

REISSUE PATENTS
JANUARY 1977 -- DECEMBER 2012



March 2013
U.S. PATENT AND TRADEMARK OFFICE
ELECTRONIC INFORMATION PRODUCTS DIVISION - PTMT
P.O. Box 1450
ALEXANDRIA, VA 22313-1450
tel (571) 272-5600 / FAX (571) 273-0110

A PATENT TECHNOLOGY MONITORING TEAM REPORT

Reissue Patents Report 1/1977 - 12/2012 Explanation of Data

This Patent Technology Monitoring Team (PTMT) Report profiles patent activity for U.S. reissue patents (hereafter referred to as patents) granted between **January 1, 1977** and **December 31, 2012**. 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 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 application was 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 in the "**Pre 1999**" column correspond to the period **prior to 1999**.

Part B

Part B of this report distributes patent GRANT data for organizations that have received U.S. patents since **1977**. 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 patent and the issuing of the patent (i.e., a patent's "pendency") is now about **32** months, the patented application data for 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 such fluctuations would for the most part be immune from changes in PTO processing such as occurred in years such as 1986 and 2005 when the PTO issued fewer patents than would have normally been expected due to 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.

Patent data in the "**Pre 1999**" column correspond to the period **prior to 1999**.

Parts of the Report

Parts A1 and A2 present tables which show, by number and percent, the patent activity. 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 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) which have received 5 or more U.S. reissue patents since **1977**. 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 application was filed. Information on 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 2012, patent grant data, as distributed by year of application are approximately 95% complete for utility patent applications filed in 2004, 89% complete for applications filed in 2005, 80% complete for applications filed in 2006, 67% complete for applications filed in 2007, 49% complete for applications filed in 2008, 36% complete for applications filed in 2009, and 19% complete for applications filed in 2010; data are essentially complete for applications filed prior to 2004. About 90% of all patent documents granted by USPTO (i.e., including utility, design, plant, and reissue patents, statutory invention registrations, and defensive publications) are utility patent grants. Currently, completion percentages restricted to reissue patents are not available.

Part A1

Patent Grants As Distributed By Year of Patent Grant

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2012) ----

----- NUMBER OF PATENTS -----
 Pre 1999 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 Total

Total	6820	448	524	480	460	421	298	245	519	508	647	453	947	1029	822	14621
U.S. Origin	4666	274	331	266	262	222	159	136	295	280	333	236	463	557	401	8881
Foreign Origin	2154	174	193	214	198	199	139	109	224	228	314	217	484	472	421	5740

JAPAN	873	86	112	98	87	98	67	55	115	106	143	90	204	181	153	2468
GERMANY	336	20	13	23	23	21	12	10	13	20	19	19	40	27	33	629
UNITED KINGDOM	245	7	13	11	18	8	8	4	10	12	19	9	24	19	27	434
KOREA, SOUTH	5	6	7	6	11	2	5	6	12	12	22	19	68	75	70	326
CANADA	113	8	10	11	11	16	8	3	16	12	17	12	21	31	18	307
FRANCE	130	14	7	15	10	18	12	7	7	8	12	8	16	19	8	291
TAIWAN	9		4	5	5	8	1	4	5	8	17	15	47	38	24	190
ITALY	64	14	4	15	5	6	3	1	3	9	9	4	8	9	10	164
SWEDEN	62	4		6	7	2	1	1	4	10	10	10	10	11	6	144
NETHERLANDS	72	4	1	4	3	4	3	3	5		3	2	4	5	12	125
SWITZERLAND	67	1	4	4	2		3		5	3	5	4	4	3	7	112
ISRAEL	20	1	4	2	4	2	1	5	5	9	8	3	4	12	6	86
AUSTRALIA	32	1	1	4	3	2			7	5	6	3	4	3	3	74
DENMARK	23	4	2	2		2	2	1	3	3	1	1	2	6	5	57
FINLAND	10	1	1		1	2	1		2	1	2	1	7	7	14	50
BELGIUM	15		2		3	3			1	1	3	4	2	1	4	39
AUSTRIA	16	1	2	2	2	4	1	1		1	4		1	3		38
SPAIN	5		1				3	2	2	4		2	2	3	2	28
NORWAY	14	1		1			1	1	1				3	1	1	24
NEW ZEALAND	8		1	3					1	2		1	2	3		21
CHINA,HONG KONG S.A.R	2		1	1		1	1	2			1	1	2	3	1	16
SINGAPORE				1				2	2	2	2	1	3		1	14
CHINA, PEOPLE'S REPUB							1				1			6	3	13
SOUTH AFRICA	4		1		1							1	1		1	9
RUSSIAN FEDERATION	2		1				1			1	1	1	1		1	9
INDIA									1		1		1	1	4	8
LUXEMBOURG	2				1				1				1			5
INDONESIA	4															4
THAILAND	1									1		2				4
ARGENTINA	2							1			1					4
MEXICO	2						1								1	4
BRAZIL	3															3
IRELAND	2											1				3
HUNGARY	2														1	3
ANDORRA												1	1		1	3
LIECHTENSTEIN	2															2
Others (23)	7	1	1		1		3	1	2		3		1	5	4	29

Ownership:

U.S. Corporations	3812	214	265	234	211	198	136	114	254	242	297	203	367	528	411	7486
U.S. Government	19	1	5	3			1	1	2	1		4	2	3	2	44
U.S. Individuals	970	66	64	43	58	32	24	25	38	45	41	37	94	69	36	1642
Foreign Corporations	1780	158	180	180	179	179	130	99	212	211	294	186	420	409	364	4981
Foreign Government	22			1	1	1				2				1	1	29
Foreign Individuals	217	9	10	19	11	11	7	6	13	7	15	23	64	19	8	439

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2012) ----

----- PERCENT OF PATENTS -----

Pre 1999 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 Total

Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	68	61	63	55	57	53	53	56	57	55	51	52	49	54	49	61
Foreign Origin	32	39	37	45	43	47	47	44	43	45	49	48	51	46	51	39
JAPAN	13	19	21	20	19	23	22	22	22	21	22	20	22	18	19	17
GERMANY	5	4	2	5	5	5	4	4	3	4	3	4	4	3	4	4
UNITED KINGDOM	4	2	2	2	4	2	3	2	2	2	3	2	3	2	3	3
KOREA, SOUTH		1	1	1	2		2	2	2	2	3	4	7	7	9	2
CANADA	2	2	2	2	2	4	3	1	3	2	3	3	2	3	2	2
FRANCE	2	3	1	3	2	4	4	3	1	2	2	2	2	2	1	2
TAIWAN			1	1	1	2		2	1	2	3	3	5	4	3	1
ITALY	1	3	1	3	1	1	1		1	2	1	1	1	1	1	1
SWEDEN	1	1		1	2				1	2	2	2	1	1	1	1
NETHERLANDS	1	1		1	1	1	1	1	1						1	1
SWITZERLAND	1		1	1			1		1	1	1	1			1	1
ISRAEL			1		1			2	1	2	1	1		1	1	1
AUSTRALIA				1	1				1	1	1	1				1
DENMARK		1					1		1	1	1	1		1	1	0
FINLAND													1	1	2	0
BELGIUM					1	1						1				0
AUSTRIA						1					1					0
SPAIN							1	1			1					0
NORWAY																0
NEW ZEALAND				1												0
CHINA,HONG KONG S.A.R								1								0
SINGAPORE								1								0
CHINA, PEOPLE'S REPUB														1		0
SOUTH AFRICA																0
RUSSIAN FEDERATION																0
INDIA																0
LUXEMBOURG																0
INDONESIA																0
THAILAND																0
ARGENTINA																0
MEXICO																0
BRAZIL																0
IRELAND																0
HUNGARY																0
ANDORRA																0
LIECHTENSTEIN																0
Others (23)							1									

Ownership:

U.S. Corporations	56	48	51	49	46	47	46	47	49	48	46	45	39	51	50	51
U.S. Government			1	1								1				0
U.S. Individuals	14	15	12	9	13	8	8	10	7	9	6	8	10	7	4	11
Foreign Corporations	26	35	34	38	39	43	44	40	41	42	45	41	44	40	44	34
Foreign Government																0
Foreign Individuals	3	2	2	4	2	3	2	2	3	1	2	5	7	2	1	3

Part A2

Patent Grants As Distributed By Year of Patent Application

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2012) ----

 NUMBER OF PATENTED APPLICATIONS

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	Total
Total	8528	554	656	614	558	515	509	538	520	467	392	326	280	152	12	14621
U.S. Origin	5605	306	334	335	297	305	269	282	271	265	217	187	133	69	6	8881
Foreign Origin	2923	248	322	279	261	210	240	256	249	202	175	139	147	83	6	5740
JAPAN	1228	125	153	134	140	110	102	89	87	77	76	55	69	22	1	2468
GERMANY	408	28	27	28	16	19	21	16	10	10	17	13	6	9	1	629
UNITED KINGDOM	300	14	21	14	21	10	8	9	14	6	7	4	4	2		434
KOREA, SOUTH	37	10	14	7	15	10	29	32	20	43	32	21	35	20	1	326
CANADA	146	11	18	19	15	9	13	13	14	19	9	10	5	6		307
FRANCE	172	11	23	26	10	7	10	11	9	2	1	6	2		1	291
TAIWAN	16	6	8	6	8	8	12	44	36	21	8	10	4	3		190
ITALY	100	11	8	3	3	5	2	6	14	3	1	1	4	2	1	164
SWEDEN	92	5	5	5	2		3	2	16	4	3	1	4	2		144
NETHERLANDS	88	4	4	3	3	5	5	1	1		4	2		4	1	125
SWITZERLAND	77	5	4	2	4	3	4	4	1	3	1	1	1	2		112
ISRAEL	31	1	11	7	7	4	4	5	5	2	4	2	1	2		86
AUSTRALIA	44	5	4	1	3	2	5	4	2	1		2	1			74
DENMARK	37	1		3	2	2	3	1	3	2		2	1			57
FINLAND	16	2	3	6		2	1	5	4	4	2	2	1	2		50
BELGIUM	24	1	3	3		2	1	1	1				1	2		39
AUSTRIA	21	1	5	3	2		2	1		1			2			38
SPAIN	8	4	1		3	3	5				2	1	1			28
NORWAY	17	1			2	1	1				1		1			24
NEW ZEALAND	13		3				2	2		1						21
CHINA,HONG KONG S.A.R	4	1	2		1	1	2		1			2	1	1		16
SINGAPORE	4		4				1	1	1	1		1	1			14
CHINA, PEOPLE'S REPUB				1		1	1	2	2		1	1	2	2		13
SOUTH AFRICA	6					1						1		1		9
RUSSIAN FEDERATION	4			1		1		1	1		1					9
INDIA				1		1		1		1	4					8
LUXEMBOURG	2			1		1					1					5
INDONESIA	4															4
MEXICO	2					1				1						4
ARGENTINA	2			1	1											4
THAILAND	1								3							4
IRELAND	2							1								3
BRAZIL	3															3
HUNGARY	2							1								3
ANDORRA								1	2							3
CZECHOSLOVAKIA	2															2
Others (23)	10	1	1	4	3	1	3	2	2			1		1		29
Ownership:																
U.S. Corporations	4601	266	283	296	246	262	253	245	233	223	203	182	112	75	6	7486
U.S. Government	28	2	3		1	1	3	1	3	2						44
U.S. Individuals	1137	51	61	54	49	40	30	51	54	47	34	14	14	6		1642
Foreign Corporations	2475	215	290	251	243	206	215	206	199	177	149	125	153	71	6	4981
Foreign Government	25	1		1	2											29
Foreign Individuals	262	19	19	12	17	6	8	35	31	18	6	5	1			439

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2012) ----

----- PERCENT OF PATENTED APPLICATIONS -----

Pre 1999 1999 2000 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 Total

Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	66	55	51	55	53	59	53	52	52	57	55	57	48	45	50	61
Foreign Origin	34	45	49	45	47	41	47	48	48	43	45	43	53	55	50	39

JAPAN	14	23	23	22	25	21	20	17	17	16	19	17	25	14	8	17
GERMANY	5	5	4	5	3	4	4	3	2	2	4	4	2	6	8	4
UNITED KINGDOM	4	3	3	2	4	2	2	2	3	1	2	1	1	1		3
KOREA, SOUTH		2	2	1	3	2	6	6	4	9	8	6	13	13	8	2
CANADA	2	2	3	3	3	2	3	2	3	4	2	3	2	4		2
FRANCE	2	2	4	4	2	1	2	2	2			2	1		8	2
TAIWAN		1	1	1	1	2	2	8	7	4	2	3	1	2		1
ITALY	1	2	1		1	1		1	3	1			1	1	8	1
SWEDEN	1	1	1	1			1		3	1			1	1		1
NETHERLANDS	1	1	1		1	1	1			1	1			3	8	1
SWITZERLAND	1	1	1		1	1	1	1		1				1		1
ISRAEL			2	1	1	1	1	1	1		1	1		1		1
AUSTRALIA	1	1	1		1		1	1				1				1
DENMARK							1		1			1				0
FINLAND				1				1	1	1	1	1			1	0
BELGIUM															1	0
AUSTRIA			1										1			0
SPAIN		1			1	1	1				1					0
NORWAY																0
NEW ZEALAND																0
CHINA,HONG KONG S.A.R												1		1		0
SINGAPORE			1													0
CHINA, PEOPLE'S REPUB													1	1		0
SOUTH AFRICA														1		0
RUSSIAN FEDERATION																0
INDIA											1					0
LUXEMBOURG																0
INDONESIA																0
MEXICO																0
ARGENTINA																0
THAILAND									1							0
IRELAND																0
BRAZIL																0
HUNGARY																0
ANDORRA																0
CZECHOSLOVAKIA																0
Others (23)				1	1		1							2		0

Ownership:

U.S. Corporations	54	48	43	48	44	51	50	46	45	48	52	56	40	49	50	51
U.S. Government							1		1							0
U.S. Individuals	13	9	9	9	9	8	6	9	10	10	9	4	5	4		11
Foreign Corporations	29	39	44	41	44	40	42	38	38	38	38	38	55	47	50	34
Foreign Government																0
Foreign Individuals	3	3	3	2	3	1	2	7	6	4	2	2				3

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, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
HITACHI, LTD																
Patents By Year of Grant:	94	0	7	7	6	8	4	1	8	11	6	4	5	8	4	173
Patents By Year of Application:	114	6	8	6	11	3	5	5	4	3	1	2	3	2	0	173
LG ELECTRONICS INC.																
Patents By Year of Grant:	0	0	3	4	0	0	0	2	3	4	6	4	43	50	33	152
Patents By Year of Application:	7	3	0	1	0	5	9	18	12	39	20	12	18	8	0	152
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	21	4	7	9	5	4	9	12	26	23	25	1	0	1	0	147
Patents By Year of Application:	44	10	29	20	10	26	7	1	0	0	0	0	0	0	0	147
SONY CORPORATION																
Patents By Year of Grant:	24	1	7	6	4	5	7	3	1	5	10	6	19	12	15	125
Patents By Year of Application:	40	8	13	6	5	1	12	6	4	3	17	5	4	1	0	125
TOSHIBA CORPORATION																
Patents By Year of Grant:	17	4	11	4	4	2	1	2	4	2	6	6	15	24	17	119
Patents By Year of Application:	38	4	3	5	5	4	5	4	12	3	9	6	20	1	0	119
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	3	4	2	0	9	0	5	3	7	7	6	14	19	12	17	108
Patents By Year of Application:	20	5	12	7	8	3	12	10	7	4	4	5	3	8	0	108
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	72	2	2	0	1	0	1	0	3	2	2	2	4	2	0	93
Patents By Year of Application:	76	0	3	0	1	5	1	2	3	2	0	0	0	0	0	93
PANASONIC CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	27	33	10	12	84
Patents By Year of Application:	2	4	8	8	6	7	7	9	6	11	7	5	3	1	0	84
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	10	2	4	1	6	10	2	2	5	5	8	3	8	9	9	84
Patents By Year of Application:	24	1	4	14	7	3	1	6	2	7	4	4	3	4	0	84
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	30	3	4	0	2	2	1	4	2	2	7	2	3	10	4	76
Patents By Year of Application:	41	2	6	5	2	2	1	3	3	3	3	1	1	3	0	76
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	31	7	9	0	2	2	2	2	2	1	5	2	5	2	3	75
Patents By Year of Application:	52	1	2	3	2	3	1	2	3	1	2	0	3	0	0	75

[illegible]

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
CATERPILLAR INC.																
Patents By Year of Grant:	30	1	1	1	1	0	0	1	0	1	1	0	2	0	0	39
Patents By Year of Application:	33	1	0	1	1	0	0	0	1	0	2	0	0	0	0	39
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	7	0	1	1	3	1	1	2	4	1	2	1	5	7	3	39
Patents By Year of Application:	8	4	2	3	3	1	7	1	3	2	3	2	0	0	0	39
NEC CORPORATION																
Patents By Year of Grant:	14	2	1	2	2	0	2	0	1	2	2	1	3	1	2	35
Patents By Year of Application:	17	3	2	1	2	3	2	2	1	0	0	0	2	0	0	35
XEROX CORPORATION																
Patents By Year of Grant:	24	0	0	1	0	1	1	1	1	1	2	0	1	2	0	35
Patents By Year of Application:	24	1	0	3	3	0	1	0	0	1	0	1	1	0	0	35
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	30	1	0	1	1	0	0	0	0	0	0	0	0	0	0	33
Patents By Year of Application:	32	1	0	0	0	0	0	0	0	0	0	0	0	0	0	33
ELI LILLY AND COMPANY																
Patents By Year of Grant:	19	0	0	0	2	1	0	0	5	0	1	1	1	1	1	32
Patents By Year of Application:	19	3	2	1	1	3	0	1	0	0	0	0	1	1	0	32
EATON CORPORATION																
Patents By Year of Grant:	25	0	2	1	1	0	1	0	0	1	0	0	0	0	0	31
Patents By Year of Application:	28	0	2	0	0	1	0	0	0	0	0	0	0	0	0	31
RCA CORPORATION																
Patents By Year of Grant:	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
Patents By Year of Application:	30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	30
ASAHI KOGAKU KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	18	5	6	0	0	0	0	0	0	0	0	0	0	0	0	29
Patents By Year of Application:	29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29
INTEL CORPORATION																
Patents By Year of Grant:	1	2	1	1	0	1	3	1	4	4	2	3	5	0	1	29
Patents By Year of Application:	8	0	3	3	3	6	2	3	1	0	0	0	0	0	0	29
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	8	0	0	3	2	1	0	1	1	1	0	1	1	1	9	29
Patents By Year of Application:	10	1	4	1	1	1	0	0	1	1	2	2	3	2	0	29

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	18	1	3	0	0	1	0	0	0	1	0	0	1	3	1	29
Patents By Year of Application:	22	0	1	0	0	1	1	1	1	1	0	1	0	0	0	29
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	0	0	2	3	2	5	0	2	1	2	3	3	1	3	1	28
Patents By Year of Application:	4	6	4	2	3	1	3	1	1	3	0	0	0	0	0	28
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	27	0	0	1	0	0	0	0	0	0	0	0	0	0	0	28
Patents By Year of Application:	28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	28
L'OREAL S.A.																
Patents By Year of Grant:	4	0	0	1	2	10	3	3	1	1	1	0	1	1	0	28
Patents By Year of Application:	5	3	4	13	0	1	1	1	0	0	0	0	0	0	0	28
ROUND ROCK RESEARCH, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	8	13	7	28
Patents By Year of Application:	0	0	0	0	0	3	2	2	1	13	2	4	1	0	0	28
MASSACHUSETTS INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	11	3	1	3	1	0	0	0	1	0	0	1	3	1	2	27
Patents By Year of Application:	17	3	0	0	1	0	1	0	1	0	2	1	1	0	0	27
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	10	3	0	0	2	5	2	0	1	0	0	1	0	0	3	27
Patents By Year of Application:	13	0	2	7	3	0	2	0	0	0	0	0	0	0	0	27
OLYMPUS OPTICAL CO., LTD.																
Patents By Year of Grant:	10	2	1	3	2	2	1	2	0	2	1	0	0	0	0	26
Patents By Year of Application:	13	4	2	2	2	3	0	0	0	0	0	0	0	0	0	26
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	7	0	0	0	1	1	0	0	1	1	3	3	3	4	2	26
Patents By Year of Application:	7	1	0	3	0	1	1	0	8	0	1	2	1	1	0	26
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	8	1	0	0	0	0	0	1	2	0	1	2	1	3	5	24
Patents By Year of Application:	9	2	0	1	1	0	1	1	3	5	0	0	0	1	0	24
YAMAHA CORPORATION																
Patents By Year of Grant:	7	0	1	4	2	2	2	0	0	1	2	0	2	0	1	24
Patents By Year of Application:	12	4	4	2	0	0	1	0	0	0	0	0	1	0	0	24

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
INTERSIL AMERICAS INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	2	0	0	1	1	1	9	6	20
Patents By Year of Application:	0	0	0	0	1	1	0	2	2	1	5	3	4	1	0	20
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	2	1	5	4	3	0	1	1	1	0	1	0	1	0	0	20
Patents By Year of Application:	11	3	1	1	2	0	1	1	0	0	0	0	0	0	0	20
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	17	1	0	0	0	1	0	0	0	0	1	0	0	0	0	20
Patents By Year of Application:	19	1	0	0	0	0	0	0	0	0	0	0	0	0	0	20
SANDVIK INTELLECTUAL PROPERTY AB																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	5	7	4	4	0	0	20
Patents By Year of Application:	4	0	0	0	0	0	0	0	15	1	0	0	0	0	0	20
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.																
Patents By Year of Grant:	14	0	0	2	1	0	0	0	0	0	1	0	0	1	1	20
Patents By Year of Application:	17	0	0	0	0	0	1	0	0	0	1	0	1	0	0	20
EXXON RESEARCH + ENGINEERING CO.																
Patents By Year of Grant:	14	0	0	3	2	0	0	0	0	0	0	0	0	0	0	19
Patents By Year of Application:	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
MOBIL OIL CORP.																
Patents By Year of Grant:	18	0	1	0	0	0	0	0	0	0	0	0	0	0	0	19
Patents By Year of Application:	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
PHILLIPS PETROLEUM COMPANY																
Patents By Year of Grant:	17	0	0	0	2	0	0	0	0	0	0	0	0	0	0	19
Patents By Year of Application:	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
SGS-THOMSON MICROELECTRONICS S.R.L.																
Patents By Year of Grant:	14	3	2	0	0	0	0	0	0	0	0	0	0	0	0	19
Patents By Year of Application:	19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	19
STMICROELECTRONICS, INC.																
Patents By Year of Grant:	0	2	1	1	3	2	0	1	0	2	2	0	4	1	0	19
Patents By Year of Application:	5	1	8	3	1	0	0	1	0	0	0	0	0	0	0	19
BRISTOL-MYERS SQUIBB COMPANY																
Patents By Year of Grant:	6	1	0	0	0	0	0	0	2	1	1	0	4	3	0	18
Patents By Year of Application:	7	0	0	0	0	0	1	3	1	0	0	4	1	1	0	18

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Ranked List of Organizations with 5 or More Patents ----

[illegible]

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ALTERA CORPORATION																
Patents By Year of Grant:	1	0	0	1	0	0	2	0	0	0	3	3	4	1	0	15
Patents By Year of Application:	3	0	0	2	0	1	5	0	1	0	1	2	0	0	0	15
DEERE + COMPANY																
Patents By Year of Grant:	14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	15
Patents By Year of Application:	14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	15
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	13	1	0	1	0	0	0	0	0	0	0	0	0	0	0	15
Patents By Year of Application:	14	0	1	0	0	0	0	0	0	0	0	0	0	0	0	15
INFINEON TECHNOLOGIES AG																
Patents By Year of Grant:	0	0	0	0	1	2	0	0	2	1	3	0	4	1	1	15
Patents By Year of Application:	0	0	0	4	1	4	2	0	0	1	0	1	1	1	0	15
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
Patents By Year of Grant:	0	0	0	0	2	1	2	2	0	0	0	0	1	3	4	15
Patents By Year of Application:	1	0	3	1	2	2	1	2	0	2	0	0	1	0	0	15
MEDTRONIC INC.																
Patents By Year of Grant:	7	0	1	2	0	0	1	1	0	0	0	0	0	3	0	15
Patents By Year of Application:	10	0	1	2	0	0	0	0	1	1	0	0	0	0	0	15
MOLEX INCORPORATED																
Patents By Year of Grant:	10	0	0	1	0	0	0	1	0	0	0	0	1	0	2	15
Patents By Year of Application:	10	1	0	0	1	0	0	0	1	0	0	0	2	0	0	15
SEAGATE TECHNOLOGY, LLC																
Patents By Year of Grant:	4	0	2	0	0	2	0	0	0	0	1	0	0	3	3	15
Patents By Year of Application:	6	1	0	1	0	2	0	0	0	0	0	0	3	2	0	15
SHIMANO INC.																
Patents By Year of Grant:	0	0	1	1	0	1	0	0	2	3	0	1	2	2	2	15
Patents By Year of Application:	2	1	0	0	2	1	5	1	1	0	2	0	0	0	0	15
DENSO CORPORATION																
Patents By Year of Grant:	0	1	0	0	0	0	0	0	0	1	2	1	3	4	2	14
Patents By Year of Application:	1	0	0	0	5	0	1	1	1	2	0	2	1	0	0	14
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	7	1	1	0	3	0	0	0	0	1	0	0	0	1	0	14
Patents By Year of Application:	11	0	1	0	0	0	0	1	1	0	0	0	0	0	0	14

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
MONSANTO COMPANY, INC.																
Patents By Year of Grant:	12	0	1	0	1	0	0	0	0	0	0	0	0	0	0	14
Patents By Year of Application:	13	0	1	0	0	0	0	0	0	0	0	0	0	0	0	14
OUTBOARD MARINE CORPORATION																
Patents By Year of Grant:	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Patents By Year of Application:	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
ROCKWELL INTERNATIONAL CORPORATION																
Patents By Year of Grant:	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	14
Patents By Year of Application:	14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	14
SUN MICROSYSTEMS, INC.																
Patents By Year of Grant:	0	1	1	0	0	4	2	0	2	1	0	2	1	0	0	14
Patents By Year of Application:	4	1	2	4	1	1	1	0	0	0	0	0	0	0	0	14
ABBOTT LABORATORIES																
Patents By Year of Grant:	7	0	1	0	0	0	0	0	2	2	0	0	1	0	0	13
Patents By Year of Application:	8	0	0	0	1	0	3	0	0	0	1	0	0	0	0	13
BLACK & DECKER INC.																
Patents By Year of Grant:	1	1	0	2	1	0	0	0	1	0	2	1	1	1	2	13
Patents By Year of Application:	3	2	0	0	1	1	0	3	0	0	1	0	1	1	0	13
CARRIER CORPORATION																
Patents By Year of Grant:	6	1	1	0	1	0	0	0	1	1	1	0	0	1	0	13
Patents By Year of Application:	9	0	0	1	1	1	0	0	1	0	0	0	0	0	0	13
CIBA-GEIGY CORPORATION																
Patents By Year of Grant:	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
Patents By Year of Application:	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
FORD GLOBAL TECHNOLOGIES, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	5	1	3	2	1	13
Patents By Year of Application:	0	0	0	2	0	0	3	1	3	3	0	1	0	0	0	13
MARVELL INTERNATIONAL LTD.																
Patents By Year of Grant:	0	0	0	1	3	0	1	0	1	0	0	1	2	3	1	13
Patents By Year of Application:	0	0	3	3	0	1	0	2	0	2	0	0	2	0	0	13
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	4	0	0	0	2	0	0	1	1	1	1	0	1	2	0	13
Patents By Year of Application:	5	1	2	0	2	0	1	1	0	0	1	0	0	0	0	13

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
SGS-THOMSON MICROELECTRONICS S.A.																
Patents By Year of Grant:	7	4	2	0	0	0	0	0	0	0	0	0	0	0	0	13
Patents By Year of Application:	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	1	1	2	0	3	4	1	13
Patents By Year of Application:	0	0	0	0	2	3	0	2	1	2	0	2	1	0	0	13
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	3	1	2	1	0	0	0	0	2	0	0	1	0	2	1	13
Patents By Year of Application:	6	0	1	0	0	0	3	0	1	2	0	0	0	0	0	13
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	1	1	1	3	1	1	1	0	0	0	0	0	3	0	0	12
Patents By Year of Application:	5	1	2	1	0	0	0	0	0	1	2	0	0	0	0	12
ASML NETHERLANDS B.V.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	1	2	4	3	12
Patents By Year of Application:	1	0	0	0	1	0	2	1	3	0	3	1	0	0	0	12
DANA CORPORATION																
Patents By Year of Grant:	9	2	0	0	0	0	0	0	1	0	0	0	0	0	0	12
Patents By Year of Application:	11	0	0	0	0	1	0	0	0	0	0	0	0	0	0	12
HOFFMANN-LA ROCHE INC.																
Patents By Year of Grant:	10	0	1	0	0	0	0	0	0	0	0	0	0	0	1	12
Patents By Year of Application:	11	0	0	0	0	0	0	0	0	0	0	0	0	1	0	12
KONICA CORPORATION																
Patents By Year of Grant:	6	2	1	0	1	0	0	0	1	0	1	0	0	0	0	12
Patents By Year of Application:	10	0	0	0	1	1	0	0	0	0	0	0	0	0	0	12
SAMSUNG SDI CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	2	4	5	12
Patents By Year of Application:	1	0	0	0	0	0	1	0	1	0	0	0	8	1	0	12
SHELL OIL COMPANY																
Patents By Year of Grant:	10	0	1	0	0	0	0	0	0	0	0	1	0	0	0	12
Patents By Year of Application:	11	0	0	0	1	0	0	0	0	0	0	0	0	0	0	12
TELEFONAKTIEBOLAGET LM ERICSSON																
Patents By Year of Grant:	1	2	0	2	3	0	0	0	0	0	1	3	0	0	0	12
Patents By Year of Application:	7	2	0	0	1	0	1	1	0	0	0	0	0	0	0	12

---- Ranked List of Organizations with 5 or More Patents ----

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---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
CHEVRON RESEARCH & TECHNOLOGY CO.																
Patents By Year of Grant:	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Patents By Year of Application:	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	3	0	1	4	0	9
Patents By Year of Application:	0	0	0	1	1	1	1	3	0	0	1	1	0	0	0	9
HITACHI METALS LTD.																
Patents By Year of Grant:	4	0	0	0	1	2	0	0	0	0	2	0	0	0	0	9
Patents By Year of Application:	5	0	0	2	0	1	1	0	0	0	0	0	0	0	0	9
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	0	1	1	0	0	0	1	0	1	0	3	2	0	9
Patents By Year of Application:	0	1	1	1	0	0	0	0	1	1	2	1	1	0	0	9
HUSKY INJECTION MOLDING SYSTEMS LIMITED																
Patents By Year of Grant:	3	0	0	0	1	0	1	0	2	0	0	0	0	1	1	9
Patents By Year of Application:	3	0	1	1	0	2	0	0	0	0	1	0	0	1	0	9
HYNIX SEMICONDUCTOR INC.																
Patents By Year of Grant:	0	0	0	0	0	1	0	0	0	0	2	0	1	3	2	9
Patents By Year of Application:	1	0	0	1	1	0	1	0	0	1	2	0	1	0	1	9
INTERNATIONAL RECTIFIER CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	1	5	1	0	9
Patents By Year of Application:	0	0	0	0	0	1	1	3	1	1	0	2	0	0	0	9
NORDSON CORPORATION																
Patents By Year of Grant:	6	0	0	0	0	0	1	0	1	0	0	0	0	1	0	9
Patents By Year of Application:	6	0	0	1	0	1	0	0	0	1	0	0	0	0	0	9
PIONEER CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	1	1	0	1	1	1	0	0	3	1	9
Patents By Year of Application:	0	1	0	1	0	0	0	3	1	1	1	1	0	0	0	9
PITNEY-BOWES, INC.																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	1	1	0	0	0	0	9
Patents By Year of Application:	7	0	0	0	1	0	1	0	0	0	0	0	0	0	0	9
RENESAS ELECTRONICS CORP.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	4	1	4	9
Patents By Year of Application:	0	0	1	1	1	0	0	3	0	0	1	0	2	0	0	9

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ROHM AND HAAS COMPANY																
Patents By Year of Grant:	8	1	0	0	0	0	0	0	0	0	0	0	0	0	0	9
Patents By Year of Application:	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
SECRETARY OF STATE FOR DEFENCE IN HER BRITANNIC MAJESTY'S GOVERNMENT OF THE UNITED KINGDOM																
Patents By Year of Grant:	6	0	0	1	1	0	0	0	0	0	0	0	0	0	1	9
Patents By Year of Application:	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
SONY DEUTSCHLAND GMBH																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	2	0	2	5	9
Patents By Year of Application:	0	0	0	0	0	0	0	4	2	0	0	2	0	1	0	9
SUMITOMO ELECTRIC INDUSTRIES, LTD.																
Patents By Year of Grant:	2	0	0	0	1	1	0	1	0	1	0	1	1	1	0	9
Patents By Year of Application:	3	0	1	1	1	1	0	1	0	0	1	0	0	0	0	9
TRANSPACIFIC SYSTEMS, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	7	2	9
Patents By Year of Application:	0	0	0	0	0	0	0	6	1	1	0	1	0	0	0	9
AIR PRODUCTS AND CHEMICALS, INC.																
Patents By Year of Grant:	5	0	0	0	0	1	0	0	0	1	0	0	0	1	0	8
Patents By Year of Application:	5	0	0	0	1	1	0	0	0	0	0	1	0	0	0	8
AJINOMOTO COMPANY INCORPORATED																
Patents By Year of Grant:	2	0	0	1	0	1	0	2	0	0	0	0	1	1	0	8
Patents By Year of Application:	2	1	2	0	1	0	0	0	0	0	0	2	0	0	0	8
BRUNSWICK CORPORATION																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	1	0	0	0	0	0	0	8
Patents By Year of Application:	7	0	0	0	0	0	1	0	0	0	0	0	0	0	0	8
BTG INTERNATIONAL LIMITED																
Patents By Year of Grant:	0	2	0	0	2	0	1	1	1	0	0	1	0	0	0	8
Patents By Year of Application:	3	1	0	0	2	1	1	0	0	0	0	0	0	0	0	8
CAPELLA PHOTONICS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	3	2	0	0	0	3	0	8
Patents By Year of Application:	0	0	0	0	0	0	5	0	0	0	0	0	3	0	0	8
EMERSON CLIMATE TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	4	1	2	1	0	8
Patents By Year of Application:	0	0	0	0	1	3	2	1	0	0	0	1	0	0	0	8

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
FLEXIWORLD TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	5	2	1	8
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	7	0	1	0	0	8
GIST-BROCADES N.V.																
Patents By Year of Grant:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
GOODYEAR TIRE + RUBBER COMPANY																
Patents By Year of Grant:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
JOHNS HOPKINS UNIVERSITY																
Patents By Year of Grant:	0	1	2	0	0	1	0	1	0	0	1	1	0	0	1	8
Patents By Year of Application:	3	1	1	1	0	1	0	0	0	0	1	0	0	0	0	8
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBELCO CORP.)																
Patents By Year of Grant:	3	1	0	0	1	1	0	0	1	0	0	0	1	0	0	8
Patents By Year of Application:	4	0	1	0	3	0	0	0	0	0	0	0	0	0	0	8
MEAD CORPORATION																
Patents By Year of Grant:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
Patents By Year of Application:	8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	8
MOSAID TECHNOLOGIES INC.																
Patents By Year of Grant:	0	0	0	1	1	0	0	0	0	0	3	0	1	1	1	8
Patents By Year of Application:	2	0	1	1	1	0	0	0	0	1	0	1	1	0	0	8
NCR CORPORATION																
Patents By Year of Grant:	2	0	0	0	0	0	1	0	0	0	1	0	3	1	0	8
Patents By Year of Application:	2	0	0	3	1	1	0	1	0	0	0	0	0	0	0	8
NIPPONDENSO CO., LTD.																
Patents By Year of Grant:	6	1	0	0	0	0	1	0	0	0	0	0	0	0	0	8
Patents By Year of Application:	7	0	0	0	1	0	0	0	0	0	0	0	0	0	0	8
NORTEL NETWORKS LIMITED																
Patents By Year of Grant:	0	0	0	1	0	0	1	0	0	1	2	2	1	0	0	8
Patents By Year of Application:	1	1	0	1	1	1	0	1	2	0	0	0	0	0	0	8
PALM, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	1	2	2	0	8
Patents By Year of Application:	0	0	0	0	0	0	0	4	4	0	0	0	0	0	0	8

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---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
CITIZEN WATCH CO., LTD.																
Patents By Year of Grant:	6	0	0	0	0	0	1	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	7
EXXON PRODUCTION RESEARCH COMPANY																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
FMC CORPORATION																
Patents By Year of Grant:	5	0	0	0	0	1	1	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	7
FUJIFILM CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	0	3	0	3	7
Patents By Year of Application:	0	0	0	0	1	0	2	1	0	0	2	1	0	0	0	7
GENERAL INSTRUMENT CORPORATION																
Patents By Year of Grant:	4	0	0	0	1	0	2	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	4	2	0	1	0	0	0	0	0	0	0	0	0	0	0	7
HALLIBURTON CO.																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
HOBART CORPORATION																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
HOYA CORPORATION																
Patents By Year of Grant:	1	0	0	2	0	0	1	0	0	0	2	0	0	1	0	7
Patents By Year of Application:	1	2	0	1	0	0	2	0	0	0	1	0	0	0	0	7
HUGHES AIRCRAFT COMPANY																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
IDEMITSU KOSAN COMPANY LIMITED																
Patents By Year of Grant:	3	0	1	1	0	0	0	0	1	0	0	0	0	0	1	7
Patents By Year of Application:	4	1	1	0	0	0	0	1	0	0	0	0	0	0	0	7
KYOCERA CORPORATION																
Patents By Year of Grant:	2	0	0	0	0	0	0	0	1	0	0	0	2	0	2	7
Patents By Year of Application:	2	0	0	0	1	1	0	0	1	1	1	0	0	0	0	7

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
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:	3	1	1	1	0	1	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	6	0	0	0	1	0	0	0	0	0	0	0	0	0	0	7
LOCKHEED MARTIN CORPORATION																
Patents By Year of Grant:	0	1	0	1	0	0	1	0	0	1	1	0	2	0	0	7
Patents By Year of Application:	1	1	1	2	0	0	0	1	0	0	1	0	0	0	0	7
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V																
Patents By Year of Grant:	4	0	0	1	0	1	0	0	1	0	0	0	0	0	0	7
Patents By Year of Application:	5	0	2	0	0	0	0	0	0	0	0	0	0	0	0	7
MITSUI CHEMICALS, INCORPORATED																
Patents By Year of Grant:	0	3	0	0	1	0	0	0	1	0	1	0	0	1	0	7
Patents By Year of Application:	3	0	1	1	0	0	1	1	0	0	0	0	0	0	0	7
MULTI-FORMAT, INC.																
Patents By Year of Grant:	0	0	0	1	0	1	0	0	0	0	0	0	1	4	0	7
Patents By Year of Application:	2	0	0	1	0	0	4	0	0	0	0	0	0	0	0	7
OWENS-ILLINOIS INC.																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
PENN STATE RESEARCH FOUNDATION, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	2	0	0	0	3	1	0	7
Patents By Year of Application:	1	0	0	2	0	0	0	0	0	3	1	0	0	0	0	7
SCHERING AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	1	2	1	0	0	0	2	0	1	0	0	0	7
Patents By Year of Application:	1	0	3	0	1	1	0	0	1	0	0	0	0	0	0	7
SMITHKLINE BEECHAM CORPORATION																
Patents By Year of Grant:	0	0	0	1	0	0	0	0	1	3	1	1	0	0	0	7
Patents By Year of Application:	1	1	0	0	1	0	2	1	0	1	0	0	0	0	0	7
STAUFFER CHEMICAL COMPANY																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7
TDK CORPORATION																
Patents By Year of Grant:	2	0	0	0	0	0	1	0	0	0	1	2	1	0	0	7
Patents By Year of Application:	4	0	0	0	0	0	0	0	3	0	0	0	0	0	0	7

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---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
B. F. GOODRICH CO.																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
BALL CORPORATION																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
BENDIX CORPORATION (NOW ALLIED-SIGNAL INC.)																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
CALIFORNIA INSTITUTE OF TECHNOLOGY																
Patents By Year of Grant:	1	0	0	0	1	0	1	0	0	0	0	0	0	2	1	6
Patents By Year of Application:	1	1	0	0	1	1	0	0	0	0	0	2	0	0	0	6
CASCHEM, INC.																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
CHAMBERLAIN GROUP, INC.																
Patents By Year of Grant:	1	0	1	0	1	1	0	0	0	0	1	0	1	0	0	6
Patents By Year of Application:	2	0	3	0	0	0	0	0	1	0	0	0	0	0	0	6
CPC INTERNATIONAL INC.																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
CUMMINS ENGINE CO., INC.																
Patents By Year of Grant:	3	1	0	1	1	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	4	0	2	0	0	0	0	0	0	0	0	0	0	0	0	6
DAEWOO ELECTRONICS COMPANY, LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	2	0	4	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	2	0	4	0	0	6
DAICEL CHEMICAL INDUSTRIES LTD.																
Patents By Year of Grant:	3	0	0	0	0	0	2	0	0	1	0	0	0	0	0	6
Patents By Year of Application:	5	0	0	0	1	0	0	0	0	0	0	0	0	0	0	6
EMERSON ELECTRIC CO.																
Patents By Year of Grant:	4	0	1	0	0	0	0	0	0	0	0	0	0	0	1	6
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	6

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ENTEGRIS, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	0	0	1	0	1	0	1	2	0	6
Patents By Year of Application:	2	0	0	1	1	2	0	0	0	0	0	0	0	0	0	6
FAUST COMMUNICATIONS, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	0	0	0	1	3	6
Patents By Year of Application:	0	0	0	0	0	0	0	4	1	0	0	0	1	0	0	6
FORD MOTOR COMPANY																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
G. D. SEARLE & CO.																
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	0	0	0	1	2	6
Patents By Year of Application:	3	0	0	0	0	0	0	0	0	2	0	0	0	1	0	6
GENERAL HOSPITAL CORPORATION																
Patents By Year of Grant:	1	0	0	0	1	0	0	0	0	0	0	1	1	0	2	6
Patents By Year of Application:	2	0	0	0	0	1	1	0	0	0	1	0	1	0	0	6
GENERAL SIGNAL CORPORATION																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
HAMAMATSU PHOTONICS KABUSHIKI KAISHA																
Patents By Year of Grant:	1	0	0	0	0	1	0	0	0	1	1	0	0	2	0	6
Patents By Year of Application:	1	0	0	1	1	1	1	0	0	1	0	0	0	0	0	6
HARRIS CORP.																
Patents By Year of Grant:	3	1	0	0	0	0	0	0	0	0	2	0	0	0	0	6
Patents By Year of Application:	4	0	0	0	0	1	0	1	0	0	0	0	0	0	0	6
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN (HENKEL KGAA)																
Patents By Year of Grant:	2	1	1	0	0	0	0	0	1	0	1	0	0	0	0	6
Patents By Year of Application:	4	0	0	0	0	1	1	0	0	0	0	0	0	0	0	6
HERCULES INCORPORATED																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
HILL-ROM SERVICES, INC.																
Patents By Year of Grant:	0	0	0	0	0	1	1	0	0	0	0	1	0	0	3	6
Patents By Year of Application:	0	0	2	0	1	0	0	0	1	0	0	2	0	0	0	6

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
HITACHI CABLE, LTD.																
Patents By Year of Grant:	3	1	0	1	0	0	0	0	0	0	0	0	0	0	1	6
Patents By Year of Application:	4	1	0	0	0	0	0	0	0	0	0	0	0	1	0	6
HITACHI PLASMA PATENT LICENSING CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3	6
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	0	0	2	3	0	0	6
IMMERSION CORPORATION																
Patents By Year of Grant:	0	1	0	0	1	0	0	0	0	1	1	1	0	1	0	6
Patents By Year of Application:	2	2	0	1	0	0	1	0	0	0	0	0	0	0	0	6
J. M. HUBER CORPORATION																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
JOHNS-MANVILLE CORPORATION																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
KENNAMETAL INC.																
Patents By Year of Grant:	4	0	0	1	0	1	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	4	1	0	1	0	0	0	0	0	0	0	0	0	0	0	6
LINEAR TECHNOLOGY CORPORATION																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	1	0	0	1	0	0	0	6
Patents By Year of Application:	5	0	0	0	0	0	0	0	1	0	0	0	0	0	0	6
LITTON SYSTEMS INC.																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
MASIMO CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	2	0	0	0	0	0	2	0	2	6
Patents By Year of Application:	0	0	0	0	2	0	0	0	2	0	0	1	1	0	0	6
MEDIATEK INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	4	0	2	6
Patents By Year of Application:	0	0	0	0	0	0	0	1	2	2	0	0	1	0	0	6
MEDTRONIC NAVIGATION, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	2	0	2	2	6
Patents By Year of Application:	0	1	1	0	1	0	0	0	2	0	0	1	0	0	0	6

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---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2012)

Ranked List of Organizations with 5 or More Patents ----

[illegible]

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
ATLANTIC RICHFIELD COMPANY																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
AUTOMOTIVE PRODUCTS PLC																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
BASELL POLYOLEFINE GMBH																
Patents By Year of Grant:	0	0	0	0	1	0	0	0	1	2	1	0	0	0	0	5
Patents By Year of Application:	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	5
BAYER CROPSCIENCE KK																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5
Patents By Year of Application:	1	0	0	0	4	0	0	0	0	0	0	0	0	0	0	5
BOEHRINGER MANNHEIM G.M.B.H.																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
CARDIAC PACEMAKERS, INC.																
Patents By Year of Grant:	1	0	0	0	0	0	1	0	0	0	0	1	0	2	0	5
Patents By Year of Application:	1	0	0	1	0	0	1	0	0	2	0	0	0	0	0	5
CARL ZEISS SMT AG																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	2	2	0	5
Patents By Year of Application:	0	0	0	2	0	0	1	1	0	1	0	0	0	0	0	5
CHURCH + DWIGHT CO., INC.																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
CINCINNATI MILACRON INC.																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
COCA-COLA COMPANY																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
CREE, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	0	1	0	3	0	0	5

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
DELPHI TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	0	0	1	1	0	0	1	2	0	0	0	0	0	5
Patents By Year of Application:	0	1	0	1	0	0	2	1	0	0	0	0	0	0	0	5
DISCOVISION ASSOCIATES																
Patents By Year of Grant:	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
E-Z-EM, INC.																
Patents By Year of Grant:	3	0	0	0	0	0	0	2	0	0	0	0	0	0	0	5
Patents By Year of Application:	3	0	0	2	0	0	0	0	0	0	0	0	0	0	0	5
ECOLAB INC.																
Patents By Year of Grant:	2	0	0	0	0	1	0	0	0	0	1	0	1	0	0	5
Patents By Year of Application:	2	0	0	1	0	1	0	0	1	0	0	0	0	0	0	5
ETHYL CORPORATION																
Patents By Year of Grant:	4	0	0	1	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	5
F. POSZAT HU, L.L.C.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	5
Patents By Year of Application:	0	0	0	2	1	0	0	0	0	1	1	0	0	0	0	5
FORD GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	0	2	0	1	1	0	0	0	0	0	0	0	0	1	5
Patents By Year of Application:	3	0	0	1	0	0	0	0	0	1	0	0	0	0	0	5
FUJI XEROX CO., LTD.																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	0	0	1	0	1	1	1	5
Patents By Year of Application:	1	0	1	0	0	0	1	0	0	1	1	0	0	0	0	5
H. LUNDBECK A/S																
Patents By Year of Grant:	2	1	0	0	0	0	0	0	0	0	0	0	0	1	1	5
Patents By Year of Application:	3	0	0	0	0	0	0	0	0	1	0	0	1	0	0	5
HEIDELBERGER DRUCKMASCHINEN AG																
Patents By Year of Grant:	0	3	0	0	0	0	0	0	0	0	1	0	0	1	0	5
Patents By Year of Application:	3	0	0	0	0	0	1	0	1	0	0	0	0	0	0	5
HITACHI DISPLAYS, LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	4	1	0	5
Patents By Year of Application:	0	0	0	1	0	0	0	2	0	2	0	0	0	0	0	5

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN																
Patents By Year of Grant:	2	0	0	0	0	0	0	1	0	0	0	0	0	2	0	5
Patents By Year of Application:	2	0	0	0	1	0	0	0	0	0	0	1	0	1	0	5
INTERNATIONAL FLAVORS + FRAGRANCES INC																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
LAITRAM CORPORATION																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
LAM RESEARCH CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	1	0	0	1	1	0	0	1	0	1	5
Patents By Year of Application:	0	0	0	1	1	2	0	1	0	0	0	0	0	0	0	5
LEVER BROTHERS COMPANY, DIVISION OF CONOPCO, INC.																
Patents By Year of Grant:	3	0	1	0	1	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	5
LEVITON MANUFACTURING CO. INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	2	2	5
Patents By Year of Application:	0	0	0	0	0	0	0	1	0	0	0	1	3	0	0	5
LG DISPLAY CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	1	1	2	5
Patents By Year of Application:	0	0	0	0	0	1	1	1	0	1	0	1	0	0	0	5
LUBRIZOL CORPORATION																
Patents By Year of Grant:	4	0	1	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
MATSUSHITA ELECTRIC WORKS, LTD.																
Patents By Year of Grant:	3	0	0	0	0	0	0	1	0	1	0	0	0	0	0	5
Patents By Year of Application:	4	0	0	0	1	0	0	0	0	0	0	0	0	0	0	5
MEDCO HEALTH SOLUTIONS, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	0	0	3	0	5
Patents By Year of Application:	0	0	2	0	0	0	0	0	0	0	1	2	0	0	0	5
MEDRAD, INC.																
Patents By Year of Grant:	0	0	1	1	1	0	0	0	0	0	0	0	0	2	0	5
Patents By Year of Application:	1	0	2	0	0	0	0	0	0	0	2	0	0	0	0	5

[illegible]

Ranked List of Organizations with 5 or More Patents ----

[illegible]

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2012) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
TORRINGTON COMPANY																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
TOYODA GOSEI KABUSHIKI KAISHA																
Patents By Year of Grant:	1	0	1	0	0	1	0	0	0	1	0	0	1	0	0	5
Patents By Year of Application:	2	0	1	0	1	0	0	0	1	0	0	0	0	0	0	5
UNIROYAL, INC.																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
UNITED STATES OF AMERICA, ARMY																
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	0	1	1	0	0	5
Patents By Year of Application:	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	0	0	0	0	1	0	5
Patents By Year of Application:	4	0	0	0	0	0	0	1	0	0	0	0	0	0	0	5
UNITED STATES SURGICAL CORPORATION																
Patents By Year of Grant:	1	0	2	0	0	0	0	1	0	0	1	0	0	0	0	5
Patents By Year of Application:	2	1	0	1	0	0	0	1	0	0	0	0	0	0	0	5
UNIVERSITY OF MINNESOTA, THE REGENTS OF																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
UNIVERSITY OF SOUTHERN CALIFORNIA																
Patents By Year of Grant:	1	0	0	0	1	0	0	1	0	0	0	0	0	2	0	5
Patents By Year of Application:	2	0	0	1	0	0	0	1	0	1	0	0	0	0	0	5
VIDEO ENHANCEMENT SOLUTIONS LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	5
VSL PHARMACEUTICALS INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	2	1	0	1	0	0	5
Patents By Year of Application:	2	0	0	0	0	0	0	1	2	0	0	0	0	0	0	5
WARSAW ORTHOPEDIC, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	3	1	5
Patents By Year of Application:	0	0	0	2	0	0	0	1	0	0	2	0	0	0	0	5

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	Pre 1999	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	TOTAL
WHITAKER CORPORATION																
Patents By Year of Grant:	2	0	0	0	1	0	0	0	1	0	0	1	0	0	0	5
Patents By Year of Application:	2	0	2	0	1	0	0	0	0	0	0	0	0	0	0	5
XILINX, INC.																
Patents By Year of Grant:	3	0	0	1	0	0	0	0	0	0	1	0	0	0	0	5
Patents By Year of Application:	3	0	1	1	0	0	0	0	0	0	0	0	0	0	0	5
Other Organizations (5369)																
Patents By Year of Grant:	3305	216	262	251	214	207	143	117	265	265	318	200	377	511	417	7068
Patents By Year of Application:	4166	270	324	267	275	266	265	251	219	205	192	165	116	78	9	7068