4 | 2 | 1 | 0 | 0 | 1042 |
| HILTI AKTIENGESSELLSCHAFT | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 277 | 39 | 29 | 60 | 36 | 59 | 86 | 75 | 65 | 77 | 45 | 46 | 42 | 50 | 55 | 1041 |
| Patents By Year of Application: | 340 | 38 | 52 | 62 | 92 | 92 | 83 | 77 | 50 | 48 | 46 | 48 | 13 | 0 | 0 | 1041 |
| LG SEMICON CO., LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 151 | 235 | 311 | 255 | 42 | 30 | 8 | 4 | 2 | 0 | 1 | 0 | 1 | 0 | 0 | 1040 |
| Patents By Year of Application: | 710 | 237 | 69 | 10 | 8 | 3 | 1 | 1 | 0 | 1 | 0 | 0 | 0 | 0 | 0 | 1040 |
| KOMATSU LTD. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 51 | 74 | 79 | 69 | 100 | 84 | 93 | 68 | 68 | 68 | 57 | 38 | 42 | 71 | 74 | 1036 |
| Patents By Year of Application: | 193 | 103 | 96 | 111 | 87 | 78 | 77 | 88 | 76 | 62 | 35 | 18 | 10 | 2 | 0 | 1036 |
| SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "S.N.E.C.M.A." | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 427 | 39 | 44 | 45 | 49 | 16 | 4 | 0 | 1 | 1 | 23 | 63 | 95 | 119 | 109 | 1035 |
| Patents By Year of Application: | 515 | 39 | 47 | 20 | 3 | 1 | 4 | 19 | 101 | 105 | 110 | 60 | 11 | 0 | 0 | 1035 |
| TOYODA JIDOSHOKKI SEISAKUSHO KABUSHIKI KAISHA | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 412 | 78 | 86 | 110 | 125 | 135 | 65 | 15 | 3 | 3 | 2 | 0 | 0 | 0 | 0 | 1034 |
| Patents By Year of Application: | 587 | 112 | 109 | 141 | 83 | 2 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 1034 |
| G. D. SEARLE & CO. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 599 | 60 | 62 | 61 | 39 | 74 | 46 | 27 | 17 | 23 | 10 | 2 | 1 | 1 | 0 | 1022 |
| Patents By Year of Application: | 752 | 47 | 50 | 53 | 43 | 38 | 19 | 9 | 5 | 5 | 1 | 0 | 0 | 0 | 0 | 1022 |
| OTIS ELEVATOR COMPANY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 483 | 86 | 73 | 42 | 37 | 68 | 32 | 22 | 13 | 19 | 16 | 24 | 35 | 36 | 34 | 1020 |
| Patents By Year of Application: | 645 | 38 | 48 | 68 | 42 | 30 | 55 | 43 | 32 | 12 | 4 | 0 | 1 | 2 | 0 | 1020 |
| UNITED STATES SURGICAL CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 670 | 92 | 95 | 39 | 33 | 17 | 16 | 14 | 8 | 14 | 10 | 5 | 2 | 2 | 0 | 1017 |
| Patents By Year of Application: | 877 | 37 | 23 | 16 | 24 | 11 | 12 | 4 | 6 | 3 | 3 | 1 | 0 | 0 | 0 | 1017 |

---- Organizational Patenting (Granted: Jan 01, 1987 - Dec 31, 2011) ---- Ranked List of Organizations with 1000 or More Patents ----

| | Pre | | | | | | | | | | | | | | | |
|---------------------------------------------|--------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|--------|--------|---------|
| | 1998 | 1998 | 1999 | 2000 | 2001 | 2002 | 2003 | 2004 | 2005 | 2006 | 2007 | 2008 | 2009 | 2010 | 2011 | TOTAL |
| WINBOND ELECTRONICS CORP. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 60 | 59 | 117 | 116 | 126 | 122 | 79 | 99 | 63 | 63 | 47 | 26 | 14 | 9 | 14 | 1014 |
| Patents By Year of Application: | 227 | 167 | 130 | 96 | 97 | 114 | 64 | 47 | 29 | 17 | 11 | 6 | 9 | 0 | 0 | 1014 |
| BATTELLE MEMORIAL INSTITUTE | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 291 | 33 | 35 | 39 | 36 | 43 | 71 | 72 | 61 | 68 | 42 | 39 | 50 | 60 | 68 | 1008 |
| Patents By Year of Application: | 362 | 52 | 52 | 53 | 100 | 80 | 86 | 50 | 47 | 54 | 30 | 22 | 16 | 3 | 1 | 1008 |
| COLUMBIA UNIVERSITY | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 202 | 55 | 55 | 51 | 58 | 46 | 61 | 52 | 57 | 54 | 55 | 54 | 46 | 82 | 76 | 1004 |
| Patents By Year of Application: | 394 | 51 | 77 | 72 | 63 | 58 | 53 | 62 | 46 | 32 | 52 | 22 | 15 | 7 | 0 | 1004 |
| TOKAI RIKI DENKI SEISAKUSHO K.K. | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 374 | 46 | 30 | 33 | 42 | 50 | 69 | 57 | 39 | 54 | 47 | 31 | 45 | 47 | 37 | 1001 |
| Patents By Year of Application: | 459 | 22 | 47 | 55 | 72 | 64 | 62 | 47 | 48 | 43 | 39 | 31 | 7 | 5 | 0 | 1001 |
| BELLSOUTH INTELLECTUAL PROPERTY CORPORATION | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 0 | 0 | 12 | 19 | 23 | 50 | 87 | 185 | 190 | 309 | 118 | 3 | 1 | 1 | 2 | 1000 |
| Patents By Year of Application: | 36 | 30 | 94 | 161 | 218 | 235 | 136 | 67 | 16 | 7 | 0 | 0 | 0 | 0 | 0 | 1000 |
| Other Organizations (212104) | | | | | | | | | | | | | | | | |
| Patents By Year of Grant: | 498555 | 67669 | 70473 | 72021 | 77014 | 77582 | 77698 | 74315 | 65360 | 78446 | 71700 | 72002 | 77455 | 107173 | 113197 | 1600660 |
| Patents By Year of Application: | 656091 | 75686 | 82966 | 90203 | 96383 | 98681 | 93816 | 88301 | 84195 | 80788 | 69955 | 47542 | 24785 | 10325 | 943 | 1600660 |