

PATENTING BY ORGANIZATIONS

2003



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U.S. PATENT AND TRADEMARK OFFICE
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A PATENT TECHNOLOGY MONITORING DIVISION REPORT

Patenting By Organizations 2003

This report, prepared from the Technology Assessment and Forecast (TAF) database, profiles utility patents (i.e., patents for inventions) granted during **calendar year 2003**.

Part A1

Part A1 presents patent counts by origin, U.S. and foreign. Individual counts are also presented for each of the top 36 patenting countries. Patent origin is determined by the residence of the first-named inventor listed on a patent.

Patent ownership-category information reflects ownership at the time of patent grant and does not reflect subsequent changes in ownership. If more than one assignee (the entity, if any, to which the patent rights have been legally assigned) was declared at the time of grant, a patent is attributed to the ownership-category of the first-named assignee. The "U.S. Corporations" and "Foreign Corporations" 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 the "U.S. Government" ownership category includes only patents granted to the Federal Government, no such distinction is made for the "Foreign Government" ownership category. The "U.S. Individuals" and "Foreign Individuals" ownership categories include patents for which ownership was assigned to an individual as well as patents for which no assignment of ownership was made at the time of grant.

Part B1

Part B1 presents organizations that received 40 or more patents during the calendar year. Organizations are ranked based on their patent count. **Please note that because of the large number of organizations appearing in this report, the minimum number of annual patents received by a listed organization was raised from 30, for the 1997 report, to 40 for the 1998 and subsequent reports.**

Patent information included in **Part B1** of the report reflects patent ownership at the time of patent grant and does not reflect changes in ownership which may occur after the patent grant. Where more than one assignee exists, patents are attributed to the first-named assignee.

No attempt has been made to combine data based on subsidiary relationships. However, where possible, spelling variations and variations based on name changes (e.g., ESSO to EXXON) have been merged into a single name. While every effort is made to accurately identify all organizational entities and report data by a single organizational name, achievement of a totally clean record is not expected, particularly in view of the many variations which may occur in corporate identifications.

Please note:

(a) Counts for "Hewlett-Packard Company", "Compaq Computer Corporation, Inc.", and "Compaq Information Technologies Group, L.P." were combined together under a single identifier in the report, "Preliminary List of Top Patenting Organizations, Calendar Year 2003." In this report, however, counts for these organizational identifiers are listed separately.

(b) Counts for "Matsushita Electric Industrial Co., Ltd." included counts for "Matsushita Electronics Corporation" in the report, "Preliminary List of Top Patenting Organizations, Calendar Year 2003." In this report, however, counts for these organizational identifiers are listed separately.

Patenting By The U.S. Government 2003

In **calendar year 2003**, the U.S. Government received 881 utility patents.

Under the section labeled "Ownership", **Part A1** presents the total count of patents received by the U.S. Government during the calendar year. Each of the separate U.S. Government agencies receiving 40 or more patents during the calendar year is listed in **Part B1**.

Part A1

(Patent Grants as Distributed By Year of Patent Grant)

Number of Utility Patents Granted By Year Of Patent Grant
 (Granted: Jan 01, 2003 - Dec 31, 2003)

<u>COUNTRY OF ORIGIN</u>	<u>2002</u>	<u>Total</u>
Total	169028	169028
U.S. Origin	87901	87901
Foreign Origin	81127	81127
JAPAN	35517	35517
GERMANY	11444	11444
TAIWAN	5298	5298
SOUTH KOREA	3944	3944
FRANCE	3869	3869
UNITED KINGDOM	3627	3627
CANADA	3426	3426
ITALY	1722	1722
SWEDEN	1521	1521
NETHERLANDS	1325	1325
SWITZERLAND	1308	1308
ISRAEL	1193	1193
AUSTRALIA	900	900
FINLAND	865	865
BELGIUM	622	622
AUSTRIA	592	592
DENMARK	529	529
SINGAPORE	427	427
INDIA	341	341
SPAIN	309	309
CHINA P.REP.	297	297
CHINA,HONG KONG S.A.R	276	276
NORWAY	262	262
RUSSIAN FEDERATION	202	202
IRELAND	166	166
NEW ZEALAND	135	135
BRAZIL	130	130
SOUTH AFRICA	112	112
MEXICO	84	84
HUNGARY	72	72
ARGENTINA	63	63
MALAYSIA	50	50
CZECH REPUBLIC	40	40
LUXEMBOURG	35	35
TURKEY	27	27
THAILAND	25	25
Others (64)	372	372
Ownership:		
U.S. Corporations	75329	75329
U.S. Government	881	881
U.S. Individuals	13538	13538
Foreign Corporations	73099	73099
Foreign Government	85	85
Foreign Individuals	6096	6096

Percent of Utility Patents Granted By Year Of Patent Grant
 (Granted: Jan 01, 2003 - Dec 31, 2003)

<u>COUNTRY OF ORIGIN</u>	<u>2002</u>	<u>Total</u>
Total	100	100
U.S. Origin	52	52
Foreign Origin	48	48
JAPAN	21	21
GERMANY	7	7
TAIWAN	3	3
SOUTH KOREA	2	2
FRANCE	2	2
UNITED KINGDOM	2	2
CANADA	2	2
ITALY	1	1
SWEDEN	1	1
NETHERLANDS	1	1
SWITZERLAND	1	1
ISRAEL	1	1
AUSTRALIA	1	1
FINLAND	1	1
BELGIUM		0
AUSTRIA		0
DENMARK		0
SINGAPORE		0
INDIA		0
SPAIN		0
CHINA P.REP.		0
CHINA,HONG KONG S.A.R		0
NORWAY		0
RUSSIAN FEDERATION		0
IRELAND		0
NEW ZEALAND		0
BRAZIL		0
SOUTH AFRICA		0
MEXICO		0
HUNGARY		0
ARGENTINA		0
MALAYSIA		0
CZECH REPUBLIC		0
LUXEMBOURG		0
TURKEY		0
THAILAND		0
Others (64)		0
Ownership:		
U.S. Corporations	45	45
U.S. Government	1	1
U.S. Individuals	8	8
Foreign Corporations	43	43
Foreign Government		0
Foreign Individuals	4	4

Part B1

**(Ranked Listing of Organizations with
Patent Grants Distributed By Year of Patent Grant)**

Organizational Patenting (Granted: Jan 01, 2003 - Dec 31, 2003)
Ranked List of Organizations with 40 or More Utility Patents Received in CY2003

<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
INTERNATIONAL BUSINESS MACHINES CORPORATION Patents By Year of Grant:	3415	3415
CANON KABUSHIKI KAISHA Patents By Year of Grant:	1992	1992
HITACHI, LTD Patents By Year of Grant:	1893	1893
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD. Patents By Year of Grant:	1774	1774
MICRON TECHNOLOGY, INC. Patents By Year of Grant:	1707	1707
INTEL CORPORATION Patents By Year of Grant:	1592	1592
KONINKLIJKE PHILIPS ELECTRONICS N.V. Patents By Year of Grant:	1353	1353
SAMSUNG ELECTRONICS CO., LTD. Patents By Year of Grant:	1313	1313
SONY CORPORATION Patents By Year of Grant:	1311	1311
FUJITSU LIMITED Patents By Year of Grant:	1302	1302
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. Patents By Year of Grant:	1292	1292
MITSUBISHI DENKI KABUSHIKI KAISHA Patents By Year of Grant:	1243	1243
TOSHIBA CORPORATION Patents By Year of Grant:	1184	1184
NEC CORPORATION Patents By Year of Grant:	1181	1181
GENERAL ELECTRIC COMPANY Patents By Year of Grant:	1139	1139
ADVANCED MICRO DEVICES, INC. Patents By Year of Grant:	905	905
FUJI PHOTO FILM CO., LTD Patents By Year of Grant:	804	804
SEIKO EPSON CORPORATION Patents By Year of Grant:	764	764
TEXAS INSTRUMENTS, INCORPORATED Patents By Year of Grant:	764	764
ROBERT BOSCH GMBH Patents By Year of Grant:	753	753
EASTMAN KODAK COMPANY Patents By Year of Grant:	748	748
SIEMENS AKTIENGESELLSCHAFT Patents By Year of Grant:	660	660

Organizational Patenting (Granted: Jan 01, 2003 - Dec 31, 2003)
Ranked List of Organizations with 40 or More Utility Patents Received in CY2003

<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.) Patents By Year of Grant:	647	647
INFINEON TECHNOLOGIES AG Patents By Year of Grant:	639	639
DELPHI TECHNOLOGIES, INC. Patents By Year of Grant:	635	635
LUCENT TECHNOLOGIES INC. Patents By Year of Grant:	621	621
XEROX CORPORATION Patents By Year of Grant:	613	613
MOTOROLA, INC. Patents By Year of Grant:	610	610
3M INNOVATIVE PROPERTIES COMPANY Patents By Year of Grant:	572	572
SUN MICROSYSTEMS, INC. Patents By Year of Grant:	564	564
DENSO CORPORATION Patents By Year of Grant:	552	552
APPLIED MATERIALS, INC. Patents By Year of Grant:	537	537
MICROSOFT CORPORATION Patents By Year of Grant:	499	499
SHARP KABUSHIKI KAISHA (SHARP CORPORATION) Patents By Year of Grant:	493	493
TELEFONAKTIEBOLAGET LM ERICSSON Patents By Year of Grant:	471	471
MURATA MANUFACTURING CO., LTD. Patents By Year of Grant:	446	446
PROCTER + GAMBLE COMPANY Patents By Year of Grant:	438	438
UNIVERSITY OF CALIFORNIA, THE REGENTS OF Patents By Year of Grant:	437	437
NORTEL NETWORKS CORPORATION Patents By Year of Grant:	434	434
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD. Patents By Year of Grant:	431	431
RICOH COMPANY, LTD. Patents By Year of Grant:	410	410
LG ELECTRONICS INC. Patents By Year of Grant:	409	409
HEWLETT-PACKARD COMPANY Patents By Year of Grant:	403	403
SEAGATE TECHNOLOGY, LLC Patents By Year of Grant:	397	397

Organizational Patenting (Granted: Jan 01, 2003 - Dec 31, 2003)
Ranked List of Organizations with 40 or More Utility Patents Received in CY2003

<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
BASF AKTIENGESELLSCHAFT Patents By Year of Grant:	393	393
HON HAI PRECISION IND. CO., LTD. Patents By Year of Grant:	391	391
AGILENT TECHNOLOGIES, INC. Patents By Year of Grant:	387	387
HONEYWELL INTERNATIONAL INC. Patents By Year of Grant:	377	377
LSI LOGIC CORPORATION Patents By Year of Grant:	375	375
SANYO ELECTRIC CO., LTD. Patents By Year of Grant:	373	373
KIMBERLY-CLARK WORLDWIDE, INC. Patents By Year of Grant:	363	363
UNITED STATES OF AMERICA, NAVY Patents By Year of Grant:	358	358
BAYER AKTIENGESELLSCHAFT Patents By Year of Grant:	348	348
E. I. DU PONT DE NEMOURS AND COMPANY Patents By Year of Grant:	340	340
CISCO TECHNOLOGY, INC. Patents By Year of Grant:	336	336
AGERE SYSTEMS INC. Patents By Year of Grant:	316	316
SCI-MED LIFE SYSTEMS, INC. Patents By Year of Grant:	311	311
YAZAKI CORP. Patents By Year of Grant:	311	311
NIKON CORPORATION Patents By Year of Grant:	299	299
OKI ELECTRIC INDUSTRY CO., LTD. Patents By Year of Grant:	294	294
GENERAL MOTORS CORPORATION Patents By Year of Grant:	291	291
SEMICONDUCTOR ENERGY LABORATORY CO., LTD. Patents By Year of Grant:	273	273
TOYOTA JIDOSHA K.K. Patents By Year of Grant:	273	273
ALCATEL Patents By Year of Grant:	269	269
BOEING COMPANY Patents By Year of Grant:	266	266
NEC ELECTRONICS CORPORATION Patents By Year of Grant:	263	263

Organizational Patenting (Granted: Jan 01, 2003 - Dec 31, 2003)
Ranked List of Organizations with 40 or More Utility Patents Received in CY2003

<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
NISSAN MOTOR COMPANY, LIMITED Patents By Year of Grant:	260	260
CORNING INCORPORATED Patents By Year of Grant:	257	257
ALPS ELECTRIC CO., LTD. Patents By Year of Grant:	252	252
OLYMPUS OPTICAL CO., LTD. Patents By Year of Grant:	251	251
HYNIX SEMICONDUCTOR INC. Patents By Year of Grant:	244	244
VISTEON GLOBAL TECHNOLOGIES, INC. Patents By Year of Grant:	243	243
HEIDELBERGER DRUCKMASCHINEN AG Patents By Year of Grant:	240	240
DAIMLER-CHRYSLER AKTIENGESELLSCHAFT Patents By Year of Grant:	239	239
TDK CORPORATION Patents By Year of Grant:	231	231
LOCKHEED MARTIN CORPORATION Patents By Year of Grant:	223	223
LG. PHILIPS LCD CO., LTD. Patents By Year of Grant:	222	222
MINOLTA CAMERA CO., LTD. Patents By Year of Grant:	221	221
CATERPILLAR INC. Patents By Year of Grant:	220	220
NATIONAL SEMICONDUCTOR CORPORATION Patents By Year of Grant:	217	217
STMICROELECTRONICS S.R.L. Patents By Year of Grant:	216	216
NOKIA CORPORATION Patents By Year of Grant:	212	212
ILLINOIS TOOL WORKS INC. Patents By Year of Grant:	209	209
AT&T CORP. Patents By Year of Grant:	208	208
L'OREAL S.A. Patents By Year of Grant:	208	208
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN Patents By Year of Grant:	207	207
FORD GLOBAL TECHNOLOGIES, L.L.C. Patents By Year of Grant:	204	204
PIONEER CORPORATION Patents By Year of Grant:	204	204

Organizational Patenting (Granted: Jan 01, 2003 - Dec 31, 2003)
Ranked List of Organizations with 40 or More Utility Patents Received in CY2003

<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
NOKIA MOBILE PHONES LTD. Patents By Year of Grant:	202	202
3COM CORPORATION Patents By Year of Grant:	200	200
PFIZER INC. Patents By Year of Grant:	196	196
PENTAX CORPORATION Patents By Year of Grant:	194	194
SCHLUMBERGER TECHNOLOGY CORPORATION Patents By Year of Grant:	194	194
MEDTRONIC INC. Patents By Year of Grant:	192	192
TOKYO ELECTRON LIMITED Patents By Year of Grant:	191	191
UNITED MICROELECTRONICS CORPORATION Patents By Year of Grant:	188	188
HALLIBURTON ENERGY SERVICES, INC. Patents By Year of Grant:	186	186
CYPRESS SEMICONDUCTOR CORP. Patents By Year of Grant:	185	185
THOMSON LICENSING S.A. Patents By Year of Grant:	185	185
ADVANCED CARDIOVASCULAR SYSTEMS, INC. Patents By Year of Grant:	184	184
RAYTHEON COMPANY Patents By Year of Grant:	184	184
SUMITOMO ELECTRIC INDUSTRIES CO., LTD. Patents By Year of Grant:	183	183
ERICSSON, INC. Patents By Year of Grant:	181	181
MACRONIX INTERNATIONAL CO., LTD. Patents By Year of Grant:	181	181
HYUNDAI ELECTRONICS INDUSTRIES CO., LTD. Patents By Year of Grant:	179	179
SEIKO INSTRUMENTS INC. Patents By Year of Grant:	179	179
QUALCOMM, INC. Patents By Year of Grant:	178	178
FUJI XEROX CO., LTD. Patents By Year of Grant:	174	174
SUMITOMO CHEMICAL COMPANY, LIMITED Patents By Year of Grant:	174	174
GE MEDICAL SYSTEMS GLOBAL TECHNOLOGY COMPANY, LLC Patents By Year of Grant:	171	171

Organizational Patenting (Granted: Jan 01, 2003 - Dec 31, 2003)
Ranked List of Organizations with 40 or More Utility Patents Received in CY2003

<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
GOODYEAR TIRE + RUBBER COMPANY Patents By Year of Grant:	170	170
BROADCOM CORPORATION Patents By Year of Grant:	167	167
SUMITOMO WIRING SYSTEMS, LTD., CO. Patents By Year of Grant:	167	167
NCR CORPORATION Patents By Year of Grant:	166	166
BAKER HUGHES INCORPORATED Patents By Year of Grant:	161	161
DEERE + COMPANY Patents By Year of Grant:	154	154
MITSUBISHI HEAVY INDUSTRIES CO., LTD. Patents By Year of Grant:	153	153
NORTHROP GRUMMAN CORPORATION Patents By Year of Grant:	150	150
NGK INSULATORS LTD. Patents By Year of Grant:	147	147
STMICROELECTRONICS S.A. Patents By Year of Grant:	147	147
FORD GLOBAL TECHNOLOGIES, INC. Patents By Year of Grant:	146	146
KONICA CORPORATION Patents By Year of Grant:	146	146
UNILEVER HOME & PERSONAL CARE USA, DIVISION OF CONOPCO, INC. Patents By Year of Grant:	146	146
EATON CORPORATION Patents By Year of Grant:	139	139
CALIFORNIA INSTITUTE OF TECHNOLOGY Patents By Year of Grant:	138	138
XILINX, INC. Patents By Year of Grant:	137	137
SHIN ETSU CHEMICAL CO., LTD. Patents By Year of Grant:	136	136
EMC CORPORATION Patents By Year of Grant:	135	135
FURUKAWA ELECTRIC CO., LTD. Patents By Year of Grant:	134	134
TRW INC. Patents By Year of Grant:	134	134
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH Patents By Year of Grant:	133	133
LAM RESEARCH CORPORATION Patents By Year of Grant:	132	132

Organizational Patenting (Granted: Jan 01, 2003 - Dec 31, 2003)
Ranked List of Organizations with 40 or More Utility Patents Received in CY2003

<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
MERCK + CO., INC. Patents By Year of Grant:	132	132
BRISTOL-MYERS SQUIBB COMPANY Patents By Year of Grant:	131	131
DELL PRODUCTS, L.P. Patents By Year of Grant:	130	130
FUJI PHOTO OPTICAL CO. LTD. Patents By Year of Grant:	130	130
SMITHKLINE BEECHAM CORPORATION Patents By Year of Grant:	130	130
MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG Patents By Year of Grant:	129	129
UNITED STATES OF AMERICA, ARMY Patents By Year of Grant:	129	129
LEXMARK INTERNATIONAL, INC. Patents By Year of Grant:	128	128
ROHM COMPANY LIMITED Patents By Year of Grant:	128	128
MASSACHUSETTS INSTITUTE OF TECHNOLOGY Patents By Year of Grant:	127	127
SUMITOMO RUBBER INDUSTRIES, LTD. Patents By Year of Grant:	125	125
CIBA SPECIALTY CHEMICALS CORPORATION Patents By Year of Grant:	124	124
SILVERBROOK RESEARCH PTY. LTD Patents By Year of Grant:	122	122
SAMSUNG SDI CO., LTD. Patents By Year of Grant:	118	118
ANALOG DEVICES, INC. Patents By Year of Grant:	116	116
ABBOTT LABORATORIES Patents By Year of Grant:	114	114
SHARP LABORATORIES OF AMERICA, INC. Patents By Year of Grant:	114	114
YAMAHA CORPORATION Patents By Year of Grant:	113	113
CARDIAC PACEMAKERS, INC. Patents By Year of Grant:	112	112
INSTITUT FRANCAIS DU PETROLE Patents By Year of Grant:	109	109
AISIN SEIKI KABUSHIKI KAISHA Patents By Year of Grant:	108	108
SOUTHPAC TRUST INTERNATIONAL, INC. Patents By Year of Grant:	106	106

Organizational Patenting (Granted: Jan 01, 2003 - Dec 31, 2003)
Ranked List of Organizations with 40 or More Utility Patents Received in CY2003

<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
ASAHI GLASS COMPANY, LTD. Patents By Year of Grant:	105	105
BROTHER KOGYO KABUSHIKI KAISHA Patents By Year of Grant:	105	105
HYUNDAI MOTOR CO., LTD. Patents By Year of Grant:	105	105
UNI-CHARM CORPORATION Patents By Year of Grant:	105	105
NSK LIMITED Patents By Year of Grant:	104	104
AKZO NOBEL NV Patents By Year of Grant:	103	103
DEGUSSA AKTIENGESELLSCHAFT Patents By Year of Grant:	102	102
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE Patents By Year of Grant:	102	102
BRIDGESTONE CORPORATION Patents By Year of Grant:	100	100
CHARTERED SEMICONDUCTOR MANUFACTURING PTE LTD Patents By Year of Grant:	100	100
EXXONMOBIL CHEMICAL PATENTS INC. Patents By Year of Grant:	100	100
SHELL OIL COMPANY Patents By Year of Grant:	100	100
TYCO ELECTRONICS CORPORATION Patents By Year of Grant:	100	100
ADC TELECOMMUNICATIONS, INC. Patents By Year of Grant:	99	99
STMICROELECTRONICS, INC. Patents By Year of Grant:	99	99
UNISYS CORPORATION Patents By Year of Grant:	99	99
AIR PRODUCTS AND CHEMICALS, INC. Patents By Year of Grant:	97	97
KOITO MANUFACTURING COMPANY LIMITED Patents By Year of Grant:	97	97
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY Patents By Year of Grant:	96	96
EBARA CORPORATION Patents By Year of Grant:	94	94
MILLIKEN & COMPANY Patents By Year of Grant:	94	94
UNIVERSITY OF TEXAS Patents By Year of Grant:	94	94

Organizational Patenting (Granted: Jan 01, 2003 - Dec 31, 2003)
Ranked List of Organizations with 40 or More Utility Patents Received in CY2003

<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
KOMATSU LTD. Patents By Year of Grant:	93	93
AVAYA TECHNOLOGY CORP. Patents By Year of Grant:	92	92
KAO KABUSHIKI KAISHA (KAO CORPORATION) Patents By Year of Grant:	92	92
NGK SPARK PLUG CO., LTD. Patents By Year of Grant:	92	92
TOSHIBA TEC KABUSHIKI KAISHA Patents By Year of Grant:	92	92
ADVANTEST CORP. Patents By Year of Grant:	91	91
DAI NIPPON PRINTING CO. LTD Patents By Year of Grant:	91	91
CARRIER CORPORATION Patents By Year of Grant:	90	90
ETHICON, INC. Patents By Year of Grant:	90	90
ALSTOM (SWITZERLAND) LTD Patents By Year of Grant:	89	89
AMKOR TECHNOLOGY, INC. Patents By Year of Grant:	89	89
DOW GLOBAL TECHNOLOGIES INC. Patents By Year of Grant:	89	89
PITNEY-BOWES, INC. Patents By Year of Grant:	89	89
BECTON, DICKINSON AND COMPANY Patents By Year of Grant:	88	88
NIPPON SHOKUBAI CO., LTD. Patents By Year of Grant:	88	88
SANDIA CORPORATION Patents By Year of Grant:	88	88
BELLSOUTH INTELLECTUAL PROPERTY MANAGMENT CORPORATION Patents By Year of Grant:	87	87
COLGATE-PALMOLIVE COMPANY Patents By Year of Grant:	87	87
ELI LILLY AND COMPANY Patents By Year of Grant:	87	87
UNITED STATES OF AMERICA, HEALTH & HUMAN SERVICES Patents By Year of Grant:	87	87
HILTI AKTIENGESELLSCHAFT Patents By Year of Grant:	86	86
TOYODA GOSEI KABUSHIKI KAISHA Patents By Year of Grant:	86	86

Organizational Patenting (Granted: Jan 01, 2003 - Dec 31, 2003)
Ranked List of Organizations with 40 or More Utility Patents Received in CY2003

<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
STANFORD UNIVERSITY, LELAND JUNIOR, THE BOARD OF TRUSTEES OF Patents By Year of Grant:	85	85
HOFFMANN-LA ROCHE INC. Patents By Year of Grant:	84	84
HUMAN GENOME SCIENCES, INC. Patents By Year of Grant:	84	84
NOVARTIS AG (FORMERLY SANDOZ LTD.) Patents By Year of Grant:	84	84
SHIMANO INC. Patents By Year of Grant:	84	84
WISCONSIN ALUMNI RESEARCH FOUNDATION Patents By Year of Grant:	84	84
WYETH Patents By Year of Grant:	84	84
BLACK & DECKER INC. Patents By Year of Grant:	83	83
CIRRUS LOGIC, INC. Patents By Year of Grant:	83	83
FUJI JUKOGYO KABUSHIKI KAISHA Patents By Year of Grant:	83	83
LEAR CORPORATION Patents By Year of Grant:	83	83
ROHM AND HAAS COMPANY Patents By Year of Grant:	83	83
ASTRAZENECA AB Patents By Year of Grant:	82	82
COMMISSARIAT A L'ENERGIE ATOMIQUE Patents By Year of Grant:	82	82
CONEXANT SYSTEMS, INC. Patents By Year of Grant:	82	82
MINEBEA KABUSHIKI-KAISHA (MINEBEA CO., LTD) Patents By Year of Grant:	81	81
AGFA-GEVAERT N.V. Patents By Year of Grant:	80	80
APPLE COMPUTER, INC. Patents By Year of Grant:	80	80
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION Patents By Year of Grant:	80	80
FRAUNHOFER-GESELLSCHAFT ZUR FORDERUNG DER ANGEWANTEN FORSCHUNG E.V. Patents By Year of Grant:	79	79
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE Patents By Year of Grant:	79	79
MANNESMANN VDO AG Patents By Year of Grant:	79	79

Organizational Patenting (Granted: Jan 01, 2003 - Dec 31, 2003)
Ranked List of Organizations with 40 or More Utility Patents Received in CY2003

<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
SAMSUNG ELECTRO-MECHANICS CO., LTD. Patents By Year of Grant:	79	79
MILLENNIUM PHARMACEUTICALS, INC. Patents By Year of Grant:	78	78
NITTO DENKO CORPORATION Patents By Year of Grant:	78	78
PPG INDUSTRIES OHIO INC. Patents By Year of Grant:	78	78
ACUSHNET COMPANY Patents By Year of Grant:	77	77
DELTA ELECTRONICS INC. Patents By Year of Grant:	77	77
NEXPRESS SOLUTIONS LLC Patents By Year of Grant:	76	76
PACESETTER, INC. Patents By Year of Grant:	76	76
WINBOND ELECTRONICS CORP. Patents By Year of Grant:	76	76
FUJI ELECTRIC CO., LTD. Patents By Year of Grant:	74	74
CASE CORPORATION Patents By Year of Grant:	73	73
EASTMAN CHEMICAL CO., LTD. Patents By Year of Grant:	73	73
NESTEC, S.A. Patents By Year of Grant:	73	73
SARNOFF CORPORATION & CO., LTD. Patents By Year of Grant:	73	73
WEATHERFORD/LAMB, INC. Patents By Year of Grant:	73	73
ITT MANUFACTURING ENTERPRISES, INC. Patents By Year of Grant:	72	72
PRAXAIR TECHNOLOGY, INC. Patents By Year of Grant:	72	72
ATI INTERNATIONAL SRL Patents By Year of Grant:	71	71
GENENTECH, INC. Patents By Year of Grant:	71	71
HARRIS CORP. Patents By Year of Grant:	71	71
HUGHES ELECTRONICS CORP. Patents By Year of Grant:	71	71
INTERNATIONAL GAME TECHNOLOGY (IGT) Patents By Year of Grant:	71	71

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<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
NIPPON SHEET GLASS CO., LTD. Patents By Year of Grant:	71	71
PIONEER HI-BRED INTERNATIONAL, INC. Patents By Year of Grant:	71	71
BATTELLE MEMORIAL INSTITUTE Patents By Year of Grant:	70	70
DANA CORPORATION Patents By Year of Grant:	70	70
JOHNS HOPKINS UNIVERSITY Patents By Year of Grant:	70	70
SHOWA DENKO KABUSHIKI KAISHA Patents By Year of Grant:	70	70
TOKAI RIKA DENKI SEISAKUSHO K.K. Patents By Year of Grant:	69	69
WARNER-LAMBERT COMPANY Patents By Year of Grant:	69	69
CALLAWAY GOLF COMPANY Patents By Year of Grant:	68	68
GENERAL HOSPITAL CORPORATION Patents By Year of Grant:	68	68
KYOCERA CORPORATION Patents By Year of Grant:	68	68
PHARMACIA & UPJOHN COMPANY Patents By Year of Grant:	68	68
ROCKWELL COLLINS, INC. Patents By Year of Grant:	68	68
UNITED STATES OF AMERICA, AIR FORCE Patents By Year of Grant:	68	68
ALTERA CORPORATION Patents By Year of Grant:	67	67
DAIMLERCHRYSLER CORPORATION Patents By Year of Grant:	67	67
UOP Patents By Year of Grant:	67	67
AVERY DENNISON CORPORATION Patents By Year of Grant:	66	66
BAXTER INTERNATIONAL INC. Patents By Year of Grant:	66	66
MITSUI CHEMICALS, INCORPORATED Patents By Year of Grant:	66	66
DAIKIN INDUSTRIES LIMITED Patents By Year of Grant:	65	65
ISIS PHARMACEUTICALS, INC. Patents By Year of Grant:	65	65

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<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
KANEKA CORPORATION Patents By Year of Grant:	65	65
MANNESMANN SACHS AG Patents By Year of Grant:	65	65
METSO PAPER, INC. Patents By Year of Grant:	65	65
SONY COMPUTER ENTERTAINMENT INC. Patents By Year of Grant:	65	65
TOYODA JIDOSHOKKI SEISAKUSHO KABUSHIKI KAISHA Patents By Year of Grant:	65	65
UT-BATTELLE, LLC Patents By Year of Grant:	65	65
NIPPON TELEGRAPH & TELEPHONE CORP. Patents By Year of Grant:	64	64
VICTOR COMPANY OF JAPAN, LIMITED Patents By Year of Grant:	64	64
CLARIANT GMBH Patents By Year of Grant:	63	63
DSM N.V. Patents By Year of Grant:	63	63
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN(HENKEL KGAA) Patents By Year of Grant:	63	63
ROCKWELL AUTOMATION TECHNOLOGIES, INC. Patents By Year of Grant:	63	63
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE Patents By Year of Grant:	63	63
UNIVERSITY OF MICHIGAN Patents By Year of Grant:	63	63
MITUTOYO CORPORATION Patents By Year of Grant:	62	62
TORAY INDUSTRIES INC. Patents By Year of Grant:	62	62
APPLERA CORPORATION Patents By Year of Grant:	61	61
AVENTIS PHARMA DEUTSCHLAND GMBH Patents By Year of Grant:	61	61
BAYER CORPORATION Patents By Year of Grant:	61	61
COLUMBIA UNIVERSITY Patents By Year of Grant:	61	61
HILL-ROM COMPANY, INC. Patents By Year of Grant:	61	61
KABUSHIKI KAISHA TOYOTA JIDOSHOKKI Patents By Year of Grant:	61	61

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<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
SCHERING CORP. Patents By Year of Grant:	61	61
ASAHI KASEI KOGYO KABUSHIKI KAISHA Patents By Year of Grant:	60	60
AUTONETWORKS TECHNOLOGIES, LTD. Patents By Year of Grant:	60	60
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY Patents By Year of Grant:	60	60
OMRON CORPORATION Patents By Year of Grant:	60	60
SILICONWARE PRECISION INDUSTRIES CO., LTD. Patents By Year of Grant:	60	60
CORNELL RESEARCH FOUNDATION INC. Patents By Year of Grant:	59	59
JDS UNIPHASE CORPORATION Patents By Year of Grant:	59	59
KONAMI CO., LTD. Patents By Year of Grant:	59	59
MAXTOR CORPORATION Patents By Year of Grant:	59	59
NIPPON STEEL CORP. Patents By Year of Grant:	59	59
NOVOZYMES A/S Patents By Year of Grant:	59	59
RAMBUS, INC. Patents By Year of Grant:	59	59
SYMBOL TECHNOLOGIES, INC. Patents By Year of Grant:	59	59
WESTERN DIGITAL TECHNOLOGIES, INC. Patents By Year of Grant:	59	59
HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V. Patents By Year of Grant:	58	58
KODAK POLYCHROME GRAPHICS, LLC Patents By Year of Grant:	58	58
MITSUMI ELECTRIC CO., LTD. Patents By Year of Grant:	58	58
NTN CORPORATION Patents By Year of Grant:	58	58
RHODIA CHIMIE Patents By Year of Grant:	58	58
STORAGE TECHNOLOGY CORPORATION Patents By Year of Grant:	58	58
UNITED TECHNOLOGIES CORPORATION Patents By Year of Grant:	58	58

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<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD. Patents By Year of Grant:	58	58
BRIDGESTONE SPORTS CO., LTD. Patents By Year of Grant:	57	57
SKYWORKS SOLUTIONS, INC. Patents By Year of Grant:	57	57
DELAWARE CAPITAL FORMATION, INC. Patents By Year of Grant:	56	56
ECOLAB INC. Patents By Year of Grant:	56	56
GATEWAY 2000, INC. Patents By Year of Grant:	56	56
HRL LABORATORIES, LLC Patents By Year of Grant:	56	56
MATSUSHITA ELECTRIC WORKS, LTD. Patents By Year of Grant:	56	56
NOVO NORDISK A/S Patents By Year of Grant:	56	56
ROLLS-ROYCE PLC Patents By Year of Grant:	56	56
AVENTIS PHARMA SA Patents By Year of Grant:	55	55
BASF CORP. Patents By Year of Grant:	55	55
DAICEL CHEMICAL INDUSTRIES LTD. Patents By Year of Grant:	55	55
FITEL U.S.A. CORP. Patents By Year of Grant:	55	55
KOYO SEIKO COMPANY, LTD. Patents By Year of Grant:	55	55
mitsubishi chemical corporation Patents By Year of Grant:	55	55
SHIMADZU CORPORATION Patents By Year of Grant:	55	55
BAYERISCHE MOTOREN WERKE AG Patents By Year of Grant:	54	54
CITIZEN WATCH CO., LTD. Patents By Year of Grant:	54	54
INTERDIGITAL TECHNOLOGY CORPORATION Patents By Year of Grant:	54	54
SIEMENS AUTOMOTIVE CORPORATION Patents By Year of Grant:	54	54
SPRINT COMMUNICATIONS COMPANY L.P. Patents By Year of Grant:	54	54

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<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
TEKTRONIX INC. Patents By Year of Grant:	54	54
UNISIA JECS CORPORATION Patents By Year of Grant:	54	54
ZAHNRADFABRIK FRIEDRICHSHAFEN AG Patents By Year of Grant:	54	54
AGENCY OF INDUSTRIAL SCIENCE & TECHNOLOGY Patents By Year of Grant:	53	53
BORGWARNER INC. Patents By Year of Grant:	53	53
LUK LAMELLEN UND KUPPLUNGSBAU BETEILIGUNGS KG Patents By Year of Grant:	53	53
MATTEL INC. Patents By Year of Grant:	53	53
BREED AUTOMOTIVE TECHNOLOGY, INC. Patents By Year of Grant:	52	52
CHEVRON U.S.A. INC. Patents By Year of Grant:	52	52
MICHELIN RECHERCHE ET TECHNIQUE Patents By Year of Grant:	52	52
NEW HOLLAND NORTH AMERICA, INC. Patents By Year of Grant:	52	52
SANDVIK AKTIEBOLAG Patents By Year of Grant:	52	52
SILICON GRAPHICS, INC. Patents By Year of Grant:	52	52
SMITH INTERNATIONAL INC. Patents By Year of Grant:	52	52
STMICROELECTRONICS, LTD. Patents By Year of Grant:	52	52
VIA TECHNOLOGIES, INC. Patents By Year of Grant:	52	52
WORLD.COM, INC. Patents By Year of Grant:	52	52
AISIN AW CO., LTD. Patents By Year of Grant:	51	51
ATOFINA Patents By Year of Grant:	51	51
CORNING CABLE SYSTEMS LLC Patents By Year of Grant:	51	51
HAMAMATSU PHOTONICS KABUSHIKI KAISHA Patents By Year of Grant:	51	51
INTERNATIONAL RECTIFIER CORPORATION Patents By Year of Grant:	51	51

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<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
NIDEX CO., LTD. Patents By Year of Grant:	51	51
PATENT-TREUHAND-GESELLSCHAFT FUR ELEKTRISCHE GLUHLAMPEN MBH Patents By Year of Grant:	51	51
PENN STATE RESEARCH FOUNDATION, INC. Patents By Year of Grant:	51	51
RISO KAGAKU CORPORATION Patents By Year of Grant:	51	51
SIEMENS VDO AUTOMOTIVE CORPORATION Patents By Year of Grant:	51	51
DIGIMARC CORPORATION Patents By Year of Grant:	50	50
EMERSON ELECTRIC CO. Patents By Year of Grant:	50	50
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC. Patents By Year of Grant:	50	50
ORACLE CORPORATION Patents By Year of Grant:	50	50
SUZUKI MOTOR CORPORATION Patents By Year of Grant:	50	50
TAKATA CORPORATION Patents By Year of Grant:	50	50
BRISTOL-MYERS SQUIBB PHARMA COMPANY Patents By Year of Grant:	49	49
INTERUNIVERSITAIR MICRO-ELECTRONICA CENTRUM, VZW Patents By Year of Grant:	49	49
MICHIGAN STATE UNIVERSITY Patents By Year of Grant:	49	49
ORTHO-MCNEIL PHARMACEUTICAL, INC. Patents By Year of Grant:	49	49
PORSCHE AG Patents By Year of Grant:	49	49
SHIPLEY COMPANY INC. Patents By Year of Grant:	49	49
SIEMENS WESTINGHOUSE POWER CORPORATION Patents By Year of Grant:	49	49
TERADYNE, INC. Patents By Year of Grant:	49	49
UMAX DATA SYSTEMS INC. Patents By Year of Grant:	49	49
ADVANCED TECHNOLOGY MATERIALS, INC. Patents By Year of Grant:	48	48
AFFYMETRIX, INC. Patents By Year of Grant:	48	48

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<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
AJINOMOTO COMPANY INCORPORATED Patents By Year of Grant:	48	48
BRITISH TELECOMMUNICATION, PLC Patents By Year of Grant:	48	48
HOYA CORPORATION Patents By Year of Grant:	48	48
JAPAN SCIENCE AND TECHNOLOGY CORPORATION Patents By Year of Grant:	48	48
PHILLIPS PETROLEUM COMPANY Patents By Year of Grant:	48	48
ANDO ELECTRIC CO., LTD. Patents By Year of Grant:	47	47
CALIPER TECHNOLOGIES CORP. Patents By Year of Grant:	47	47
CARL ZEISS STIFTUNG Patents By Year of Grant:	47	47
NOVELLUS SYSTEMS, INC. Patents By Year of Grant:	47	47
SCA HYGIENE PRODUCTS AB Patents By Year of Grant:	47	47
WEBASTO VEHICLE SYSTEMS INTERNATIONAL GMBH Patents By Year of Grant:	47	47
YOKOHAMA RUBBER CO., LTD. Patents By Year of Grant:	47	47
CONTINENTAL TEVES AG & CO., OHG Patents By Year of Grant:	46	46
DOW CORNING CORPORATION Patents By Year of Grant:	46	46
FILTERWERK MANN + HUMMEL GMBH Patents By Year of Grant:	46	46
FMC TECHNOLOGIES, INC. Patents By Year of Grant:	46	46
FORD MOTOR COMPANY Patents By Year of Grant:	46	46
G. D. SEARLE & CO. Patents By Year of Grant:	46	46
GENTEX CORPORATION Patents By Year of Grant:	46	46
KAWASAKI JUKOGYO KABUSHIKI KAISHA Patents By Year of Grant:	46	46
mitsubishi GAS-CHEMICAL COMPANY, INC. Patents By Year of Grant:	46	46
SANKYO SEIKI MFG. CO., LTD. Patents By Year of Grant:	46	46

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<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
SDGI HOLDINGS, INC. Patents By Year of Grant:	46	46
TAKEDA CHEMICAL INDUSTRIES LTD. Patents By Year of Grant:	46	46
ALSTOM Patents By Year of Grant:	45	45
MONSANTO TECHNOLOGY, LLC Patents By Year of Grant:	45	45
NATIONAL RESEARCH COUNCIL OF CANADA Patents By Year of Grant:	45	45
TEIJIN LIMITED Patents By Year of Grant:	45	45
VOITH PAPER PATENT GMBH Patents By Year of Grant:	45	45
BAUSCH & LOMB, INC. Patents By Year of Grant:	44	44
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIC (CNRS) Patents By Year of Grant:	44	44
JSR CORPORATION Patents By Year of Grant:	44	44
KOBE STEEL LTD. Patents By Year of Grant:	44	44
MAYTAG CORPORATION Patents By Year of Grant:	44	44
MAZDA MOTOR CORPORATION Patents By Year of Grant:	44	44
NEC LCD TECHNOLOGIES, LTD. Patents By Year of Grant:	44	44
NISSHINBO INDUSTRIES, INC. Patents By Year of Grant:	44	44
NORTH CAROLINA STATE UNIVERSITY Patents By Year of Grant:	44	44
OSRAM SYLVANIA INC. Patents By Year of Grant:	44	44
SEMITOOL, INC. Patents By Year of Grant:	44	44
SHINKO ELECTRIC INDUSTRIES CO., LTD. Patents By Year of Grant:	44	44
TOKAI RUBBER INDUSTRIES, LTD. Patents By Year of Grant:	44	44
UNIVERSITY OF FLORIDA BOARD OF REGENTS Patents By Year of Grant:	44	44
WEYERHAEUSER COMPANY Patents By Year of Grant:	44	44

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<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
ACUSON CORPORATION Patents By Year of Grant:	43	43
BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION, INC. Patents By Year of Grant:	43	43
BEN Q CORPORATION Patents By Year of Grant:	43	43
FAIRCHILD SEMICONDUCTOR CORPORATION Patents By Year of Grant:	43	43
GEORGIA TECH RESEARCH CORP. Patents By Year of Grant:	43	43
INFINEON TECHNOLOGIES NORTH AMERICA CORP. Patents By Year of Grant:	43	43
ROSEMOUNT INC. Patents By Year of Grant:	43	43
SYMYX TECHNOLOGIES, INC. Patents By Year of Grant:	43	43
USHIO DENKI KABUSHIKI KAISYA Patents By Year of Grant:	43	43
VOLKSWAGEN AKTIENGESELLSCHAFT Patents By Year of Grant:	43	43
WHIRLPOOL CORPORATION Patents By Year of Grant:	43	43
ACCENTURE LLP Patents By Year of Grant:	42	42
BRUNSWICK CORPORATION Patents By Year of Grant:	42	42
DOW CHEMICAL COMPANY Patents By Year of Grant:	42	42
KAWASAKI STEEL CORPORATION Patents By Year of Grant:	42	42
METROLOGIC INSTRUMENTS INC. Patents By Year of Grant:	42	42
MITSUBISHI RAYON CO., LTD. Patents By Year of Grant:	42	42
NEC TOKIN CORPORATION Patents By Year of Grant:	42	42
NOKIA TELECOMMUNICATIONS OY Patents By Year of Grant:	42	42
OAK TECHNOLOGIES, INC. Patents By Year of Grant:	42	42
SCHOTT GLASWERKE Patents By Year of Grant:	42	42
SPX CORPORATION Patents By Year of Grant:	42	42

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<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY Patents By Year of Grant:	42	42
ALLERGAN, INC. Patents By Year of Grant:	41	41
ANDREAS STIHL AG & CO. Patents By Year of Grant:	41	41
CADENCE DESIGN SYSTEMS, INC. Patents By Year of Grant:	41	41
CHISSO CORPORATION Patents By Year of Grant:	41	41
COMPAQ INFORMATION TECHNOLOGIES GROUP, L.P. Patents By Year of Grant:	41	41
CORIXA CORPORATION Patents By Year of Grant:	41	41
ENGELHARD CORPORATION Patents By Year of Grant:	41	41
HITACHI KOKI COMPANY, LIMITED Patents By Year of Grant:	41	41
INTERNATIONAL TRUCK INTELLECTUAL PROPERTY COMPANY L.L.C. Patents By Year of Grant:	41	41
INTERSIL AMERICAS INC. Patents By Year of Grant:	41	41
L&P PROPERTY MANAGEMENT COMPANY Patents By Year of Grant:	41	41
M.A.N. ROLAND DRUCKMASCHINEN AG Patents By Year of Grant:	41	41
NATIONAL STARCH AND CHEMICAL INVESTMENT HOLDING CORPORATION Patents By Year of Grant:	41	41
SILICON INTEGRATED SYSTEMS CORP. Patents By Year of Grant:	41	41
TRIMBLE NAVIGATION, LTD. Patents By Year of Grant:	41	41
UAB RESEARCH FOUNDATION Patents By Year of Grant:	41	41
UBE INDUSTRIES LTD. Patents By Year of Grant:	41	41
ALCOA INC. Patents By Year of Grant:	40	40
AU OPTRONICS CORP. Patents By Year of Grant:	40	40
BEIERSDORF AKTIENGESELLSCHAFT Patents By Year of Grant:	40	40
CONOCOPHILLIPS COMPANY Patents By Year of Grant:	40	40

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<u>ORGANIZATION</u>	<u>2003</u>	<u>TOTAL</u>
DONNELLY CORPORATION Patents By Year of Grant:	40	40
DUKE UNIVERSITY INC. Patents By Year of Grant:	40	40
GENENCOR INTERNATIONAL, INC. Patents By Year of Grant:	40	40
HARVARD COLLEGE, PRESIDENT AND FELLOWS Patents By Year of Grant:	40	40
KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY Patents By Year of Grant:	40	40
LATTICE SEMICONDUCTOR CORPORATION Patents By Year of Grant:	40	40
MALLINCKRODT, INC. Patents By Year of Grant:	40	40
MOLEX INCORPORATED Patents By Year of Grant:	40	40
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY Patents By Year of Grant:	40	40
SCHERING AKTIENGESELLSCHAFT Patents By Year of Grant:	40	40
VERIZON LABORATORIES INC. Patents By Year of Grant:	40	40
VERTEX PHARMACEUTICALS, INC. Patents By Year of Grant:	40	40
YEDA RESEARCH AND DEVELOPMENT CO., LTD. Patents By Year of Grant:	40	40
Other Organizations (26179) Patents By Year of Grant:	67243	67243