

REISSUE PATENTS

JANUARY 1977 -- DECEMBER 2011



March 2012
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 - 12/2011

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, 2011**. 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 1998"** column correspond to the period **prior to 1998**.

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 **34** 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 1998"** column correspond to the period **prior to 1998**.

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 2011, patent grant data, as distributed by year of application are approximately 90% complete for utility patent applications filed in 2003, 82% complete for applications filed in 2004, 72% complete for applications filed in 2005, 61% complete for applications filed in 2006, 49% complete for applications filed in 2007, 34% complete for applications filed in 2008, and 17% complete for applications filed in 2009; data are essentially complete for applications filed prior to 2003. 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, 2011) -----

	NUMBER OF PATENTS															
	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
Total	6522	298	448	524	480	460	421	298	245	519	508	647	453	947	1029	13799
U.S. Origin	4471	195	274	331	266	262	222	159	136	295	280	333	236	463	557	8480
Foreign Origin	2051	103	174	193	214	198	199	139	109	224	228	314	217	484	472	5319
JAPAN	825	48	86	112	98	87	98	67	55	115	106	143	90	204	181	2315
GERMANY	321	15	20	13	23	23	21	12	10	13	20	19	19	40	27	596
UNITED KINGDOM	238	8	7	13	11	18	8	8	4	10	12	19	9	24	19	408
CANADA	106	7	8	10	11	11	16	8	3	16	12	17	12	21	31	289
FRANCE	123	7	14	7	15	10	18	12	7	7	8	12	8	16	19	283
KOREA, SOUTH	5		6	7	6	11	2	5	6	12	12	22	19	68	75	256
TAIWAN	9			4	5	5	8	1	4	5	8	17	15	47	38	166
ITALY	60	4	14	4	15	5	6	3	1	3	9	9	4	8	9	154
SWEDEN	60	2	4		6	7	2	1	1	4	10	10	10	10	11	138
NETHERLANDS	71	1	4	1	4	3	4	3	3	5		3	2	4	5	113
SWITZERLAND	66	1	1	4	4	2		3		5	3	5	4	4	3	105
ISRAEL	16	4	1	4	2	4	2	1	5	5	9	8	3	4	12	80
AUSTRALIA	30	2	1	1	4	3	2			7	5	6	3	4	3	71
DENMARK	21	2	4	2	2		2	2	1	3	3	1	1	2	6	52
AUSTRIA	14	2	1	2	2	2	4	1	1		1	4		1	3	38
FINLAND	10		1	1		1	2	1		2	1	2	1	7	7	36
BELGIUM	15			2		3	3			1	1	3	4	2	1	35
SPAIN	5			1				3	2	2	2	4	2	2	3	26
NORWAY	14		1		1			1	1	1				3	1	23
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	15
SINGAPORE					1				2	2	2	2	1	3		13
CHINA, PEOPLE'S REPUB								1				1	2		6	10
SOUTH AFRICA	4			1		1							1	1		8
RUSSIAN FEDERATION	2			1				1			1	1	1	1		8
LUXEMBOURG	2					1				1				1		5
INDONESIA	4															4
THAILAND	1										1		2			4
ARGENTINA	2									1		1				4
INDIA										1		1		1	1	4
BRAZIL	3															3
IRELAND	2												1			3
MEXICO	2							1								3
LIECHTENSTEIN	2															2
HUNGARY	2															2
GREECE	1									1						2
Others (19)	5		1	1		1		3	1	1		3	1	2	5	24
Ownership:																
U.S. Corporations	3649	163	214	265	234	211	198	136	114	254	242	297	203	367	528	7075
U.S. Government	19		1	5	3			1	1	2	1		4	2	3	42
U.S. Individuals	931	39	66	64	43	58	32	24	25	38	45	41	37	94	69	1606
Foreign Corporations	1687	93	158	180	180	179	179	130	99	212	211	294	186	420	409	4617
Foreign Government	21	1			1	1	1				2				1	28
Foreign Individuals	215	2	9	10	19	11	11	7	6	13	7	15	23	64	19	431

----- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2011) -----

	PERCENT OF PATENTS															
	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	69	65	61	63	55	57	53	53	56	57	55	51	52	49	54	61
Foreign Origin	31	35	39	37	45	43	47	47	44	43	45	49	48	51	46	39
JAPAN	13	16	19	21	20	19	23	22	22	22	21	22	20	22	18	17
GERMANY	5	5	4	2	5	5	5	4	4	3	4	3	4	4	3	4
UNITED KINGDOM	4	3	2	2	2	4	2	3	2	2	2	3	2	3	2	3
CANADA	2	2	2	2	2	2	4	3	1	3	2	3	3	2	3	2
FRANCE	2	2	3	1	3	2	4	4	3	1	2	2	2	2	2	2
KOREA, SOUTH			1	1	1	2		2	2	2	2	3	4	7	7	2
TAIWAN				1	1	1	2		2	1	2	3	3	5	4	1
ITALY	1	1	3	1	3	1	1	1		1	2	1	1	1	1	1
SWEDEN	1	1	1		1	2				1	2	2	2	1	1	1
NETHERLANDS	1		1		1	1	1	1	1	1						1
SWITZERLAND	1			1	1			1			1	1	1			1
ISRAEL		1		1		1			2	1	2	1	1		1	1
AUSTRALIA		1			1	1				1	1	1	1			1
DENMARK		1	1					1		1	1				1	0
AUSTRIA		1					1					1				0
FINLAND														1	1	0
BELGIUM						1	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
LUXEMBOURG																0
INDONESIA																0
THAILAND																0
ARGENTINA																0
INDIA																0
BRAZIL																0
IRELAND																0
MEXICO																0
LIECHTENSTEIN																0
HUNGARY																0
GREECE																0
Others (19)								1								0
Ownership:																
U.S. Corporations	56	55	48	51	49	46	47	46	47	49	48	46	45	39	51	51
U.S. Government				1	1								1			0
U.S. Individuals	14	13	15	12	9	13	8	8	10	7	9	6	8	10	7	12
Foreign Corporations	26	31	35	34	38	39	43	44	40	41	42	45	41	44	40	33
Foreign Government																0
Foreign Individuals	3	1	2	2	4	2	3	2	2	3	1	2	5	7	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, 2011) -----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
Total	8027	491	547	643	583	536	494	479	497	460	390	299	216	128	9	13799
U.S. Origin	5327	275	301	330	323	288	294	260	265	246	220	160	125	62	4	8480
Foreign Origin	2700	216	246	313	260	248	200	219	232	214	170	139	91	66	5	5319
JAPAN	1124	102	125	151	128	137	107	97	81	76	62	60	34	30	1	2315
GERMANY	392	16	27	25	26	14	19	18	15	9	10	12	8	3	2	596
UNITED KINGDOM	284	15	14	19	11	18	8	7	6	10	4	6	4	2		408
CANADA	132	14	11	18	19	13	9	12	13	12	17	9	6	3	1	289
FRANCE	157	13	11	23	25	10	7	9	11	9	2	1	4	1		283
KOREA, SOUTH	26	11	10	14	7	14	10	26	28	16	39	28	15	12		256
TAIWAN	11	5	6	8	6	7	8	12	41	30	17	6	6	2	1	166
ITALY	95	5	11	8	3	3	4	1	6	13	1	1	1	2		154
SWEDEN	85	7	5	4	4	2		3	2	16	4	2	1	3		138
NETHERLANDS	86	2	4	4	3	3	3	4	1			3				113
SWITZERLAND	74	3	5	3	2	4	3	3	3	1	3		1			105
ISRAEL	28	3	1	10	6	7	4	4	5	4	2	4	1	1		80
AUSTRALIA	43	1	5	4	1	3	2	4	4	1	1		1	1		71
DENMARK	33	4	1		3	2	1	2	1	3	1		1			52
AUSTRIA	19	2	1	5	3	2		2	1		1			2		38
FINLAND	15	1	1	3	3		1	1	3	3	4		1			36
BELGIUM	21	2	1	3	3		2	1	1	1						35
SPAIN	6	2	4	1		3	3	4				2	1			26
NORWAY	15	2	1			1	1	1				1		1		23
NEW ZEALAND	13			3				2	2		1					21
CHINA,HONG KONG S.A.R	2	2	1	2		1	1	2		1			2	1		15
SINGAPORE	3	1		4				1	1	1	1		1			13
CHINA, PEOPLE'S REPUB					1		1	1	1	2		1	1	2		10
SOUTH AFRICA	5	1					1						1			8
RUSSIAN FEDERATION	3	1			1		1		1	1						8
LUXEMBOURG	2				1		1					1				5
INDONESIA	4															4
ARGENTINA	2				1	1										4
THAILAND	1									3						4
INDIA							1		1			2				4
MEXICO	2						1									3
IRELAND	2								1							3
BRAZIL	3															3
GREECE	1							1								2
CZECHOSLOVAKIA	2															2
LIECHTENSTEIN	2															2
Others (19)	7	1	1	1	3	3	1	1	3	2			1			24
Ownership:																
U.S. Corporations	4372	226	261	277	283	236	251	244	225	202	183	141	116	52	6	7075
U.S. Government	26	2	2	3		1	1	3	1	2	1					42
U.S. Individuals	1084	53	50	61	50	48	40	28	49	53	42	32	10	6		1606
Foreign Corporations	2276	194	214	283	237	234	196	196	188	173	146	120	87	70	3	4617
Foreign Government	24		1		1	2										28
Foreign Individuals	245	16	19	19	12	15	6	8	34	30	18	6	3			431

----- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2011) -----

	PERCENT OF PATENTED APPLICATIONS															
	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	66	56	55	51	55	54	60	54	53	53	56	54	58	48	44	61
Foreign Origin	34	44	45	49	45	46	40	46	47	47	44	46	42	52	56	39
JAPAN	14	21	23	23	22	26	22	20	16	17	16	20	16	23	11	17
GERMANY	5	3	5	4	4	3	4	4	3	2	3	4	4	2	22	4
UNITED KINGDOM	4	3	3	3	2	3	2	1	1	2	1	2	2	2		3
CANADA	2	3	2	3	3	2	2	3	3	3	4	3	3	2	11	2
FRANCE	2	3	2	4	4	2	1	2	2	2	1		2	1		2
KOREA, SOUTH		2	2	2	1	3	2	5	6	3	10	9	7	9		2
TAIWAN		1	1	1	1	1	2	3	8	7	4	2	3	2	11	1
ITALY	1	1	2	1	1	1	1		1	3				2		1
SWEDEN	1	1	1	1	1			1		3	1	1		2		1
NETHERLANDS	1		1	1	1	1	1	1				1				1
SWITZERLAND	1	1	1			1	1	1	1		1					1
ISRAEL		1		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
AUSTRIA				1	1									2		0
FINLAND					1				1	1	1					0
BELGIUM					1											0
SPAIN			1			1	1	1				1				0
NORWAY														1		0
NEW ZEALAND																0
CHINA,HONG KONG S.A.R													1	1		0
SINGAPORE				1												0
CHINA, PEOPLE'S REPUB														2		0
SOUTH AFRICA																0
RUSSIAN FEDERATION																0
LUXEMBOURG																0
INDONESIA																0
ARGENTINA																0
THAILAND										1						0
INDIA												1				0
MEXICO																0
IRELAND																0
BRAZIL																0
GREECE																0
CZECHOSLOVAKIA																0
LIECHTENSTEIN																0
Others (19)					1	1			1							0
Ownership:																
U.S. Corporations	54	46	48	43	49	44	51	51	45	44	47	47	54	41	67	51
U.S. Government								1								0
U.S. Individuals	14	11	9	9	9	9	8	6	10	12	11	11	5	5		12
Foreign Corporations	28	40	39	44	41	44	40	41	38	38	37	40	40	55	33	33
Foreign Government																0
Foreign Individuals	3	3	3	3	2	3	1	2	7	7	5	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, 2011) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL	
HITACHI, LTD																	
Patents By Year of Grant:	87	7	0	7	7	6	8	4	1	8	11	6	4	5	8	169	
Patents By Year of Application:	111	3	6	8	6	11	2	5	5	4	3	1	2	1	1	169	
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																	
Patents By Year of Grant:	19	2	4	7	9	5	4	9	12	26	23	25	1	0	1	147	
Patents By Year of Application:	36	8	10	29	20	10	26	7	1	0	0	0	0	0	0	147	
LG ELECTRONICS INC.																	
Patents By Year of Grant:	0	0	0	3	4	0	0	0	2	3	4	6	4	43	50	119	
Patents By Year of Application:	0	7	3	0	1	0	5	8	16	9	38	19	8	5	0	119	
SONY CORPORATION																	
Patents By Year of Grant:	22	2	1	7	6	4	5	7	3	1	5	10	6	19	12	110	
Patents By Year of Application:	37	3	8	13	5	5	1	12	5	3	3	13	1	1	0	110	
TOSHIBA CORPORATION																	
Patents By Year of Grant:	12	5	4	11	4	4	2	1	2	4	2	6	6	15	24	102	
Patents By Year of Application:	29	9	4	3	5	5	4	5	3	11	2	7	3	12	0	102	
GENERAL ELECTRIC COMPANY																	
Patents By Year of Grant:	71	1	2	2	0	1	0	1	0	3	2	2	2	4	2	93	
Patents By Year of Application:	74	2	0	3	0	1	5	1	2	3	2	0	0	0	0	93	
SAMSUNG ELECTRONICS CO., LTD.																	
Patents By Year of Grant:	3	0	4	2	0	9	0	5	3	7	7	6	14	19	12	91	
Patents By Year of Application:	18	2	5	12	7	7	3	11	8	7	1	3	5	2	0	91	
SEIKO EPSON CORPORATION																	
Patents By Year of Grant:	9	1	2	4	1	6	10	2	2	5	5	8	3	8	9	75	
Patents By Year of Application:	20	4	1	3	14	7	3	1	6	2	5	3	4	2	0	75	
CANON KABUSHIKI KAISHA																	
Patents By Year of Grant:	30	0	3	4	0	2	2	1	4	2	2	7	2	3	10	72	
Patents By Year of Application:	39	2	2	6	5	2	2	1	3	3	3	2	1	1	0	72	
MITSUBISHI DENKI KABUSHIKI KAISHA																	
Patents By Year of Grant:	30	1	7	9	0	2	2	2	2	2	1	5	2	5	2	72	
Patents By Year of Application:	46	6	1	2	3	2	3	1	2	3	1	2	0	0	0	72	
Panasonic Corporation																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	2	27	33	10	72	
Patents By Year of Application:	1	1	4	8	6	5	7	6	9	4	8	7	4	2	0	72	

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2011) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
INTERNATIONAL BUSINESS MACHINES CORPORATION																
Patents By Year of Grant:	36	0	6	5	5	2	5	1	1	2	1	2	1	1	1	69
Patents By Year of Application:	52	2	3	3	1	1	3	2	0	0	0	0	2	0	0	69
AT&T CORP.																
Patents By Year of Grant:	59	0	0	1	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
MICRON TECHNOLOGY, INC.																
Patents By Year of Grant:	3	8	8	8	3	3	3	0	3	6	3	4	5	2	0	59
Patents By Year of Application:	36	1	2	1	7	6	3	1	0	1	1	0	0	0	0	59
EASTMAN KODAK COMPANY																
Patents By Year of Grant:	40	5	0	1	0	1	2	1	0	1	2	0	0	3	1	57
Patents By Year of Application:	47	0	2	0	3	0	0	1	1	1	0	0	2	0	0	57
RICOH COMPANY, LTD.																
Patents By Year of Grant:	12	0	3	2	6	3	3	1	1	1	6	5	3	6	5	57
Patents By Year of Application:	21	3	7	3	3	3	8	3	1	2	1	1	1	0	0	57
MINNESOTA MINING AND MANUFACTURING COMPANY																
Patents By Year of Grant:	47	1	4	2	1	0	1	0	0	0	0	0	0	0	0	56
Patents By Year of Application:	54	1	1	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:	40	2	1	1	3	1	1	0	0	1	0	2	0	0	0	52
Patents By Year of Application:	43	2	2	1	0	2	0	1	1	0	0	0	0	0	0	52
FUJITSU LIMITED																
Patents By Year of Grant:	9	2	4	5	7	3	3	1	2	1	2	6	1	1	5	52
Patents By Year of Application:	24	1	10	3	3	1	2	1	1	5	0	0	0	1	0	52
NIKON CORPORATION																
Patents By Year of Grant:	10	3	2	4	5	4	5	5	1	3	2	1	0	2	0	47
Patents By Year of Application:	20	3	8	8	5	0	0	2	0	0	1	0	0	0	0	47
BAYER AKTIENGESELLSCHAFT																
Patents By Year of Grant:	34	1	1	2	2	1	0	1	0	1	1	0	0	0	0	44
Patents By Year of Application:	38	0	2	1	0	1	2	0	0	0	0	0	0	0	0	44
Apple, Inc.																
Patents By Year of Grant:	2	0	1	0	0	0	1	5	2	2	4	3	7	5	7	39
Patents By Year of Application:	3	1	1	1	8	7	6	2	2	5	1	0	1	1	0	39

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
CATERPILLAR INC.																
Patents By Year of Grant:	30	0	1	1	1	1	0	0	1	0	1	1	0	2	0	39
Patents By Year of Application:	32	1	1	0	1	1	0	0	0	1	0	2	0	0	0	39
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	6	1	0	1	1	3	1	1	2	4	1	2	1	5	7	36
Patents By Year of Application:	8	0	4	2	1	3	1	7	1	3	2	3	1	0	0	36
XEROX CORPORATION																
Patents By Year of Grant:	23	1	0	0	1	0	1	1	1	1	1	2	0	1	2	35
Patents By Year of Application:	24	0	1	0	3	3	0	1	0	0	1	0	1	1	0	35
NEC CORPORATION																
Patents By Year of Grant:	12	2	2	1	2	2	0	2	0	1	2	2	1	3	1	33
Patents By Year of Application:	16	1	3	2	1	2	3	2	2	1	0	0	0	0	0	33
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	30	0	1	0	1	1	0	0	0	0	0	0	0	0	0	33
Patents By Year of Application:	32	0	1	0	0	0	0	0	0	0	0	0	0	0	0	33
EATON CORPORATION																
Patents By Year of Grant:	24	1	0	2	1	1	0	1	0	0	1	0	0	0	0	31
Patents By Year of Application:	28	0	0	2	0	0	1	0	0	0	0	0	0	0	0	31
ELI LILLY AND COMPANY																
Patents By Year of Grant:	19	0	0	0	0	2	1	0	0	5	0	1	1	1	1	31
Patents By Year of Application:	19	0	3	2	1	1	3	0	1	0	0	0	0	1	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:	17	1	5	6	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
DOW CHEMICAL COMPANY																
Patents By Year of Grant:	27	0	0	0	1	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
INTEL CORPORATION																
Patents By Year of Grant:	1	0	2	1	1	0	1	3	1	4	4	2	3	5	0	28
Patents By Year of Application:	7	1	0	3	3	3	5	2	3	1	0	0	0	0	0	28

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(Granted: Jan 01, 1977 - Dec 31, 2011) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
PAPST LICENSING GMBH & CO. KG																
Patents By Year of Grant:	3	2	1	1	3	3	3	3	1	1	0	0	0	0	0	21
Patents By Year of Application:	14	1	6	0	0	0	0	0	0	0	0	0	0	0	0	21
Round Rock Research, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	8	13	21
Patents By Year of Application:	0	0	0	0	0	0	3	2	2	0	11	1	2	0	0	21
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	0	0	2	1	5	2	3	3	0	0	0	1	0	3	1	21
Patents By Year of Application:	9	0	5	1	1	1	3	0	0	0	0	0	0	1	0	21
ADC TELECOMMUNICATIONS, INC.																
Patents By Year of Grant:	1	0	0	0	0	1	1	0	0	0	1	3	5	5	3	20
Patents By Year of Application:	2	1	0	1	3	0	1	1	4	1	2	2	2	0	0	20
CORNING INCORPORATED																
Patents By Year of Grant:	7	0	0	1	0	2	2	1	1	2	1	1	0	2	0	20
Patents By Year of Application:	9	1	2	1	2	2	1	0	0	1	1	0	0	0	0	20
LUCENT TECHNOLOGIES INC.																
Patents By Year of Grant:	1	1	1	5	4	3	0	1	1	1	0	1	0	1	0	20
Patents By Year of Application:	9	2	3	1	1	2	0	1	1	0	0	0	0	0	0	20
MINOLTA CAMERA CO., LTD.																
Patents By Year of Grant:	17	0	1	0	0	0	1	0	0	0	0	1	0	0	0	20
Patents By Year of Application:	19	0	1	0	0	0	0	0	0	0	0	0	0	0	0	20
PROCTER + GAMBLE COMPANY																
Patents By Year of Grant:	10	0	1	2	0	0	1	0	0	0	1	1	1	1	2	20
Patents By Year of Application:	10	3	1	1	1	0	0	2	0	0	0	1	0	0	1	20
SANDVIK INTELLECTUAL PROPERTY AB																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	5	7	4	4	0	20
Patents By Year of Application:	4	0	0	0	0	0	0	0	0	15	1	0	0	0	0	20
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	8	0	0	0	3	2	1	0	1	1	1	0	1	1	1	20
Patents By Year of Application:	8	2	1	4	1	1	1	0	0	0	1	0	0	1	0	20
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	15	1	1	1	0	0	1	0	0	0	1	0	0	0	0	20
Patents By Year of Application:	16	1	2	0	0	0	0	1	0	0	0	0	0	0	0	20

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
ROBERT BOSCH GMBH																
Patents By Year of Grant:	13	0	1	0	0	0	1	0	0	0	0	1	0	0	0	16
Patents By Year of Application:	14	0	0	1	0	1	0	0	0	0	0	0	0	0	0	16
WESTINGHOUSE ELECTRIC CORP.																
Patents By Year of Grant:	15	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	16
ALTERA CORPORATION																
Patents By Year of Grant:	0	1	0	0	1	0	0	2	0	0	0	3	3	4	1	15
Patents By Year of Application:	1	2	0	0	2	0	1	5	0	1	0	1	2	0	0	15
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	12	1	1	0	1	0	0	0	0	0	0	0	0	0	0	15
Patents By Year of Application:	14	0	0	1	0	0	0	0	0	0	0	0	0	0	0	15
MEDTRONIC INC.																
Patents By Year of Grant:	7	0	0	1	2	0	0	1	1	0	0	0	0	0	3	15
Patents By Year of Application:	10	0	0	1	2	0	0	0	0	1	1	0	0	0	0	15
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	10	1	0	0	0	0	1	1	0	0	1	1	0	0	0	15
Patents By Year of Application:	12	0	0	0	1	1	0	1	0	0	0	0	0	0	0	15
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	0	0	1	2	1	0	0	0	0	1	1	4	1	1	3	15
Patents By Year of Application:	1	5	3	1	0	0	2	0	0	1	1	0	0	1	0	15
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	3	0	1	1	1	0	1	1	1	0	0	2	1	0	2	14
Patents By Year of Application:	5	2	0	0	1	1	0	3	0	0	0	1	0	1	0	14
DEERE + COMPANY																
Patents By Year of Grant:	14	0	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
HEWLETT-PACKARD COMPANY																
Patents By Year of Grant:	6	1	1	1	0	3	0	0	0	0	1	0	0	0	1	14
Patents By Year of Application:	8	3	0	1	0	0	0	0	1	1	0	0	0	0	0	14
INFINEON TECHNOLOGIES AG																
Patents By Year of Grant:	0	0	0	0	0	1	2	0	0	2	1	3	0	4	1	14
Patents By Year of Application:	0	0	0	0	4	1	4	2	0	0	1	0	1	1	0	14

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	Pre																
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL	
INTERSIL AMERICAS INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	0	0	1	1	1	9	14	
Patents By Year of Application:	0	0	0	0	0	1	1	0	2	2	1	4	2	0	1	14	
MONSANTO COMPANY, INC.																	
Patents By Year of Grant:	12	0	0	1	0	1	0	0	0	0	0	0	0	0	0	14	
Patents By Year of Application:	12	1	0	1	0	0	0	0	0	0	0	0	0	0	0	14	
OUTBOARD MARINE CORPORATION																	
Patents By Year of Grant:	13	0	1	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	0	1	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	
SEMICONDUCTOR ENERGY LABORATORY CO., LTD.																	
Patents By Year of Grant:	3	0	1	0	1	0	2	0	1	1	0	0	0	2	3	14	
Patents By Year of Application:	7	1	0	0	2	0	0	0	0	1	0	0	3	0	0	14	
SUN MICROSYSTEMS, INC.																	
Patents By Year of Grant:	0	0	1	1	0	0	4	2	0	2	1	0	2	1	0	14	
Patents By Year of Application:	2	2	1	2	4	1	1	1	0	0	0	0	0	0	0	14	
ABBOTT LABORATORIES																	
Patents By Year of Grant:	7	0	0	1	0	0	0	0	0	2	2	0	0	1	0	13	
Patents By Year of Application:	8	0	0	0	0	1	0	3	0	0	0	1	0	0	0	13	
CARRIER CORPORATION																	
Patents By Year of Grant:	5	1	1	1	0	1	0	0	0	1	1	1	0	0	1	13	
Patents By Year of Application:	8	1	0	0	1	1	1	0	0	1	0	0	0	0	0	13	
CASIO COMPUTER CO. LTD.																	
Patents By Year of Grant:	5	0	1	0	0	0	1	0	0	1	0	0	1	2	2	13	
Patents By Year of Application:	7	0	0	0	0	1	0	0	1	1	3	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	
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	1	2	3	1	4	13	
Patents By Year of Application:	0	0	0	1	5	2	0	2	1	2	0	0	0	0	0	13	

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	Pre																
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL	
OLYMPUS CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	2	1	4	2	10	
Patents By Year of Application:	0	0	0	0	1	2	1	2	0	1	2	0	1	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:	2	1	0	0	0	0	0	1	0	2	1	0	2	1	0	10	
Patents By Year of Application:	3	0	0	0	0	1	1	1	1	0	1	1	1	0	0	10	
PIONEER ELECTRONIC CORPORATION																	
Patents By Year of Grant:	1	0	0	0	0	0	0	2	1	1	0	1	0	3	1	10	
Patents By Year of Application:	1	0	0	0	1	3	1	1	1	0	0	2	0	0	0	10	
RAMBUS, INC.																	
Patents By Year of Grant:	0	1	0	1	2	0	0	1	0	1	1	0	0	0	3	10	
Patents By Year of Application:	1	0	1	4	1	0	0	0	0	1	0	0	0	2	0	10	
RENESAS TECHNOLOGY CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	0	4	1	0	4	0	10	
Patents By Year of Application:	0	0	0	3	2	2	0	0	2	1	0	0	0	0	0	10	
THOMAS + BETTS CORPORATION																	
Patents By Year of Grant:	9	0	0	0	0	0	1	0	0	0	0	0	0	0	0	10	
Patents By Year of Application:	9	0	0	0	1	0	0	0	0	0	0	0	0	0	0	10	
TRW INC.																	
Patents By Year of Grant:	9	0	0	0	0	0	0	0	0	1	0	0	0	0	0	10	
Patents By Year of Application:	9	1	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
UNITED STATES OF AMERICA, DEPARTMENT OF HEALTH & HUMAN SERVICES																	
Patents By Year of Grant:	2	0	0	1	1	0	0	1	1	0	1	0	2	1	0	10	
Patents By Year of Application:	4	1	1	1	0	1	1	0	0	1	0	0	0	0	0	10	
WARNER-LAMBERT COMPANY																	
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	1	0	1	1	0	10	
Patents By Year of Application:	8	0	0	0	0	0	0	0	1	0	1	0	0	0	0	10	
ASML NETHERLANDS B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	2	1	2	4	9	
Patents By Year of Application:	0	1	0	0	0	1	0	2	1	2	0	2	0	0	0	9	

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	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
BOEING COMPANY																
Patents By Year of Grant:	6	0	0	2	0	0	0	0	0	0	0	0	0	1	0	9
Patents By Year of Application:	7	1	0	0	0	0	0	0	0	0	0	1	0	0	0	9
BORG-WARNER CORPORATION																
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
BRITISH TELECOMMUNICATION, PLC																
Patents By Year of Grant:	5	1	0	0	0	2	0	0	0	0	1	0	0	0	0	9
Patents By Year of Application:	7	0	0	0	2	0	0	0	0	0	0	0	0	0	0	9
CHEVRON RESEARCH & TECHNOLOGY CO.																
Patents By Year of Grant:	8	0	1	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	0	1	0	3	0	1	4	9
Patents By Year of Application:	0	0	0	0	1	1	1	1	3	0	0	1	1	0	0	9
HITACHI METALS LTD.																
Patents By Year of Grant:	4	0	0	0	0	1	2	0	0	0	0	2	0	0	0	9
Patents By Year of Application:	4	1	0	0	2	0	1	1	0	0	0	0	0	0	0	9
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	0	0	1	1	0	0	0	1	0	1	0	3	2	9
Patents By Year of Application:	0	0	1	1	1	0	0	0	0	1	1	2	1	1	0	9
INTERNATIONAL RECTIFIER CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	2	1	5	1	9
Patents By Year of Application:	0	0	0	0	0	0	1	1	3	1	1	0	2	0	0	9
MICROSOFT CORPORATION																
Patents By Year of Grant:	0	1	0	0	0	0	3	0	1	2	1	0	1	0	0	9
Patents By Year of Application:	1	1	2	1	2	0	1	1	0	0	0	0	0	0	0	9
NORDSON CORPORATION																
Patents By Year of Grant:	5	1	0	0	0	0	0	1	0	1	0	0	0	0	1	9
Patents By Year of Application:	6	0	0	0	1	0	1	0	0	0	1	0	0	0	0	9
PITNEY-BOWES, INC.																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	0	0	1	1	0	0	0	9
Patents By Year of Application:	7	0	0	0	0	1	0	1	0	0	0	0	0	0	0	9

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	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	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:	2	1	1	1	1	0	1	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	5	1	0	0	0	1	0	0	0	0	0	0	0	0	0	7
LOCKHEED MARTIN CORPORATION																
Patents By Year of Grant:	0	0	1	0	1	0	0	1	0	0	1	1	0	2	0	7
Patents By Year of Application:	1	0	1	1	2	0	0	0	1	0	0	1	0	0	0	7
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V																
Patents By Year of Grant:	4	0	0	0	1	0	1	0	0	1	0	0	0	0	0	7
Patents By Year of Application:	4	1	0	2	0	0	0	0	0	0	0	0	0	0	0	7
MITSUI CHEMICALS, INCORPORATED																
Patents By Year of Grant:	0	0	3	0	0	1	0	0	0	1	0	1	0	0	1	7
Patents By Year of Application:	3	0	0	1	1	0	0	1	1	0	0	0	0	0	0	7
MOSAID TECHNOLOGIES INC.																
Patents By Year of Grant:	0	0	0	0	1	1	0	0	0	0	0	3	0	1	1	7
Patents By Year of Application:	2	0	0	1	1	1	0	0	0	0	1	0	1	0	0	7
MULTI-FORMAT, INC.																
Patents By Year of Grant:	0	0	0	0	1	0	1	0	0	0	0	0	0	1	4	7
Patents By Year of Application:	0	2	0	0	1	0	0	4	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	0	1	2	0	0	0	3	1	7
Patents By Year of Application:	1	0	0	0	2	0	0	0	0	0	3	1	0	0	0	7
SAMSUNG SDI CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	1	2	4	7
Patents By Year of Application:	0	1	0	0	0	0	0	1	0	1	0	0	0	4	0	7
SCHERING AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	0	0	1	2	1	0	0	0	2	0	1	0	0	7
Patents By Year of Application:	1	0	0	3	0	1	1	0	0	1	0	0	0	0	0	7
SMITHKLINE BEECHAM CORPORATION																
Patents By Year of Grant:	0	0	0	0	1	0	0	0	0	1	3	1	1	0	0	7
Patents By Year of Application:	1	0	1	0	0	1	0	2	1	0	1	0	0	0	0	7

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2011) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre 1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
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	0	1	0	0	0	1	2	1	0	7
Patents By Year of Application:	2	2	0	0	0	0	0	0	0	3	0	0	0	0	0	7
TORAY INDUSTRIES INC.																
Patents By Year of Grant:	4	0	1	0	0	0	0	0	0	1	0	1	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
TOYO BOSEKI KABUSHIKI KAISHA																
Patents By Year of Grant:	0	1	1	0	0	0	0	0	1	1	2	1	0	0	0	7
Patents By Year of Application:	1	1	2	0	1	0	0	2	0	0	0	0	0	0	0	7
TRANSPACIFIC SYSTEMS, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	4	1	1	0	1	0	0	7
WACOM CO., LTD.																
Patents By Year of Grant:	5	0	0	0	0	0	0	0	0	0	1	0	0	1	0	7
Patents By Year of Application:	6	0	0	0	0	0	0	0	0	0	1	0	0	0	0	7
WISCONSIN ALUMNI RESEARCH FOUNDATION																
Patents By Year of Grant:	4	0	0	0	1	0	0	0	0	0	0	0	0	2	0	7
Patents By Year of Application:	4	0	0	1	0	0	0	0	0	0	0	2	0	0	0	7
ACQIS TECHNOLOGY, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	4	2	6
Patents By Year of Application:	0	0	0	0	0	0	0	1	1	2	0	0	2	0	0	6
ADVANCED CARDIOVASCULAR 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
AISIN SEIKI KABUSHIKI KAISHA																
Patents By Year of Grant:	1	0	0	0	1	1	1	0	0	2	0	0	0	0	0	6
Patents By Year of Application:	1	0	2	0	2	1	0	0	0	0	0	0	0	0	0	6
ALPS ELECTRIC CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	1	1	0	0	0	0	1	0	1	2	6
Patents By Year of Application:	0	0	1	1	0	0	1	1	1	1	0	0	0	0	0	6

(Granted: Jan 01, 1977 - Dec 31, 2011) ---- Ranked List of Organizations with 5 or More Patents ----

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----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2011) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
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	0	1	0	0	0	1	1	0	0	2	6
Patents By Year of Application:	1	0	0	0	1	1	1	1	0	0	1	0	0	0	0	6
HARRIS CORP.																
Patents By Year of Grant:	3	0	1	0	0	0	0	0	0	0	0	2	0	0	0	6
Patents By Year of Application:	4	0	0	0	0	0	1	0	1	0	0	0	0	0	0	6
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN (HENKEL KGAA)																
Patents By Year of Grant:	2	0	1	1	0	0	0	0	0	1	0	1	0	0	0	6
Patents By Year of Application:	4	0	0	0	0	0	1	1	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
IDEMITSU KOSAN COMPANY LIMITED																
Patents By Year of Grant:	3	0	0	1	1	0	0	0	0	1	0	0	0	0	0	6
Patents By Year of Application:	3	1	1	1	0	0	0	0	0	0	0	0	0	0	0	6
IMMERSION CORPORATION																
Patents By Year of Grant:	0	0	1	0	0	1	0	0	0	0	1	1	1	0	1	6
Patents By Year of Application:	1	1	2	0	1	0	0	1	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	0	1	0	1	0	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
LINEAR TECHNOLOGY CORPORATION																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	1	0	0	1	0	0	6
Patents By Year of Application:	5	0	0	0	0	0	0	0	0	1	0	0	0	0	0	6

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

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(Granted: Jan 01, 1977 - Dec 31, 2011) ---- Ranked List of Organizations with 5 or More Patents ----

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

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(Granted: Jan 01, 1977 - Dec 31, 2011) ---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2011) ---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

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

[illegible]

----- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2011) ----- Ranked List of Organizations with 5 or More Patents -----

	Pre															
	1998	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	TOTAL
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	0	1	5
Patents By Year of Application:	4	0	0	0	0	0	0	0	1	0	0	0	0	0	0	5
UNITED STATES SURGICAL CORPORATION																
Patents By Year of Grant:	1	0	0	2	0	0	0	0	1	0	0	1	0	0	0	5
Patents By Year of Application:	2	0	1	0	1	0	0	0	1	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	0	1	0	0	1	0	0	0	0	0	2	5
Patents By Year of Application:	2	0	0	0	1	0	0	0	1	0	1	0	0	0	0	5
VSL PHARMACEUTICALS INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	2	1	0	1	0	5
Patents By Year of Application:	2	0	0	0	0	0	0	0	1	2	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	0	5	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	5
WHITAKER CORPORATION																
Patents By Year of Grant:	0	2	0	0	0	1	0	0	0	1	0	0	1	0	0	5
Patents By Year of Application:	2	0	0	2	0	1	0	0	0	0	0	0	0	0	0	5
XILINX, INC.																
Patents By Year of Grant:	3	0	0	0	1	0	0	0	0	0	0	1	0	0	0	5
Patents By Year of Application:	3	0	0	1	1	0	0	0	0	0	0	0	0	0	0	5
Other Organizations (5140)																
Patents By Year of Grant:	3150	164	217	264	251	216	210	147	117	266	268	323	211	402	536	6742
Patents By Year of Application:	3914	259	268	319	260	266	262	254	247	201	173	145	112	61	1	6742