

REISSUE PATENTS

JANUARY 1, 1977 -- DECEMBER 31, 2015



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A PATENT TECHNOLOGY MONITORING TEAM REPORT

Reissue Patents Report

1/1/1977 - 12/31/2015

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, 2015**. 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 applications were filed ("Patents Granted By Date of Patent Application"). Parts A1 and A2 each provide patent counts (pages A1-1 and A2-1) and percent distributions (pages A1-2 and A2-2). Patent data, as shown in the "**Pre 2002**" column, correspond to the period **1977** through **2001**.

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 by the year in which the patented application was filed ("Patents by Year of Application").

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

Since the average time period between the filing for a utility patent and its final disposition (e.g., issued as a patent or abandoned) is now about **26** months (i.e., the patent's "pendency"), the patented application data for applications filed in the most recent years are incomplete.* This is because the patents included in this report are limited to those **granted** during the specified time period. However, a significant number of the applications filed during the most recent years of this time period were still pending at the end of the reporting period. While many of these applications eventually will be patented, they will not be patented until sometime following the end of the reporting period. 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 U.S. Patent and Trademark Office (USPTO) workload which varies between technologies, budget and manpower levels, patent printing schedules, etc.

Patented application data are of significant value since the date an application was filed more accurately reflects when the technology was developed. Additionally, fluctuations in data based on application date are much more likely to reflect changes in technological activity since, for the most part, such fluctuations would be immune from many of the changes in USPTO processing such as those that occurred in years such as in 1986 and 2005 when the USPTO issued fewer patents than would have normally been expected due to administrative reasons.

"Patents Granted By Date of Patent Application", as shown in the "**Pre 2002**" column, correspond to patents granted during the reporting period but filed prior to **2002**.

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

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

Part B is a ranked listing of national and international organizations (i.e., corporations, universities, government agencies) that have received **5** or more U.S. 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 applications were filed. Patent ownership information 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 2015**, patent grant data, as distributed by year of application, are approximately 97% complete for utility patent applications filed in 2007, 97% complete for filings in 2008, 91% complete for filings in 2009, 86% complete for filings in 2010, 83% complete for filings in 2011, 69% complete for filings in 2012, 43% complete for filings in 2013, and 16% complete for filings in 2014; data are essentially complete for applications filed prior to 2007. About 90% of all patent documents granted (i.e., utility, design, plant, and reissue patents, statutory invention registrations, and defensive publications) are utility patents. 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, 2015) ----

	NUMBER OF PATENTS															
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Total	8272	460	421	298	245	519	508	647	453	947	1029	822	798	626	512	16557
U.S. Origin	5537	262	222	159	136	295	280	333	236	463	557	401	393	302	278	9854
Foreign Origin	2735	198	199	139	109	224	228	314	217	484	472	421	405	324	234	6703
JAPAN	1169	87	98	67	55	115	106	143	90	204	181	153	121	96	83	2768
GERMANY	392	23	21	12	10	13	20	19	19	40	27	33	26	32	22	709
KOREA, SOUTH	24	11	2	5	6	12	12	22	19	68	75	70	95	60	38	519
UNITED KINGDOM	276	18	8	8	4	10	12	19	9	24	19	27	16	24	16	490
CANADA	142	11	16	8	3	16	12	17	12	21	31	18	20	25	10	362
FRANCE	166	10	18	12	7	7	8	12	8	16	19	8	9	5	7	312
TAIWAN	18	5	8	1	4	5	8	17	15	47	38	24	23	14	7	234
ITALY	97	5	6	3	1	3	9	9	4	8	9	10	7	2	5	178
SWEDEN	72	7	2	1	1	4	10	10	10	10	11	6	5	2	4	155
NETHERLANDS	81	3	4	3	3	5		3	2	4	5	12	16	11	3	155
SWITZERLAND	76	2		3		5	3	5	4	4	3	7	6	4	4	126
ISRAEL	27	4	2	1	5	5	9	8	3	4	12	6	9	6	1	102
AUSTRALIA	38	3	2			7	5	6	3	4	3	3	7	6	2	89
FINLAND	12	1	2	1		2	1	2	1	7	7	14	11	11	9	81
DENMARK	31		2	2	1	3	3	1	1	2	6	5		2	2	61
AUSTRIA	21	2	4	1	1		1	4		1	3		10	5	2	55
BELGIUM	17	3	3			1	1	3	4	2	1	4	2	2	1	44
SPAIN	6			3	2	2	2	4	2	2	3	2	3	1	1	33
CHINA, PEOPLE'S REPUB				1				1	2		6	3	7	8	4	32
NORWAY	16			1	1	1				3	1	1	2		1	27
NEW ZEALAND	12					1	2		1	2	3		1			22
CHINA, HONG KONG S.A.	4		1	1	2			1	1	2	3			1	3	20
SINGAPORE	1				2	2	2	2	1	3		1	1	4		19
RUSSIAN FEDERATION	3			1			1	1	1	1		1	1		1	11
INDIA						1		1		1	1	4	2		1	11
SOUTH AFRICA	5	1							1	1		1		1		10
MEXICO	2			1								1	1	1		6
HUNGARY	2											1	1		1	5
LUXEMBOURG	2	1				1				1						5
INDONESIA	4															4
THAILAND	1						1		2							4
ARGENTINA	2					1		1								4
UKRAINE					1						1			1	1	4
TURKEY												1	1		2	4
IRELAND	2								1							3
BRAZIL	3															3
Others (24)	11	1		3		2		3	1	2	4	4	2		3	36
Ownership:																
U.S. Corporations	4525	211	198	136	114	254	242	297	203	367	528	411	358	298	263	8405
U.S. Government	28			1	1	2	1	4	2	3	2	5	5			54
U.S. Individuals	1143	58	32	24	25	38	45	41	37	94	69	36	37	26	30	1735
Foreign Corporations	2298	179	179	130	99	212	211	294	186	420	409	364	383	288	209	5861
Foreign Government	23	1	1				2				1	1	1			30
Foreign Individuals	255	11	11	7	6	13	7	15	23	64	19	8	14	9	10	472

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2015) ----

	PERCENT OF PATENTS															
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	67	57	53	53	56	57	55	51	52	49	54	49	49	48	54	60
Foreign Origin	33	43	47	47	44	43	45	49	48	51	46	51	51	52	46	40
JAPAN	14	19	23	22	22	22	21	22	20	22	18	19	15	15	16	17
GERMANY	5	5	5	4	4	3	4	3	4	4	3	4	3	5	4	4
KOREA, SOUTH		2		2	2	2	2	3	4	7	7	9	12	10	7	3
UNITED KINGDOM	3	4	2	3	2	2	2	3	2	3	2	3	2	4	3	3
CANADA	2	2	4	3	1	3	2	3	3	2	3	2	3	4	2	2
FRANCE	2	2	4	4	3	1	2	2	2	2	2	1	1	1	1	2
TAIWAN		1	2		2	1	2	3	3	5	4	3	3	2	1	1
ITALY	1	1	1	1		1	2	1	1	1	1	1	1	1	1	1
SWEDEN	1	2				1	2	2	2	1	1	1	1		1	1
NETHERLANDS	1	1	1	1	1	1						1	2	2	1	1
SWITZERLAND	1			1		1	1	1	1			1	1	1	1	1
ISRAEL		1			2	1	2	1	1		1	1	1	1		1
AUSTRALIA		1				1	1	1	1				1	1		1
FINLAND										1	1	2	1	2	2	0
DENMARK				1		1	1				1	1				0
AUSTRIA			1					1					1	1		0
BELGIUM		1	1						1							0
SPAIN				1	1			1								0
CHINA, PEOPLE'S REPUB											1		1	1	1	0
NORWAY																0
NEW ZEALAND																0
CHINA, HONG KONG S.A.					1										1	0
SINGAPORE					1									1		0
RUSSIAN FEDERATION																0
INDIA																0
SOUTH AFRICA																0
MEXICO																0
HUNGARY																0
LUXEMBOURG																0
INDONESIA																0
THAILAND																0
ARGENTINA																0
UKRAINE																0
TURKEY																0
IRELAND																0
BRAZIL																0
Others (24)				1											1	0
Ownership:																
U.S. Corporations	55	46	47	46	47	49	48	46	45	39	51	50	45	48	51	51
U.S. Government									1				1	1		0
U.S. Individuals	14	13	8	8	10	7	9	6	8	10	7	4	5	4	6	10
Foreign Corporations	28	39	43	44	40	41	42	45	41	44	40	44	48	46	41	35
Foreign Government																0
Foreign Individuals	3	2	3	2	2	3	1	2	5	7	2	1	2	1	2	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, 2015) ----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Total	10395	578	541	548	576	576	523	470	417	445	462	505	400	120	1	16557
U.S. Origin	6597	307	320	292	308	304	291	255	225	210	241	254	188	61	1	9854
Foreign Origin	3798	271	221	256	268	272	232	215	192	235	221	251	212	59		6703
JAPAN	1644	141	113	108	93	98	80	83	83	99	61	72	70	23		2768
GERMANY	495	19	20	21	18	11	10	21	16	13	24	20	16	5		709
KOREA, SOUTH	69	15	10	30	33	24	54	37	25	67	51	52	40	12		519
UNITED KINGDOM	352	23	11	10	9	15	8	8	9	9	7	11	15	3		490
CANADA	195	15	9	14	14	14	21	15	12	9	15	16	13			362
FRANCE	236	10	7	10	11	11	3	2	8	3	4	3	4			312
TAIWAN	36	8	8	13	44	39	26	12	11	8	5	15	7	2		234
ITALY	123	3	6	3	6	14	3	2	1	5	3	4	4	1		178
SWEDEN	108	2	1	4	3	16	4	4	1	5	3	1	2	1		155
NETHERLANDS	101	4	5	6	1	1		8	2		7	13	6	1		155
SWITZERLAND	88	5	4	4	5	1	3	2	1	1	5	3	3	1		126
ISRAEL	51	7	4	4	6	5	2	5	3	2	7	4	1	1		102
AUSTRALIA	55	3	2	5	4	2	2		4	1	6	3	1	1		89
FINLAND	28		3	2	5	4	5	3	3	2	7	9	8	2		81
DENMARK	41	2	2	3	1	3	2		2	1			3	1		61
AUSTRIA	30	3		2	1	1	2	1	2	2	3	7	1			55
BELGIUM	31		2	2	1	1				1	3		3			44
SPAIN	14	3	3	5				2	1	1	1	1	1	1		33
CHINA, PEOPLE'S REPUB	1		1	1	2	2		2	1	2	3	11	5	1		32
NORWAY	18	2	2	1				2		1			1			27
NEW ZEALAND	16		1	2	2		1									22
CHINA, HONG KONG S.A.	7	1	1	2		1			2	1	1	2		2		20
SINGAPORE	8			1	1	1	2		1	1		2	2			19
RUSSIAN FEDERATION	5		1		2	1		1					1			11
INDIA	2		1		1		1	4		1			1			11
SOUTH AFRICA	6		1						1		2					10
MEXICO	2		1				2					1				6
HUNGARY	2	1			1				1							5
LUXEMBOURG	3		1					1								5
INDONESIA	4															4
THAILAND	1					3										4
ARGENTINA	3	1														4
UKRAINE	1			1							1		1			4
TURKEY				1					1				2			4
IRELAND	2				1											3
BRAZIL	3															3
Others (24)	17	3	1	1	3	4	1		1		2	1	1	1		36
Ownership:																
U.S. Corporations	5470	252	276	275	268	265	247	248	224	181	230	243	170	55	1	8405
U.S. Government	34	1	1	3	1	3	3				1	3	4			54
U.S. Individuals	1303	52	43	32	54	56	49	35	17	22	20	21	20	11		1735
Foreign Corporations	3247	254	215	229	218	221	204	178	171	238	207	228	198	53		5861
Foreign Government	28	2														30
Foreign Individuals	313	17	6	9	35	31	20	9	5	4	4	10	8	1		472

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2015) ----

	PERCENT OF PATENTED APPLICATIONS															
	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	63	53	59	53	53	53	56	54	54	47	52	50	47	51	100	60
Foreign Origin	37	47	41	47	47	47	44	46	46	53	48	50	53	49		40
JAPAN	16	24	21	20	16	17	15	18	20	22	13	14	18	19		17
GERMANY	5	3	4	4	3	2	2	4	4	3	5	4	4	4		4
KOREA, SOUTH	1	3	2	5	6	4	10	8	6	15	11	10	10	10		3
UNITED KINGDOM	3	4	2	2	2	3	2	2	2	2	2	2	4	3		3
CANADA	2	3	2	3	2	2	4	3	3	2	3	3	3			2
FRANCE	2	2	1	2	2	2	1		2	1	1	1	1			2
TAIWAN		1	1	2	8	7	5	3	3	2	1	3	2	2		1
ITALY	1	1	1	1	1	2	1		1	1	1	1	1	1		1
SWEDEN	1			1	1	3	1	1		1	1		1	1		1
NETHERLANDS	1	1	1	1				2			2	3	2	1		1
SWITZERLAND	1	1	1	1	1		1				1	1	1	1		1
ISRAEL		1	1	1	1	1		1	1		2	1			1	1
AUSTRALIA	1	1		1	1				1	1	1	1			1	1
FINLAND			1		1	1	1	1	1		2	2	2	2		0
DENMARK				1		1								1	1	0
AUSTRIA		1									1	1				0
BELGIUM											1		1			0
SPAIN		1	1	1											1	0
CHINA, PEOPLE'S REPUB											1	2	1	1		0
NORWAY																0
NEW ZEALAND																0
CHINA, HONG KONG S.A.															2	0
SINGAPORE													1			0
RUSSIAN FEDERATION																0
INDIA								1								0
SOUTH AFRICA																0
MEXICO																0
HUNGARY																0
LUXEMBOURG																0
INDONESIA																0
THAILAND						1										0
ARGENTINA																0
UKRAINE																0
TURKEY													1			0
IRELAND																0
BRAZIL																0
Others (24)		1			1	1								2		0
Ownership:																
U.S. Corporations	53	44	51	50	47	46	47	53	54	41	50	48	43	46	100	51
U.S. Government				1		1	1					1	1			0
U.S. Individuals	13	9	8	6	9	10	9	7	4	5	4	4	5	9		10
Foreign Corporations	31	44	40	42	38	38	39	38	41	53	45	45	50	44		35
Foreign Government																0
Foreign Individuals	3	3	1	2	6	5	4	2	1	1	1	2	2	1		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, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
LG ELECTRONICS INC.																	
Patents By Year of Grant:	7	0	0	0	2	3	4	6	4	43	50	33	41	21	11	225	
Patents By Year of Application:	11	0	5	9	19	17	45	23	14	28	20	12	14	8	0	225	
SONY CORPORATION																	
Patents By Year of Grant:	38	4	5	7	3	1	5	10	6	19	12	15	21	19	17	182	
Patents By Year of Application:	67	6	1	13	6	6	4	18	9	8	14	16	13	1	0	182	
HITACHI, LTD																	
Patents By Year of Grant:	108	6	8	4	1	8	11	6	4	5	8	4	2	0	0	175	
Patents By Year of Application:	134	11	3	5	5	4	3	1	3	3	2	1	0	0	0	175	
SAMSUNG ELECTRONICS CO., LTD.																	
Patents By Year of Grant:	9	9	0	5	3	7	7	6	14	19	12	17	14	21	13	156	
Patents By Year of Application:	44	8	3	13	10	7	7	4	5	8	17	10	19	1	0	156	
TOSHIBA CORPORATION																	
Patents By Year of Grant:	36	4	2	1	2	4	2	6	6	15	24	17	23	3	6	151	
Patents By Year of Application:	50	5	4	5	4	13	3	11	20	22	5	3	3	3	0	151	
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																	
Patents By Year of Grant:	41	5	4	9	12	26	23	25	1	0	1	0	0	0	0	147	
Patents By Year of Application:	103	10	26	7	1	0	0	0	0	0	0	0	0	0	0	147	
CANON KABUSHIKI KAISHA																	
Patents By Year of Grant:	37	2	2	1	4	2	2	7	2	3	10	4	7	15	5	103	
Patents By Year of Application:	54	2	2	1	3	3	3	4	2	4	9	7	9	0	0	103	
GENERAL ELECTRIC COMPANY																	
Patents By Year of Grant:	76	1	0	1	0	3	2	2	2	4	2	0	2	0	4	99	
Patents By Year of Application:	79	1	5	1	2	4	2	0	0	0	1	1	3	0	0	99	
SEIKO EPSON CORPORATION																	
Patents By Year of Grant:	17	6	10	2	2	5	5	8	3	8	9	9	7	4	4	99	
Patents By Year of Application:	45	7	3	1	6	2	7	4	4	6	7	3	4	0	0	99	
Panasonic Corporation																	
Patents By Year of Grant:	0	0	0	0	0	0	0	2	27	33	10	12	5	6	0	95	
Patents By Year of Application:	22	6	7	8	9	9	11	7	5	3	4	3	1	0	0	95	
MITSUBISHI DENKI KABUSHIKI KAISHA																	
Patents By Year of Grant:	47	2	2	2	2	2	1	5	2	5	2	3	3	3	0	81	
Patents By Year of Application:	58	2	3	2	3	3	3	2	0	4	0	0	1	0	0	81	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	52	2	5	1	1	2	1	2	1	1	1	0	1	2	0	72
Patents By Year of Application:	61	1	3	2	1	0	0	0	3	0	0	0	1	0	0	72
Apple, Inc.																
Patents By Year of Grant:	3	0	1	5	2	2	4	3	7	5	7	7	8	2	9	65
Patents By Year of Application:	17	8	7	4	2	7	1	2	4	3	4	2	4	0	0	65
RICOH COMPANY, LTD.																
Patents By Year of Grant:	23	3	3	1	1	1	6	5	3	6	5	5	0	1	1	64
Patents By Year of Application:	37	3	8	3	3	2	2	1	2	1	0	0	2	0	0	64
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	30	3	3	0	3	6	3	4	5	2	0	1	0	1	2	63
Patents By Year of Application:	47	6	3	1	0	1	1	0	0	0	4	0	0	0	0	63
AT&T CORP.																
Patents By Year of Grant:	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
Patents By Year of Application:	60	0	0	0	0	0	0	0	0	0	0	0	0	0	0	60
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	46	1	2	1	0	1	2	0	0	3	1	1	0	0	0	58
Patents By Year of Application:	52	0	0	1	1	1	1	0	2	0	0	0	0	0	0	58
FUJITSU LIMITED																
Patents By Year of Grant:	27	3	3	1	2	1	2	6	1	1	5	3	1	1	0	57
Patents By Year of Application:	42	1	3	1	1	5	0	0	0	4	0	0	0	0	0	57
MINNESOTA MINING AND MANUFACTURING COMPANY																
Patents By Year of Grant:	55	0	1	0	0	0	0	0	0	0	0	0	0	0	0	56
Patents By Year of Application:	56	0	0	0	0	0	0	0	0	0	0	0	0	0	0	56
E. I. DU PONT DE NEMOURS AND COMPANY																
Patents By Year of Grant:	47	1	1	0	0	1	0	2	0	0	0	0	0	3	0	55
Patents By Year of Application:	48	2	0	1	1	0	0	0	0	0	0	2	1	0	0	55
NIKON CORPORATION																
Patents By Year of Grant:	24	4	5	5	1	3	2	1	0	2	0	0	0	0	0	47
Patents By Year of Application:	44	0	0	2	0	0	1	0	0	0	0	0	0	0	0	47
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	11	2	1	0	1	1	1	0	1	1	1	9	11	5	2	47
Patents By Year of Application:	17	1	1	0	0	1	2	2	3	7	8	1	3	1	0	47

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
ELI LILLY AND COMPANY																
Patents By Year of Grant:	19	2	1	0	0	5	0	1	1	1	1	1	0	0	0	32
Patents By Year of Application:	25	1	3	0	1	0	0	0	0	1	1	0	0	0	0	32
Intersil Americals LLC																
Patents By Year of Grant:	0	0	0	0	2	0	0	1	1	1	9	6	4	4	4	32
Patents By Year of Application:	0	1	1	0	2	2	1	5	3	5	5	4	1	2	0	32
TEXAS INSTRUMENTS, INCORPORATED																
Patents By Year of Grant:	22	0	1	0	0	0	1	0	0	1	3	1	1	2	0	32
Patents By Year of Application:	23	0	1	1	1	1	1	0	2	0	1	0	1	0	0	32
3M INNOVATIVE PROPERTIES COMPANY																
Patents By Year of Grant:	5	2	5	0	2	1	2	3	3	1	3	1	1	1	1	31
Patents By Year of Application:	16	3	1	3	1	1	3	0	0	0	1	1	0	1	0	31
ADC TELECOMMUNICATIONS, INC.																
Patents By Year of Grant:	1	1	1	0	0	0	1	3	5	5	3	2	3	4	2	31
Patents By Year of Application:	7	0	1	1	4	1	3	4	3	1	2	3	1	0	0	31
EATON CORPORATION																
Patents By Year of Grant:	28	1	0	1	0	0	1	0	0	0	0	0	0	0	0	31
Patents By Year of Application:	30	0	1	0	0	0	0	0	0	0	0	0	0	0	0	31
Intellectual Ventures I LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	15	8	2	2	30
Patents By Year of Application:	6	0	0	0	2	4	1	2	7	1	2	2	3	0	0	30
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:	29	0	0	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
L'OREAL S.A.																
Patents By Year of Grant:	5	2	10	3	3	1	1	1	0	1	1	0	0	1	0	29
Patents By Year of Application:	26	0	1	1	1	0	0	0	0	0	0	0	0	0	0	29
SIEMENS AKTIENGESELLSCHAFT																
Patents By Year of Grant:	13	2	5	2	0	1	0	0	1	0	0	3	2	0	0	29
Patents By Year of Application:	22	3	1	2	0	0	0	0	0	0	1	0	0	0	0	29

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
DOW CHEMICAL COMPANY																	
Patents By Year of Grant:	28	0	0	0	0	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	0	28
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																	
Patents By Year of Grant:	7	1	1	0	0	1	1	3	3	3	4	2	0	2	0	0	28
Patents By Year of Application:	11	0	1	1	0	8	0	1	3	1	2	0	0	0	0	0	28
STMICROELECTRONICS S.R.L.																	
Patents By Year of Grant:	8	2	3	3	0	0	0	1	0	3	1	1	2	1	2	0	27
Patents By Year of Application:	16	1	4	0	0	0	0	0	0	2	0	1	3	0	0	0	27
OLYMPUS OPTICAL CO., LTD.																	
Patents By Year of Grant:	16	2	2	1	2	0	2	1	0	0	0	0	0	0	0	0	26
Patents By Year of Application:	21	2	3	0	0	0	0	0	0	0	0	0	0	0	0	0	26
BASF SE																	
Patents By Year of Grant:	17	3	0	0	0	0	1	1	0	1	0	0	0	0	2	0	25
Patents By Year of Application:	20	0	1	0	2	0	0	0	0	0	0	1	1	1	0	0	25
BROTHER KOGYO KABUSHIKI KAISHA																	
Patents By Year of Grant:	9	0	0	0	1	2	0	1	2	1	3	5	0	1	0	0	25
Patents By Year of Application:	12	1	0	1	1	3	5	0	0	0	1	1	0	0	0	0	25
YAMAHA CORPORATION																	
Patents By Year of Grant:	12	2	2	2	0	0	1	2	0	2	0	1	1	0	0	0	25
Patents By Year of Application:	22	0	0	1	0	0	0	0	0	1	1	0	0	0	0	0	25
CORNING INCORPORATED																	
Patents By Year of Grant:	8	2	2	1	1	2	1	1	0	2	0	1	2	1	0	0	24
Patents By Year of Application:	15	2	1	0	0	1	2	0	1	1	0	1	0	0	0	0	24
PROCTER + GAMBLE COMPANY																	
Patents By Year of Grant:	13	0	1	0	0	0	1	1	1	1	2	1	0	1	2	0	24
Patents By Year of Application:	16	0	0	2	0	1	0	3	0	0	1	0	1	0	0	0	24
MOTOROLA, INC.																	
Patents By Year of Grant:	22	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
Patents By Year of Application:	23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	23
UNITED TECHNOLOGIES CORPORATION																	
Patents By Year of Grant:	18	0	1	0	0	0	1	0	0	0	0	1	1	0	1	0	23
Patents By Year of Application:	20	0	0	1	0	0	0	0	0	0	1	1	0	0	0	0	23

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																
Patents By Year of Grant:	13	1	0	0	1	1	0	2	0	0	1	1	1	0	1	22
Patents By Year of Application:	16	0	2	2	0	0	0	0	0	1	0	1	0	0	0	22
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	14	1	1	0	0	0	0	0	0	1	2	3	0	0	0	22
Patents By Year of Application:	16	0	0	0	0	0	1	0	1	2	1	1	0	0	0	22
STMICROELECTRONICS, INC.																
Patents By Year of Grant:	4	3	2	0	1	0	2	2	0	4	1	0	1	2	0	22
Patents By Year of Application:	17	1	0	0	1	0	0	0	0	1	1	0	1	0	0	22
ALLIED-SIGNAL INC.																
Patents By Year of Grant:	19	1	0	0	0	0	0	1	0	0	0	0	0	0	0	21
Patents By Year of Application:	20	0	1	0	0	0	0	0	0	0	0	0	0	0	0	21
PAPST LICENSING GMBH & CO. KG																
Patents By Year of Grant:	10	3	3	3	1	1	0	0	0	0	0	0	0	0	0	21
Patents By Year of Application:	21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	21
SANDVIK INTELLECTUAL PROPERTY AB																
Patents By Year of Grant:	0	0	0	0	0	0	5	7	4	4	0	0	0	1	0	21
Patents By Year of Application:	4	0	0	0	0	15	1	1	0	0	0	0	0	0	0	21
HALLIBURTON ENERGY SERVICES, INC.																
Patents By Year of Grant:	0	1	0	3	0	2	0	2	1	4	4	0	0	3	0	20
Patents By Year of Application:	8	0	1	1	2	1	3	0	1	3	0	0	0	0	0	20
KONINKLIJKE PHILIPS ELECTRONICS N.V.																
Patents By Year of Grant:	0	2	1	2	2	0	0	0	0	1	3	4	5	0	0	20
Patents By Year of Application:	5	3	2	2	2	0	2	1	1	1	0	1	0	0	0	20
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	12	3	0	1	1	1	0	1	0	1	0	0	0	0	0	20
Patents By Year of Application:	16	2	0	1	1	0	0	0	0	0	0	0	0	0	0	20
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	18	0	1	0	0	0	0	1	0	0	0	0	0	0	0	20
Patents By Year of Application:	20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	20
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.																
Patents By Year of Grant:	16	1	0	0	0	0	0	1	0	0	1	1	0	0	0	20
Patents By Year of Application:	17	0	0	1	0	0	0	1	0	1	0	0	0	0	0	20

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
BRISTOL-MYERS SQUIBB COMPANY																	
Patents By Year of Grant:		7	0	0	0	0	2	1	1	0	4	3	0	1	0	0	19
Patents By Year of Application:		7	0	0	1	3	1	0	0	4	1	2	0	0	0	0	19
EXXON RESEARCH + ENGINEERING CO.																	
Patents By Year of Grant:		17	2	0	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
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.																	
Patents By Year of Grant:		0	0	0	0	0	2	1	2	3	1	4	4	0	2	0	19
Patents By Year of Application:		6	2	0	2	1	3	0	1	0	2	0	1	1	0	0	19
MOBIL OIL CORP.																	
Patents By Year of Grant:		19	0	0	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	2	0	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
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																	
Patents By Year of Grant:		5	0	2	0	1	1	0	0	0	2	3	4	1	0	0	19
Patents By Year of Application:		10	0	1	2	0	1	0	0	4	0	0	1	0	0	0	19
SGS-THOMSON MICROELECTRONICS S.R.L.																	
Patents By Year of Grant:		19	0	0	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
BAKER HUGHES INCORPORATED																	
Patents By Year of Grant:		6	0	1	1	1	0	0	2	1	0	2	2	1	0	1	18
Patents By Year of Application:		8	1	0	3	0	0	0	1	0	2	2	0	1	0	0	18
BLACK & DECKER INC.																	
Patents By Year of Grant:		4	1	0	0	0	1	0	2	1	1	1	2	3	2	0	18
Patents By Year of Application:		5	1	1	0	3	0	0	1	1	1	1	4	0	0	0	18
CASIO COMPUTER CO. LTD.																	
Patents By Year of Grant:		6	0	1	0	0	1	0	0	1	2	2	4	1	0	0	18
Patents By Year of Application:		8	1	0	0	1	1	3	0	0	3	1	0	0	0	0	18
FORD GLOBAL TECHNOLOGIES, L.L.C.																	
Patents By Year of Grant:		2	1	1	0	0	0	1	5	1	3	2	2	0	0	0	18
Patents By Year of Application:		6	0	0	3	1	3	4	0	1	0	0	0	0	0	0	18

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
AMP INCORPORATED																	
Patents By Year of Grant:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
ASML NETHERLANDS B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	1	2	4	3	2	1	1	16
Patents By Year of Application:	1	1	0	2	1	3	0	3	1	0	1	1	1	2	0	0	16
DOW CORNING CORPORATION																	
Patents By Year of Grant:	15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
FUJI PHOTO FILM CO., LTD																	
Patents By Year of Grant:	13	0	2	0	0	1	0	0	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	15	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
INFINEON TECHNOLOGIES AG																	
Patents By Year of Grant:	0	1	2	0	0	2	1	3	0	4	1	1	1	0	0	1	16
Patents By Year of Application:	4	1	4	2	0	0	1	0	1	1	1	1	0	1	0	0	16
MARVELL INTERNATIONAL LTD.																	
Patents By Year of Grant:	1	3	0	1	0	1	0	0	1	2	3	1	0	1	1	2	16
Patents By Year of Application:	6	0	1	0	2	0	2	0	0	2	0	1	2	0	0	0	16
MEDTRONIC INC.																	
Patents By Year of Grant:	10	0	0	1	1	0	0	0	0	0	0	3	0	1	0	0	16
Patents By Year of Application:	13	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	16
NIPPON GAKKI SEIZO KABUSHIKI KAISHA																	
Patents By Year of Grant:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
SanDisk Technologies Inc.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	14	16
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	1	0	1	0	0	14	0	16
SCHLUMBERGER TECHNOLOGY CORPORATION																	
Patents By Year of Grant:	11	0	1	1	0	0	1	1	0	0	0	0	1	0	0	0	16
Patents By Year of Application:	14	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	16
TOKYO ELECTRON LIMITED																	
Patents By Year of Grant:	4	0	0	0	0	1	1	4	1	1	1	3	1	0	0	0	16
Patents By Year of Application:	10	0	2	0	0	1	1	0	0	0	1	1	0	0	0	0	16

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
UNITED STATES OF AMERICA, NAVY																
Patents By Year of Grant:	7	0	0	0	0	2	0	0	1	0	2	1	2	1	0	16
Patents By Year of Application:	7	0	0	3	0	1	3	0	0	0	1	0	1	0	0	16
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
Patents By Year of Application:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
ABBOTT LABORATORIES																
Patents By Year of Grant:	8	0	0	0	0	2	2	0	0	1	0	0	1	0	1	15
Patents By Year of Application:	8	1	1	3	0	0	0	1	0	0	0	0	1	0	0	15
ALTERA CORPORATION																
Patents By Year of Grant:	2	0	0	2	0	0	0	3	3	4	1	0	0	0	0	15
Patents By Year of Application:	5	0	1	5	0	1	0	1	2	0	0	0	0	0	0	15
DENSO CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	0	1	2	1	3	4	2	1	0	0	15
Patents By Year of Application:	1	5	0	1	1	1	2	0	2	1	1	0	0	0	0	15
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
Patents By Year of Application:	15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15
MOLEX INCORPORATED																
Patents By Year of Grant:	11	0	0	0	1	0	0	0	0	1	0	2	0	0	0	15
Patents By Year of Application:	11	1	0	0	0	1	0	0	0	2	0	0	0	0	0	15
SHIMANO INC.																
Patents By Year of Grant:	2	0	1	0	0	2	3	0	1	2	2	2	0	0	0	15
Patents By Year of Application:	3	2	1	5	1	1	0	2	0	0	0	0	0	0	0	15
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL.)																
Patents By Year of Grant:	5	3	0	0	0	0	0	1	3	0	0	0	1	0	2	15
Patents By Year of Application:	9	1	0	1	1	0	0	0	0	1	0	0	1	1	0	15
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	9	3	0	0	0	0	1	0	0	0	1	0	0	0	0	14
Patents By Year of Application:	12	0	0	0	1	1	0	0	0	0	0	0	0	0	0	14
HOFFMANN-LA ROCHE INC.																
Patents By Year of Grant:	11	0	0	0	0	0	0	0	0	0	0	1	2	0	0	14
Patents By Year of Application:	11	0	0	0	0	0	0	0	0	0	1	2	0	0	0	14

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
KONICA CORPORATION																
Patents By Year of Grant:	9	1	0	0	0	1	0	1	0	0	0	0	1	0	0	13
Patents By Year of Application:	10	1	1	0	0	0	0	1	0	0	0	0	0	0	0	13
MICROSOFT CORPORATION																
Patents By Year of Grant:	1	0	3	0	1	2	1	0	1	0	0	1	0	3	0	13
Patents By Year of Application:	7	0	1	1	0	0	0	1	0	0	1	2	0	0	0	13
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	4	2	0	0	1	1	1	1	0	1	2	0	0	0	0	13
Patents By Year of Application:	8	2	0	1	1	0	0	1	0	0	0	0	0	0	0	13
SGS-THOMSON MICROELECTRONICS S.A.																
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
SHELL OIL COMPANY																
Patents By Year of Grant:	11	0	0	0	0	0	0	0	1	0	0	0	1	0	0	13
Patents By Year of Application:	11	1	0	0	0	0	1	0	0	0	0	0	0	0	0	13
THOMSON LICENSING S.A.																
Patents By Year of Grant:	0	0	0	0	0	0	2	1	1	2	2	0	4	1	0	13
Patents By Year of Application:	2	3	1	2	2	0	0	0	1	0	0	1	1	0	0	13
ASAHI GLASS COMPANY, LTD.																
Patents By Year of Grant:	6	1	1	1	0	0	0	0	0	3	0	0	0	0	0	12
Patents By Year of Application:	9	0	0	0	0	0	1	2	0	0	0	0	0	0	0	12
DANA CORPORATION																
Patents By Year of Grant:	11	0	0	0	0	1	0	0	0	0	0	0	0	0	0	12
Patents By Year of Application:	11	0	1	0	0	0	0	0	0	0	0	0	0	0	0	12
HYNIX SEMICONDUCTOR INC.																
Patents By Year of Grant:	0	0	1	0	0	0	0	2	0	1	3	2	3	0	0	12
Patents By Year of Application:	2	1	0	1	0	0	1	2	0	1	0	4	0	0	0	12
MOSAID TECHNOLOGIES INC.																
Patents By Year of Grant:	1	1	0	0	0	0	0	3	0	1	1	1	2	2	0	12
Patents By Year of Application:	4	1	0	0	0	0	1	0	1	2	1	1	1	0	0	12
RAMBUS, INC.																
Patents By Year of Grant:	4	0	0	1	0	1	1	0	0	0	3	1	1	0	0	12
Patents By Year of Application:	7	0	0	0	1	1	0	0	1	2	0	0	0	0	0	12

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
NIPPON STEEL CORP.																	
Patents By Year of Grant:		6	0	0	0	0	0	0	1	1	0	2	0	0	0	0	10
Patents By Year of Application:		10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
NORDSON CORPORATION																	
Patents By Year of Grant:		6	0	0	1	0	1	0	0	0	0	1	0	0	0	1	10
Patents By Year of Application:		7	0	1	0	0	0	1	0	0	0	0	0	0	1	0	10
OLYMPUS CORPORATION																	
Patents By Year of Grant:		0	0	0	0	0	0	1	2	1	4	2	0	0	0	0	10
Patents By Year of Application:		1	2	1	2	0	1	2	0	1	0	0	0	0	0	0	10
OTIS ENGINEERING CORPORATION																	
Patents By Year of Grant:		10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
Patents By Year of Application:		10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10
PFIZER INC.																	
Patents By Year of Grant:		3	0	0	1	0	2	1	0	2	1	0	0	0	0	0	10
Patents By Year of Application:		3	1	1	1	1	0	1	1	1	0	0	0	0	0	0	10
RENESAS TECHNOLOGY CORPORATION																	
Patents By Year of Grant:		0	0	0	1	0	0	4	1	0	4	0	0	0	0	0	10
Patents By Year of Application:		5	2	0	0	2	1	0	0	0	0	0	0	0	0	0	10
RESEARCH IN MOTION LIMITED																	
Patents By Year of Grant:		0	0	0	0	0	0	0	1	0	1	3	3	2	0	0	10
Patents By Year of Application:		1	0	1	1	1	0	0	0	2	2	2	0	0	0	0	10
STANFORD UNIVERSITY																	
Patents By Year of Grant:		6	0	1	1	0	0	0	1	0	0	0	1	0	0	0	10
Patents By Year of Application:		6	3	0	0	0	0	0	1	0	0	0	0	0	0	0	10
STATS CHIPPAK LTD.																	
Patents By Year of Grant:		0	0	0	0	0	0	0	0	0	0	0	0	9	1	0	10
Patents By Year of Application:		0	0	0	0	0	0	0	0	0	0	0	4	6	0	0	10
SUMITOMO ELECTRIC INDUSTRIES, LTD.																	
Patents By Year of Grant:		2	1	1	0	1	0	1	0	1	1	1	0	1	0	0	10
Patents By Year of Application:		5	1	1	0	2	0	0	1	0	0	0	0	0	0	0	10
THE AEROSPACE CORPORATION																	
Patents By Year of Grant:		0	0	0	0	0	0	1	0	2	2	2	3	0	0	0	10
Patents By Year of Application:		0	0	0	0	1	1	5	2	0	1	0	0	0	0	0	10

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
HUSKY INJECTION MOLDING SYSTEMS LIMITED																	
Patents By Year of Grant:		3	1	0	1	0	2	0	0	0	0	1	1	0	0	0	9
Patents By Year of Application:		5	0	2	0	0	0	0	1	0	0	1	0	0	0	0	9
INTERNATIONAL RECTIFIER CORPORATION																	
Patents By Year of Grant:		0	0	0	0	0	0	0	2	1	5	1	0	0	0	0	9
Patents By Year of Application:		0	0	1	1	3	1	1	0	2	0	0	0	0	0	0	9
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)																	
Patents By Year of Grant:		4	1	1	0	0	1	0	0	0	1	0	0	1	0	0	9
Patents By Year of Application:		5	3	0	0	0	0	0	0	0	0	0	1	0	0	0	9
KYOCERA CORPORATION																	
Patents By Year of Grant:		2	0	0	0	0	1	0	0	0	2	0	2	1	1	0	9
Patents By Year of Application:		2	1	1	0	0	1	1	1	1	0	0	1	0	0	0	9
NOVATEK MICROELECTRONICS CORP.																	
Patents By Year of Grant:		0	0	0	0	0	0	0	3	0	1	0	0	1	2	2	9
Patents By Year of Application:		0	0	0	0	1	2	0	1	0	1	0	1	2	1	0	9
PALM, INC.																	
Patents By Year of Grant:		0	0	0	0	0	0	0	3	1	2	2	0	0	1	0	9
Patents By Year of Application:		0	0	0	0	4	4	0	1	0	0	0	0	0	0	0	9
PIONEER CORPORATION																	
Patents By Year of Grant:		0	0	1	1	0	1	1	1	0	0	3	1	0	0	0	9
Patents By Year of Application:		2	0	0	0	3	1	1	1	1	0	0	0	0	0	0	9
PITNEY-BOWES, INC.																	
Patents By Year of Grant:		7	0	0	0	0	0	1	1	0	0	0	0	0	0	0	9
Patents By Year of Application:		7	1	0	1	0	0	0	0	0	0	0	0	0	0	0	9
ROHM AND HAAS COMPANY																	
Patents By Year of Grant:		9	0	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:		7	1	0	0	0	0	0	0	0	0	0	1	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
TRANSPACIFIC SYSTEMS, LLC																	
Patents By Year of Grant:		0	0	0	0	0	0	0	0	0	0	7	2	0	0	0	9
Patents By Year of Application:		0	0	0	0	6	1	1	0	1	0	0	0	0	0	0	9

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
NATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	1	0	0	0	1	0	2	0	1	0	0	0	2	0	0	7
Patents By Year of Application:	3	1	0	0	1	0	0	0	0	0	2	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	1	2	0	0	0	3	1	0	0	0	0	7
Patents By Year of Application:	3	0	0	0	0	0	3	1	0	0	0	0	0	0	0	7
SCHERING AKTIENGESELLSCHAFT																
Patents By Year of Grant:	1	2	1	0	0	0	2	0	1	0	0	0	0	0	0	7
Patents By Year of Application:	4	1	1	0	0	1	0	0	0	0	0	0	0	0	0	7
SMA Solar Technology AG.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	3	2	1	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	4	3	0	0	0	7
SMITH INTERNATIONAL INC.																
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	0	0	0	0	0	1	7
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	0	0	0	1	0	7
SMITHKLINE BEECHAM CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	1	3	1	1	0	0	0	0	0	0	7
Patents By Year of Application:	2	1	0	2	1	0	1	0	0	0	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
SUMITOMO CHEMICAL COMPANY, LIMITED																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	1	0	0	0	1	0	0	7
Patents By Year of Application:	5	0	1	0	0	0	0	0	0	0	0	1	0	0	0	7
TDK CORPORATION																
Patents By Year of Grant:	2	0	0	1	0	0	0	1	2	1	0	0	0	0	0	7
Patents By Year of Application:	4	0	0	0	0	3	0	0	0	0	0	0	0	0	0	7
Tian Holdings LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	3	2	2	0	0	7
Patents By Year of Application:	0	0	0	0	0	0	1	4	2	0	0	0	0	0	0	7

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
DAEWOO ELECTRONICS COMPANY, LTD.																	
Patents By Year of Grant:		0	0	0	0	0	0	0	0	0	2	0	4	0	0	0	6
Patents By Year of Application:		0	0	0	0	0	0	0	2	0	4	0	0	0	0	0	6
DAICEL CHEMICAL INDUSTRIES LTD.																	
Patents By Year of Grant:		3	0	0	2	0	0	1	0	0	0	0	0	0	0	0	6
Patents By Year of Application:		5	1	0	0	0	0	0	0	0	0	0	0	0	0	0	6
EMERSON ELECTRIC CO.																	
Patents By Year of Grant:		5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	6
Patents By Year of Application:		5	0	0	0	0	0	1	0	0	0	0	0	0	0	0	6
Faust Communications, LLC																	
Patents By Year of Grant:		0	0	0	0	0	0	2	0	0	0	1	3	0	0	0	6
Patents By Year of Application:		0	0	0	0	4	1	0	0	0	1	0	0	0	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
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
HARRIS CORP.																	
Patents By Year of Grant:		4	0	0	0	0	0	0	2	0	0	0	0	0	0	0	6
Patents By Year of Application:		4	0	1	0	1	0	0	0	0	0	0	0	0	0	0	6
HEIDELBERGER DRUCKMASCHINEN AG																	
Patents By Year of Grant:		3	0	0	0	0	0	0	1	0	0	1	0	0	1	0	6
Patents By Year of Application:		3	0	0	1	0	1	0	0	0	0	0	1	0	0	0	6
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN (HENKEL KGAA)																	
Patents By Year of Grant:		4	0	0	0	0	1	0	1	0	0	0	0	0	0	0	6
Patents By Year of Application:		4	0	1	1	0	0	0	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	1	1	0	0	0	0	1	0	0	3	0	0	0	6
Patents By Year of Application:		2	1	0	0	0	1	0	0	2	0	0	0	0	0	0	6

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
SCHERING CORP.																
Patents By Year of Grant:	2	1	0	0	0	1	0	0	0	0	1	1	0	0	0	6
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	1	0	0	0	0	6
SGS-THOMSON MICROELECTRONICS, 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
SHIMANO INDUSTRIAL COMPANY, LIMITED																
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
SHIN ETSU CHEMICAL CO., LTD.																
Patents By Year of Grant:	4	0	0	0	0	0	0	1	0	1	0	0	0	0	0	6
Patents By Year of Application:	4	1	0	0	1	0	0	0	0	0	0	0	0	0	0	6
SINGER 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
Stirling Mouldings Limited																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	1	1	1	1	1	6
Patents By Year of Application:	4	0	0	0	0	0	0	0	0	0	0	1	1	0	0	6
SYMBOL TECHNOLOGIES, INC.																
Patents By Year of Grant:	1	0	0	0	0	0	1	2	0	1	0	1	0	0	0	6
Patents By Year of Application:	2	0	1	1	0	2	0	0	0	0	0	0	0	0	0	6
TAYLOR MADE GOLF COMPANY, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	1	1	1	1	0	1	0	6
Patents By Year of Application:	0	0	1	0	0	0	3	0	0	0	2	0	0	0	0	6
TORO COMPANY																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	6
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	6
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	0	1	0	1	0	0	6
Patents By Year of Application:	4	0	0	0	1	0	0	0	0	0	0	1	0	0	0	6
UNIVERSITY OF MINNESOTA, THE REGENTS OF																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	0	0	0	1	0	6
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	0	0	0	1	0	0	6

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
NEGOTIATED DATA SOLUTIONS LLC																
Patents By Year of Grant:	0	0	0	0	1	4	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
NGK INSULATORS LTD.																
Patents By Year of Grant:	2	0	0	0	0	0	0	3	0	0	0	0	0	0	0	5
Patents By Year of Application:	2	0	0	1	2	0	0	0	0	0	0	0	0	0	0	5
NGK SPARK PLUG CO., LTD.																
Patents By Year of Grant:	2	0	0	1	0	0	0	0	0	1	0	1	0	0	0	5
Patents By Year of Application:	3	0	0	0	0	1	0	1	0	0	0	0	0	0	0	5
NICHIA CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	1	0	1	1	1	5
Patents By Year of Application:	1	0	0	0	0	0	0	0	0	2	0	2	0	0	0	5
NIDEX CO., LTD.																
Patents By Year of Grant:	1	0	0	1	0	0	0	0	0	0	0	0	1	1	1	5
Patents By Year of Application:	2	0	0	0	0	0	0	0	0	0	1	1	1	0	0	5
NIPPON SEIKO KABUSHIKI KAISHA																
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
NIPPON THOMPSON CO., LTD.																
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
NISSAN CHEMICAL INDUSTRIES, LTD.																
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
NORTH AMERICAN PHILIPS CORPORATION																
Patents By Year of Grant:	4	1	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
NORTHERN TELECOM LIMITED																
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
NOVARTIS AG (FORMERLY SANDOZ LTD.)																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	1	1	0	1	1	0	5
Patents By Year of Application:	1	0	1	0	0	0	1	0	0	0	1	0	1	0	0	5

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre	2002	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
TELEFLEX INCORPORATED																	
Patents By Year of Grant:		4	0	0	0	0	1	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
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:		2	0	1	0	0	0	1	0	0	1	0	0	0	0	0	5
Patents By Year of Application:		3	1	0	0	0	1	0	0	0	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	1	1	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 SURGICAL CORPORATION																	
Patents By Year of Grant:		3	0	0	0	1	0	0	1	0	0	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
Video Enhancement Solutions LLC																	
Patents By Year of Grant:		0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
Patents By Year of Application:		0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	5
VSL PHARMACEUTICALS INC.																	
Patents By Year of Grant:		0	0	0	0	0	1	2	1	0	1	0	0	0	0	0	5
Patents By Year of Application:		2	0	0	0	1	2	0	0	0	0	0	0	0	0	0	5
WHITAKER CORPORATION																	
Patents By Year of Grant:		2	1	0	0	0	1	0	0	1	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
World Assets Consulting AG, LLC																	
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	0	0	0	0	0	0	0	4	1	0	0	0	5
WYETH																	
Patents By Year of Grant:		0	0	0	0	0	0	0	1	0	2	1	0	0	1	0	5
Patents By Year of Application:		1	0	0	0	1	1	1	0	0	0	0	0	1	0	0	5

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2015) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	TOTAL
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XILINX, INC.

Patents By Year of Grant:	4	0	0	0	0	0	0	1	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

Other Organizations (5908)

Patents By Year of Grant:	4004	212	205	142	116	260	263	307	191	353	489	392	377	304	260	7875
Patents By Year of Application:	4992	277	273	275	265	237	223	230	195	171	218	283	175	60	1	7875