

REISSUE PATENTS

JANUARY 1977 -- DECEMBER 2013



March 2014
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 - 12/2013 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, 2013**. 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 YYYY**" column correspond to the time period **prior to year YYYY**.

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 (HISTORICALLY ~ 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 **29** months, the patented application data for the most recent years of this report are incomplete.* This is because a significant number of the applications filed during the most recent years were still pending at the end of the report period. While many of these applications eventually will be patented, they will not be patented until sometime following the report period.

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 YYYY**" column correspond to the time period **prior to YYYY**.

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 ownership category 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 2013, patent grant data, as distributed by year of application are approximately 96% complete for utility patent applications filed in 2004, 92% complete for applications filed in 2005, 84% complete for applications filed in 2006, 74% complete for applications filed in 2007, 59% complete for applications filed in 2008, 50% complete for applications filed in 2009, 39% complete for applications filed in 2010, and 24% complete for applications filed in 2011; 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, 2013) ----

	NUMBER OF PATENTS															
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
Total	7268	524	480	460	421	298	245	519	508	647	453	947	1029	822	798	15419
U.S. Origin	4940	331	266	262	222	159	136	295	280	333	236	463	557	401	393	9274
Foreign Origin	2328	193	214	198	199	139	109	224	228	314	217	484	472	421	405	6145
JAPAN	959	112	98	87	98	67	55	115	106	143	90	204	181	153	121	2589
GERMANY	356	13	23	23	21	12	10	13	20	19	19	40	27	33	26	655
UNITED KINGDOM	252	13	11	18	8	8	4	10	12	19	9	24	19	27	16	450
KOREA, SOUTH	11	7	6	11	2	5	6	12	12	22	19	68	75	70	95	421
CANADA	121	10	11	11	16	8	3	16	12	17	12	21	31	18	20	327
FRANCE	144	7	15	10	18	12	7	7	8	12	8	16	19	8	9	300
TAIWAN	9	4	5	5	8	1	4	5	8	17	15	47	38	24	23	213
ITALY	78	4	15	5	6	3	1	3	9	9	4	8	9	10	7	171
SWEDEN	66		6	7	2	1	1	4	10	10	10	10	11	6	5	149
NETHERLANDS	76	1	4	3	4	3	3	5		3	2	4	5	12	16	141
SWITZERLAND	68	4	4	2		3		5	3	5	4	4	3	7	6	118
ISRAEL	21	4	2	4	2	1	5	5	9	8	3	4	12	6	9	95
AUSTRALIA	33	1	4	3	2			7	5	6	3	4	3	3	7	81
FINLAND	11	1		1	2	1		2	1	2	1	7	7	14	11	61
DENMARK	27	2	2		2	2	1	3	3	1	1	2	6	5		57
AUSTRIA	17	2	2	2	4	1	1		1	4		1	3		10	48
BELGIUM	15	2		3	3			1	1	3	4	2	1	4	2	41
SPAIN	5	1				3	2	2	2	4	2	2	3	2	3	31
NORWAY	15		1			1	1	1				3	1	1	2	26
NEW ZEALAND	8	1	3					1	2		1	2	3		1	22
CHINA, PEOPLE'S REPUB						1				1	2		6	3	7	20
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	1	15
RUSSIAN FEDERATION	2	1				1			1	1	1	1		1	1	10
INDIA								1		1		1	1	4	2	10
SOUTH AFRICA	4	1		1							1	1		1		9
MEXICO	2					1								1	1	5
LUXEMBOURG	2			1				1				1				5
INDONESIA	4															4
THAILAND	1								1		2					4
ARGENTINA	2							1		1						4
HUNGARY	2													1	1	4
IRELAND	2										1					3
PORTUGAL	1									1					1	3
BRAZIL	3															3
ANDORRA											1	1		1		3
Others (23)	9	1		1		3	1	2		2		1	5	4	2	31
Ownership:																
U.S. Corporations	4026	265	234	211	198	136	114	254	242	297	203	367	528	411	358	7844
U.S. Government	20	5	3			1	1	2	1		4	2	3	2	5	49
U.S. Individuals	1036	64	43	58	32	24	25	38	45	41	37	94	69	36	37	1679
Foreign Corporations	1938	180	180	179	179	130	99	212	211	294	186	420	409	364	383	5364
Foreign Government	22		1	1	1				2				1	1	1	30
Foreign Individuals	226	10	19	11	11	7	6	13	7	15	23	64	19	8	14	453

---- Patents Granted By Date Of Patent Grant (Granted: Jan 01, 1977 - Dec 31, 2013) ----

	PERCENT OF PATENTS															
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	68	63	55	57	53	53	56	57	55	51	52	49	54	49	49	60
Foreign Origin	32	37	45	43	47	47	44	43	45	49	48	51	46	51	51	40
JAPAN	13	21	20	19	23	22	22	22	21	22	20	22	18	19	15	17
GERMANY	5	2	5	5	5	4	4	3	4	3	4	4	3	4	3	4
UNITED KINGDOM	3	2	2	4	2	3	2	2	2	3	2	3	2	3	2	3
KOREA, SOUTH		1	1	2		2	2	2	2	3	4	7	7	9	12	3
CANADA	2	2	2	2	4	3	1	3	2	3	3	2	3	2	3	2
FRANCE	2	1	3	2	4	4	3	1	2	2	2	2	2	1	1	2
TAIWAN		1	1	1	2		2	1	2	3	3	5	4	3	3	1
ITALY	1	1	3	1	1	1		1	2	1	1	1	1	1	1	1
SWEDEN	1		1	2				1	2	2	2	1	1	1	1	1
NETHERLANDS	1		1	1	1	1	1	1						1	2	1
SWITZERLAND	1	1	1			1		1	1	1	1			1	1	1
ISRAEL		1		1			2	1	2	1	1		1	1	1	1
AUSTRALIA			1	1				1	1	1	1				1	1
FINLAND												1	1	2	1	0
DENMARK						1		1	1				1	1		0
AUSTRIA					1					1					1	0
BELGIUM				1	1						1					0
SPAIN						1	1			1						0
NORWAY																0
NEW ZEALAND			1													0
CHINA, PEOPLE'S REPUB													1		1	0
CHINA,HONG KONG S.A.R							1									0
SINGAPORE							1									0
RUSSIAN FEDERATION																0
INDIA																0
SOUTH AFRICA																0
MEXICO																0
LUXEMBOURG																0
INDONESIA																0
THAILAND																0
ARGENTINA																0
HUNGARY																0
IRELAND																0
PORTUGAL																0
BRAZIL																0
ANDORRA																0
Others (23)						1										0
Ownership:																
U.S. Corporations	55	51	49	46	47	46	47	49	48	46	45	39	51	50	45	51
U.S. Government		1	1								1				1	0
U.S. Individuals	14	12	9	13	8	8	10	7	9	6	8	10	7	4	5	11
Foreign Corporations	27	34	38	39	43	44	40	41	42	45	41	44	40	44	48	35
Foreign Government																0
Foreign Individuals	3	2	4	2	3	2	2	3	1	2	5	7	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, 2013) ----

	NUMBER OF PATENTED APPLICATIONS															
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
Total	9096	663	627	570	530	539	565	558	505	447	388	381	339	198	13	15419
U.S. Origin	5917	335	338	301	312	286	299	290	281	241	213	176	175	101	9	9274
Foreign Origin	3179	328	289	269	218	253	266	268	224	206	175	205	164	97	4	6145
JAPAN	1354	154	136	140	112	108	93	95	78	81	76	91	44	26	1	2589
GERMANY	436	28	30	19	20	21	17	11	10	19	14	8	15	6	1	655
UNITED KINGDOM	316	22	14	22	10	9	9	15	6	7	7	6	4	2	1	450
KOREA, SOUTH	47	14	8	15	10	29	33	24	53	36	25	60	40	26	1	421
CANADA	157	18	20	15	9	14	14	14	20	14	10	7	11	4		327
FRANCE	184	23	28	10	7	10	11	11	2	2	7	2	2	1		300
TAIWAN	22	8	6	8	8	13	44	38	25	12	11	5	5	8		213
ITALY	112	8	3	3	6	3	6	14	3	2	1	5	3	2		171
SWEDEN	98	5	5	2		4	3	16	4	3	1	5	3			149
NETHERLANDS	93	5	3	4	5	6	1	1		8	2		7	6		141
SWITZERLAND	82	4	2	5	4	4	4	1	3	1	1	1	5	1		118
ISRAEL	32	12	7	7	4	4	6	5	2	5	3	1	6	1		95
AUSTRALIA	50	4	1	3	2	5	4	2	2		2	1	5			81
FINLAND	18	3	7		3	1	5	4	5	3	3	2	2	5		61
DENMARK	38		3	2	2	3	1	3	2		2	1				57
AUSTRIA	22	5	3	3		2	1	1	2	1	2	2	3	1		48
BELGIUM	25	3	3		2	2	1	1				1	3			41
SPAIN	12	2		3	3	5				2	1	1	1	1		31
NORWAY	18			2	2	1				2		1				26
NEW ZEALAND	13	3			1	2	2		1							22
CHINA, PEOPLE'S REPUB			1		1	1	2	2		2	1	2	2	6		20
CHINA,HONG KONG S.A.R	5	2		1	1	2		1			2	1	1			16
SINGAPORE	4	4				1	1	1	2		1	1				15
RUSSIAN FEDERATION	4		1		1		2	1		1						10
INDIA			2		1		1		1	4		1				10
SOUTH AFRICA	6				1						1		1			9
MEXICO	2				1				2							5
LUXEMBOURG	2		1		1					1						5
INDONESIA	4															4
HUNGARY	2			1			1									4
ARGENTINA	2		1	1												4
THAILAND	1							3								4
IRELAND	2						1									3
PORTUGAL	1						1		1							3
BRAZIL	3															3
ANDORRA							1	2								3
Others (23)	12	1	4	3	1	3	1	2			2		1	1		31
Ownership:																
U.S. Corporations	4877	284	301	248	269	270	261	253	240	232	211	150	160	85	3	7844
U.S. Government	30	4		1	1	3	1	3	3				1	2		49
U.S. Individuals	1188	61	54	50	42	32	53	54	47	35	16	19	18	10		1679
Foreign Corporations	2694	294	258	252	212	225	215	217	195	171	156	210	156	99	10	5364
Foreign Government	26		2	2												30
Foreign Individuals	281	20	12	17	6	9	35	31	20	9	5	2	4	2		453

---- Patents Granted By Date Of Patent Application (Granted: Jan 01, 1977 - Dec 31, 2013) ----																
PERCENT OF PATENTED APPLICATIONS																
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	Total
Total	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100	100
U.S. Origin	65	51	54	53	59	53	53	52	56	54	55	46	52	51	69	60
Foreign Origin	35	49	46	47	41	47	47	48	44	46	45	54	48	49	31	40
JAPAN	15	23	22	25	21	20	16	17	15	18	20	24	13	13	8	17
GERMANY	5	4	5	3	4	4	3	2	2	4	4	2	4	3	8	4
UNITED KINGDOM	3	3	2	4	2	2	2	3	1	2	2	2	1	1	8	3
KOREA, SOUTH	1	2	1	3	2	5	6	4	10	8	6	16	12	13	8	3
CANADA	2	3	3	3	2	3	2	3	4	3	3	2	3	2		2
FRANCE	2	3	4	2	1	2	2	2			2	1	1	1		2
TAIWAN		1	1	1	2	2	8	7	5	3	3	1	1	4		1
ITALY	1	1		1	1	1	1	3	1			1	1	1		1
SWEDEN	1	1	1			1	1	3	1	1		1	1			1
NETHERLANDS	1	1		1	1	1				2	1		2	3		1
SWITZERLAND	1	1		1	1	1	1		1				1	1		1
ISRAEL		2	1	1	1	1	1	1		1	1		2	1		1
AUSTRALIA	1	1		1		1	1				1		1			1
FINLAND			1		1		1	1	1	1	1	1	1	3		0
DENMARK						1		1			1					0
AUSTRIA		1		1							1	1	1	1		0
BELGIUM													1			0
SPAIN				1	1	1								1		0
NORWAY																0
NEW ZEALAND																0
CHINA, PEOPLE'S REPUB												1	1	3		0
CHINA,HONG KONG S.A.R											1					0
SINGAPORE		1														0
RUSSIAN FEDERATION																0
INDIA										1						0
SOUTH AFRICA																0
MEXICO																0
LUXEMBOURG																0
INDONESIA																0
HUNGARY																0
ARGENTINA																0
THAILAND							1									0
IRELAND																0
PORTUGAL																0
BRAZIL																0
ANDORRA																0
Others (23)			1	1		1					1			2		0
Ownership:																
U.S. Corporations	54	43	48	44	51	50	46	45	48	52	54	39	47	43	23	51
U.S. Government		1				1		1	1					1		0
U.S. Individuals	13	9	9	9	8	6	9	10	9	8	4	5	5	5		11
Foreign Corporations	30	44	41	44	40	42	38	39	39	38	40	55	46	50	77	35
Foreign Government																0
Foreign Individuals	3	3	2	3	1	2	6	6	4	2	1	1	1	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, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
LG ELECTRONICS INC.																
Patents By Year of Grant:	0	3	4	0	0	0	2	3	4	6	4	43	50	33	41	193
Patents By Year of Application:	10	0	1	0	5	9	19	17	45	22	14	27	17	7	0	193
HITACHI, LTD																
Patents By Year of Grant:	94	7	7	6	8	4	1	8	11	6	4	5	8	4	2	175
Patents By Year of Application:	120	8	6	11	3	5	5	4	3	1	3	3	2	1	0	175
MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD.																
Patents By Year of Grant:	25	7	9	5	4	9	12	26	23	25	1	0	1	0	0	147
Patents By Year of Application:	54	29	20	10	26	7	1	0	0	0	0	0	0	0	0	147
SONY CORPORATION																
Patents By Year of Grant:	25	7	6	4	5	7	3	1	5	10	6	19	12	15	21	146
Patents By Year of Application:	48	13	6	5	1	13	6	5	4	17	8	7	7	6	0	146
TOSHIBA CORPORATION																
Patents By Year of Grant:	21	11	4	4	2	1	2	4	2	6	6	15	24	17	23	142
Patents By Year of Application:	42	3	5	5	4	5	4	12	3	11	20	22	5	1	0	142
SAMSUNG ELECTRONICS CO., LTD.																
Patents By Year of Grant:	7	2	0	9	0	5	3	7	7	6	14	19	12	17	14	122
Patents By Year of Application:	25	12	7	8	3	12	10	7	6	4	5	6	11	6	0	122
GENERAL ELECTRIC COMPANY																
Patents By Year of Grant:	74	2	0	1	0	1	0	3	2	2	2	4	2	0	2	95
Patents By Year of Application:	76	3	0	1	5	1	2	4	2	0	0	0	1	0	0	95
SEIKO EPSON CORPORATION																
Patents By Year of Grant:	12	4	1	6	10	2	2	5	5	8	3	8	9	9	7	91
Patents By Year of Application:	26	5	14	7	3	1	6	2	7	4	4	6	5	1	0	91
Panasonic Corporation																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	27	33	10	12	5	89
Patents By Year of Application:	6	8	8	6	7	8	9	8	11	7	5	3	2	1	0	89
CANON KABUSHIKI KAISHA																
Patents By Year of Grant:	33	4	0	2	2	1	4	2	2	7	2	3	10	4	7	83
Patents By Year of Application:	43	6	5	2	2	1	3	3	3	4	1	2	6	2	0	83
MITSUBISHI DENKI KABUSHIKI KAISHA																
Patents By Year of Grant:	38	9	0	2	2	2	2	2	1	5	2	5	2	3	3	78
Patents By Year of Application:	53	2	3	2	3	2	3	3	1	2	0	4	0	0	0	78

(Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
CATERPILLAR INC.																
Patents By Year of Grant:	31	1	1	1	0	0	1	0	1	1	0	2	0	0	1	40
Patents By Year of Application:	34	0	1	1	0	0	0	2	0	2	0	0	0	0	0	40
SHARP KABUSHIKI KAISHA (SHARP CORPORATION)																
Patents By Year of Grant:	8	0	3	2	1	0	1	1	1	0	1	1	1	9	11	40
Patents By Year of Application:	11	4	2	1	1	0	0	1	1	2	3	6	7	1	0	40
TOYOTA JIDOSHA K.K.																
Patents By Year of Grant:	7	1	1	3	1	1	2	4	1	2	1	5	7	3	0	39
Patents By Year of Application:	12	2	3	3	1	7	1	3	2	3	2	0	0	0	0	39
NEC CORPORATION																
Patents By Year of Grant:	16	1	2	2	0	2	0	1	2	2	1	3	1	2	2	37
Patents By Year of Application:	20	2	1	2	4	2	2	2	0	0	0	2	0	0	0	37
Round Rock Research, LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	8	13	7	7	35
Patents By Year of Application:	0	0	0	0	3	2	2	1	16	2	5	2	1	1	0	35
XEROX CORPORATION																
Patents By Year of Grant:	24	0	1	0	1	1	1	1	1	2	0	1	2	0	0	35
Patents By Year of Application:	25	0	3	3	0	1	0	0	1	0	1	1	0	0	0	35
U.S. PHILIPS CORPORATION																
Patents By Year of Grant:	31	0	1	1	0	0	0	0	0	0	0	0	0	0	0	33
Patents By Year of Application:	33	0	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	2	1	0	0	5	0	1	1	1	1	1	0	32
Patents By Year of Application:	22	2	1	1	3	0	1	0	0	0	0	1	1	0	0	32
INTEL CORPORATION																
Patents By Year of Grant:	3	1	1	0	1	3	1	4	4	2	3	5	0	1	3	32
Patents By Year of Application:	8	3	3	3	6	4	3	1	0	0	0	1	0	0	0	32
EATON CORPORATION																
Patents By Year of Grant:	25	2	1	1	0	1	0	0	1	0	0	0	0	0	0	31
Patents By Year of Application:	28	2	0	0	1	0	0	0	0	0	0	0	0	0	0	31
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE																
Patents By Year of Grant:	0	0	0	0	0	0	0	1	0	3	0	1	4	0	21	30
Patents By Year of Application:	0	0	1	1	1	1	3	0	2	1	1	11	7	1	0	30

(Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

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---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
UNIVERSITY OF CALIFORNIA, THE REGENTS OF																
Patents By Year of Grant:	7	0	0	1	1	0	0	1	1	3	3	3	4	2	0	26
Patents By Year of Application:	8	0	3	0	1	1	0	8	0	1	2	1	1	0	0	26
ADC TELECOMMUNICATIONS, INC.																
Patents By Year of Grant:	1	0	0	1	1	0	0	0	1	3	5	5	3	2	3	25
Patents By Year of Application:	3	1	3	0	1	1	4	1	3	4	2	1	1	0	0	25
YAMAHA CORPORATION																
Patents By Year of Grant:	7	1	4	2	2	2	0	0	1	2	0	2	0	1	1	25
Patents By Year of Application:	16	4	2	0	0	1	0	0	0	0	0	1	1	0	0	25
BROTHER KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	9	0	0	0	0	0	1	2	0	1	2	1	3	5	0	24
Patents By Year of Application:	11	0	1	1	0	1	1	3	5	0	0	0	1	0	0	24
INTERSIL AMERICAS INC.																
Patents By Year of Grant:	0	0	0	0	0	0	2	0	0	1	1	1	9	6	4	24
Patents By Year of Application:	0	0	0	1	1	0	2	2	1	5	3	5	3	1	0	24
STMICROELECTRONICS S.R.L.																
Patents By Year of Grant:	2	1	5	2	3	3	0	0	0	1	0	3	1	1	2	24
Patents By Year of Application:	14	1	1	1	4	0	0	0	0	0	0	2	0	1	0	24
CORNING INCORPORATED																
Patents By Year of Grant:	7	1	0	2	2	1	1	2	1	1	0	2	0	1	2	23
Patents By Year of Application:	12	1	2	2	1	0	0	1	2	0	1	1	0	0	0	23
MOTOROLA, INC.																
Patents By Year of Grant:	20	2	0	1	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	23
BASF AKTIENGESELLSCHAFT																
Patents By Year of Grant:	16	1	0	3	0	0	0	0	1	1	0	0	0	0	0	22
Patents By Year of Application:	19	0	1	0	1	0	1	0	0	0	0	0	0	0	0	22
NISSAN MOTOR COMPANY, LIMITED																
Patents By Year of Grant:	13	0	1	1	1	0	0	0	0	0	0	1	2	3	0	22
Patents By Year of Application:	13	3	0	0	0	0	0	0	1	0	1	2	1	1	0	22
UNITED TECHNOLOGIES CORPORATION																
Patents By Year of Grant:	17	1	0	0	1	0	0	0	1	0	0	0	0	1	1	22
Patents By Year of Application:	19	0	1	0	0	1	0	0	0	0	0	0	1	0	0	22

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
ALLIED-SIGNAL INC.																	
Patents By Year of Grant:	19	0	0	1	0	0	0	0	0	1	0	0	0	0	0	21	
Patents By Year of Application:	19	1	0	0	1	0	0	0	0	0	0	0	0	0	0	21	
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.)																	
Patents By Year of Grant:	13	0	0	1	0	0	1	1	0	2	0	0	1	1	1	21	
Patents By Year of Application:	14	0	2	0	2	2	0	0	0	0	0	1	0	0	0	21	
PAPST LICENSING GMBH & CO. KG																	
Patents By Year of Grant:	6	1	3	3	3	3	1	1	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	
PROCTER + GAMBLE COMPANY																	
Patents By Year of Grant:	11	2	0	0	1	0	0	0	1	1	1	1	2	1	0	21	
Patents By Year of Application:	14	1	1	0	0	2	0	0	0	2	0	0	1	0	0	21	
KONINKLIJKE PHILIPS ELECTRONICS N.V.																	
Patents By Year of Grant:	0	0	0	2	1	2	2	0	0	0	0	1	3	4	5	20	
Patents By Year of Application:	1	3	1	3	2	2	2	0	2	1	1	1	0	1	0	20	
LUCENT TECHNOLOGIES INC.																	
Patents By Year of Grant:	3	5	4	3	0	1	1	1	0	1	0	1	0	0	0	20	
Patents By Year of Application:	14	1	1	2	0	1	1	0	0	0	0	0	0	0	0	20	
MINOLTA CAMERA CO., LTD.																	
Patents By Year of Grant:	18	0	0	0	1	0	0	0	0	1	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	
SANDVIK INTELLECTUAL PROPERTY AB																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	5	7	4	4	0	0	0	20	
Patents By Year of Application:	4	0	0	0	0	0	0	15	1	0	0	0	0	0	0	20	
STMICROELECTRONICS, INC.																	
Patents By Year of Grant:	2	1	1	3	2	0	1	0	2	2	0	4	1	0	1	20	
Patents By Year of Application:	6	8	3	1	0	0	1	0	0	0	0	0	1	0	0	20	
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.																	
Patents By Year of Grant:	14	0	2	1	0	0	0	0	0	1	0	0	1	1	0	20	
Patents By Year of Application:	17	0	0	0	0	1	0	0	0	1	0	1	0	0	0	20	
BRISTOL-MYERS SQUIBB COMPANY																	
Patents By Year of Grant:	7	0	0	0	0	0	0	2	1	1	0	4	3	0	1	19	
Patents By Year of Application:	7	0	0	0	0	1	3	1	0	0	4	1	2	0	0	19	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
EXXON RESEARCH + ENGINEERING CO.																
Patents By Year of Grant:	14	0	3	2	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
MOBIL OIL CORP.																
Patents By Year of Grant:	18	1	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	0	0	2	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:	4	0	1	0	2	0	1	1	0	0	0	2	3	4	1	19
Patents By Year of Application:	8	0	2	0	1	2	0	1	0	0	4	0	0	1	0	19
SGS-THOMSON MICROELECTRONICS S.R.L.																
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
CASIO COMPUTER CO. LTD.																
Patents By Year of Grant:	6	0	0	0	1	0	0	1	0	0	1	2	2	4	1	18
Patents By Year of Application:	7	1	0	1	0	0	1	1	3	0	0	3	1	0	0	18
UNISYS CORPORATION																
Patents By Year of Grant:	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
Patents By Year of Application:	18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	18
AMERICAN CYANAMID COMPANY																
Patents By Year of Grant:	16	0	0	1	0	0	0	0	0	0	0	0	0	0	0	17
Patents By Year of Application:	16	1	0	0	0	0	0	0	0	0	0	0	0	0	0	17
BAKER HUGHES INCORPORATED																
Patents By Year of Grant:	4	1	1	0	1	1	1	0	0	2	1	0	2	2	1	17
Patents By Year of Application:	7	0	1	1	0	3	0	0	0	1	0	2	2	0	0	17
BAXTER INTERNATIONAL INC.																
Patents By Year of Grant:	15	0	1	0	0	0	0	0	0	0	0	0	0	1	0	17
Patents By Year of Application:	16	0	0	0	1	0	0	0	0	0	0	0	0	0	0	17
HALLIBURTON ENERGY SERVICES, INC.																
Patents By Year of Grant:	0	0	0	1	0	3	0	2	0	2	1	4	4	0	0	17
Patents By Year of Application:	1	1	6	0	1	1	2	1	3	0	1	0	0	0	0	17

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	2	1	2	3	1	4	4	0	17	
Patents By Year of Application:	0	1	5	2	0	2	1	3	0	1	0	2	0	0	0	17	
HONEYWELL INC.																	
Patents By Year of Grant:	14	3	0	0	0	0	0	0	0	0	0	0	0	0	0	17	
Patents By Year of Application:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	
IMPERIAL CHEMICAL INDUSTRIES PLC																	
Patents By Year of Grant:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	
Patents By Year of Application:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	
SEAGATE TECHNOLOGY, LLC																	
Patents By Year of Grant:	4	2	0	0	2	0	0	0	0	1	0	0	3	3	2	17	
Patents By Year of Application:	7	0	1	0	2	0	0	0	0	0	1	4	2	0	0	17	
UNION CARBIDE CORPORATION																	
Patents By Year of Grant:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	
Patents By Year of Application:	17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	17	
VICTOR COMPANY OF JAPAN, LIMITED																	
Patents By Year of Grant:	9	3	0	1	1	0	0	0	0	0	0	1	2	0	0	17	
Patents By Year of Application:	12	2	0	0	0	0	0	2	1	0	0	0	0	0	0	17	
AMP INCORPORATED																	
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	
BLACK & DECKER INC.																	
Patents By Year of Grant:	2	0	2	1	0	0	0	1	0	2	1	1	1	2	3	16	
Patents By Year of Application:	5	0	0	1	1	0	3	0	0	1	1	1	1	2	0	16	
DOW CORNING CORPORATION																	
Patents By Year of Grant:	14	1	0	0	1	0	0	0	0	0	0	0	0	0	0	16	
Patents By Year of Application:	15	0	1	0	0	0	0	0	0	0	0	0	0	0	0	16	
FUJI PHOTO FILM CO., LTD																	
Patents By Year of Grant:	12	0	1	0	2	0	0	1	0	0	0	0	0	0	0	16	
Patents By Year of Application:	13	2	0	1	0	0	0	0	0	0	0	0	0	0	0	16	
MEDTRONIC INC.																	
Patents By Year of Grant:	7	1	2	0	0	1	1	0	0	0	0	0	3	0	1	16	
Patents By Year of Application:	10	1	2	0	0	0	0	1	1	1	0	0	0	0	0	16	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
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	16
Patents By Year of Application:	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	16
ROBERT BOSCH GMBH																
Patents By Year of Grant:	14	0	0	0	1	0	0	0	0	1	0	0	0	0	0	16
Patents By Year of Application:	14	1	0	1	0	0	0	0	0	0	0	0	0	0	0	16
SCHLUMBERGER TECHNOLOGY CORPORATION																
Patents By Year of Grant:	11	0	0	0	1	1	0	0	1	1	0	0	0	1	0	16
Patents By Year of Application:	12	1	1	1	0	1	0	0	0	0	0	0	0	0	0	16
TOKYO ELECTRON LIMITED																
Patents By Year of Grant:	1	2	1	0	0	0	0	1	1	4	1	1	3	1	0	16
Patents By Year of Application:	9	1	0	0	2	0	0	1	1	0	0	1	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
ALTERA CORPORATION																
Patents By Year of Grant:	1	0	1	0	0	2	0	0	0	3	3	4	1	0	0	15
Patents By Year of Application:	3	0	2	0	1	5	0	1	0	1	2	0	0	0	0	15
DEERE + COMPANY																
Patents By Year of Grant:	14	0	0	0	0	0	0	0	0	0	0	0	0	1	0	15
Patents By Year of Application:	14	0	0	0	0	0	0	0	0	0	0	0	1	0	0	15
DENSO CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	0	0	0	1	2	1	3	4	2	1	15
Patents By Year of Application:	1	0	0	5	0	1	1	1	2	0	2	1	1	0	0	15
GENERAL MOTORS CORPORATION																
Patents By Year of Grant:	14	0	1	0	0	0	0	0	0	0	0	0	0	0	0	15
Patents By Year of Application:	14	1	0	0	0	0	0	0	0	0	0	0	0	0	0	15
INFINEON TECHNOLOGIES AG																
Patents By Year of Grant:	0	0	0	1	2	0	0	2	1	3	0	4	1	1	0	15
Patents By Year of Application:	0	0	4	1	4	2	0	0	1	0	1	1	1	0	0	15
MOLEX INCORPORATED																
Patents By Year of Grant:	10	0	1	0	0	0	1	0	0	0	0	1	0	2	0	15
Patents By Year of Application:	11	0	0	1	0	0	0	1	0	0	0	2	0	0	0	15

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
SHIMANO INC.																	
Patents By Year of Grant:	0	1	1	0	1	0	0	2	3	0	1	2	2	2	0	15	
Patents By Year of Application:	3	0	0	2	1	5	1	1	0	2	0	0	0	0	0	15	
UNITED STATES OF AMERICA, NAVY																	
Patents By Year of Grant:	4	2	1	0	0	0	0	2	0	0	1	0	2	1	2	15	
Patents By Year of Application:	6	1	0	0	0	3	0	1	3	0	0	0	1	0	0	15	
ABBOTT LABORATORIES																	
Patents By Year of Grant:	7	1	0	0	0	0	0	2	2	0	0	1	0	0	1	14	
Patents By Year of Application:	8	0	0	1	1	3	0	0	0	1	0	0	0	0	0	14	
ASML NETHERLANDS B.V.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	1	2	4	3	2	14	
Patents By Year of Application:	1	0	0	1	0	2	1	3	0	3	1	0	1	1	0	14	
HEWLETT-PACKARD COMPANY																	
Patents By Year of Grant:	8	1	0	3	0	0	0	0	1	0	0	0	1	0	0	14	
Patents By Year of Application:	11	1	0	0	0	0	1	1	0	0	0	0	0	0	0	14	
HOFFMANN-LA ROCHE INC.																	
Patents By Year of Grant:	10	1	0	0	0	0	0	0	0	0	0	0	0	1	2	14	
Patents By Year of Application:	11	0	0	0	0	0	0	0	0	0	0	0	1	2	0	14	
MONSANTO COMPANY, INC.																	
Patents By Year of Grant:	12	1	0	1	0	0	0	0	0	0	0	0	0	0	0	14	
Patents By Year of Application:	13	1	0	0	0	0	0	0	0	0	0	0	0	0	0	14	
OUTBOARD MARINE CORPORATION																	
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	
ROCKWELL INTERNATIONAL CORPORATION																	
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	
SUN MICROSYSTEMS, INC.																	
Patents By Year of Grant:	1	1	0	0	4	2	0	2	1	0	2	1	0	0	0	14	
Patents By Year of Application:	5	2	4	1	1	1	0	0	0	0	0	0	0	0	0	14	
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.																	
Patents By Year of Grant:	0	0	0	0	0	0	1	1	1	2	0	3	4	1	1	14	
Patents By Year of Application:	0	0	0	2	3	0	2	1	2	0	2	1	1	0	0	14	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
CARRIER CORPORATION																
Patents By Year of Grant:	7	1	0	1	0	0	0	1	1	1	0	0	1	0	0	13
Patents By Year of Application:	9	0	1	1	1	0	0	1	0	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	1	5	1	3	2	1	0	13
Patents By Year of Application:	0	0	2	0	0	3	1	3	3	0	1	0	0	0	0	13
KONICA CORPORATION																
Patents By Year of Grant:	8	1	0	1	0	0	0	1	0	1	0	0	0	0	1	13
Patents By Year of Application:	10	0	0	1	1	0	0	0	0	1	0	0	0	0	0	13
MARVELL INTERNATIONAL LTD.																
Patents By Year of Grant:	0	0	1	3	0	1	0	1	0	0	1	2	3	1	0	13
Patents By Year of Application:	0	3	3	0	1	0	2	0	2	0	0	2	0	0	0	13
Renesas Electronics Corp.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	4	1	4	4	13
Patents By Year of Application:	0	1	1	1	0	0	3	0	0	1	0	5	0	1	0	13
SAMSUNG SDI CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	2	4	5	1	13
Patents By Year of Application:	1	0	0	0	0	1	0	1	0	0	0	9	1	0	0	13
SANYO ELECTRIC CO., LTD.																
Patents By Year of Grant:	4	0	0	2	0	0	1	1	1	1	0	1	2	0	0	13
Patents By Year of Application:	6	2	0	2	0	1	1	0	0	1	0	0	0	0	0	13
SGS-THOMSON MICROELECTRONICS S.A.																
Patents By Year of Grant:	11	2	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:	10	1	0	0	0	0	0	0	0	0	1	0	0	0	1	13
Patents By Year of Application:	11	0	0	1	0	0	0	0	1	0	0	0	0	0	0	13
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL.)																
Patents By Year of Grant:	3	0	2	3	0	0	0	0	0	1	3	0	0	0	1	13
Patents By Year of Application:	9	0	0	1	0	1	1	0	0	0	0	1	0	0	0	13

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
ASAHI GLASS COMPANY, LTD.																	
Patents By Year of Grant:	2	1	3	1	1	1	0	0	0	0	0	3	0	0	0	12	
Patents By Year of Application:	6	2	1	0	0	0	0	0	1	2	0	0	0	0	0	12	
DANA CORPORATION																	
Patents By Year of Grant:	11	0	0	0	0	0	0	1	0	0	0	0	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	
HYNIX SEMICONDUCTOR INC.																	
Patents By Year of Grant:	0	0	0	0	1	0	0	0	0	2	0	1	3	2	3	12	
Patents By Year of Application:	1	0	1	1	0	1	0	0	1	2	0	1	0	4	0	12	
RAMBUS, INC.																	
Patents By Year of Grant:	1	1	2	0	0	1	0	1	1	0	0	0	3	1	1	12	
Patents By Year of Application:	2	4	1	0	0	0	1	1	0	0	1	2	0	0	0	12	
THOMSON LICENSING S.A.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	2	1	1	2	2	0	4	12	
Patents By Year of Application:	1	1	0	3	1	2	2	0	0	0	1	0	0	0	1	12	
AVERY DENNISON CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	1	3	2	4	0	11	
Patents By Year of Application:	0	0	0	1	0	0	0	2	2	0	0	0	6	0	0	11	
COMMISSARIAT A L'ENERGIE ATOMIQUE																	
Patents By Year of Grant:	3	0	0	0	0	1	0	0	1	0	1	3	1	0	1	11	
Patents By Year of Application:	3	0	1	2	1	0	1	3	0	0	0	0	0	0	0	11	
HOECHST AKTIENGESELLSCHAFT																	
Patents By Year of Grant:	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	
Patents By Year of Application:	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	
INTERNATIONAL GAME TECHNOLOGY (IGT)																	
Patents By Year of Grant:	0	0	0	0	0	0	0	5	1	0	0	0	1	3	1	11	
Patents By Year of Application:	6	0	0	1	0	1	1	1	0	1	0	0	0	0	0	11	
OLIN CORPORATION																	
Patents By Year of Grant:	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	
Patents By Year of Application:	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11	
PIONEER ELECTRONIC CORPORATION																	
Patents By Year of Grant:	1	0	0	0	0	2	1	1	0	1	0	3	1	1	0	11	
Patents By Year of Application:	2	0	1	3	1	1	1	0	0	2	0	0	0	0	0	11	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
SONY DEUTSCHLAND GMBH																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	0	2	5	2	11
Patents By Year of Application:	0	0	0	0	0	0	4	2	0	0	2	1	1	1	0	11
UNITED STATES OF AMERICA, DEPARTMENT OF HEALTH & HUMAN SERVICES																
Patents By Year of Grant:	2	1	1	0	0	1	1	0	1	0	2	1	0	0	1	11
Patents By Year of Application:	6	2	0	1	1	0	0	1	0	0	0	0	0	0	0	11
UPJOHN COMPANY																
Patents By Year of Grant:	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
Patents By Year of Application:	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
AMOCO 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
ANALOG DEVICES, INC.																
Patents By Year of Grant:	5	1	0	1	1	0	0	0	0	1	1	0	0	0	0	10
Patents By Year of Application:	8	0	0	0	1	0	0	1	0	0	0	0	0	0	0	10
ASAHI KASEI KOGYO KABUSHIKI KAISHA																
Patents By Year of Grant:	8	0	0	0	2	0	0	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	8	0	1	1	0	0	0	0	0	0	0	0	0	0	0	10
AVENTIS PHARMA SA																
Patents By Year of Grant:	0	0	1	3	0	3	1	0	1	0	1	0	0	0	0	10
Patents By Year of Application:	0	5	3	1	1	0	0	0	0	0	0	0	0	0	0	10
BETHLEHEM STEEL CORPORATION																
Patents By Year of Grant:	9	0	0	1	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
BOEING COMPANY																
Patents By Year of Grant:	6	2	0	0	0	0	0	0	0	0	0	1	0	0	1	10
Patents By Year of Application:	9	0	0	0	0	0	0	0	0	1	0	0	0	0	0	10
EBARA CORPORATION																
Patents By Year of Grant:	0	0	2	0	2	0	3	2	1	0	0	0	0	0	0	10
Patents By Year of Application:	4	2	1	2	0	1	0	0	0	0	0	0	0	0	0	10
HONEYWELL INTERNATIONAL INC.																
Patents By Year of Grant:	0	0	1	1	0	0	0	1	0	1	0	3	2	0	1	10
Patents By Year of Application:	1	1	1	0	0	0	0	1	1	2	1	2	0	0	0	10

---- Organizational Patenting

(Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
INTERNATIONAL PAPER CO.																	
Patents By Year of Grant:	8	0	0	2	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	
MERCK + CO., INC.																	
Patents By Year of Grant:	5	2	0	0	0	0	0	2	0	0	1	0	0	0	0	10	
Patents By Year of Application:	9	0	0	1	0	0	0	0	0	0	0	0	0	0	0	10	
MICROSOFT CORPORATION																	
Patents By Year of Grant:	1	0	0	0	3	0	1	2	1	0	1	0	0	1	0	10	
Patents By Year of Application:	4	1	2	0	1	1	0	0	0	0	0	0	1	0	0	10	
MOSAID TECHNOLOGIES INC.																	
Patents By Year of Grant:	0	0	1	1	0	0	0	0	0	3	0	1	1	1	2	10	
Patents By Year of Application:	2	1	1	1	0	0	0	0	1	0	1	2	1	0	0	10	
NATIONAL RESEARCH DEVELOPMENT 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	
NIPPON STEEL CORP.																	
Patents By Year of Grant:	6	0	0	0	0	0	0	0	0	1	1	0	2	0	0	10	
Patents By Year of Application:	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
OLYMPUS CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	2	1	4	2	0	0	10	
Patents By Year of Application:	0	0	1	2	1	2	0	1	2	0	1	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	0	0	1	0	2	1	0	2	1	0	0	0	10	
Patents By Year of Application:	3	0	0	1	1	1	1	0	1	1	1	0	0	0	0	10	
RENEASAS TECHNOLOGY CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	1	0	0	4	1	0	4	0	0	0	10	
Patents By Year of Application:	0	3	2	2	0	0	2	1	0	0	0	0	0	0	0	10	
RESEARCH IN MOTION LIMITED																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	0	1	3	3	2	10	
Patents By Year of Application:	0	0	1	0	1	1	1	0	0	0	2	2	2	0	0	10	

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
STANFORD UNIVERSITY																
Patents By Year of Grant:	5	0	1	0	1	1	0	0	0	1	0	0	0	1	0	10
Patents By Year of Application:	6	0	0	3	0	0	0	0	0	1	0	0	0	0	0	10
SUMITOMO ELECTRIC INDUSTRIES, LTD.																
Patents By Year of Grant:	2	0	0	1	1	0	1	0	1	0	1	1	1	0	1	10
Patents By Year of Application:	3	1	1	1	1	0	2	0	0	1	0	0	0	0	0	10
THE AEROSPACE CORPORATION																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	1	0	2	2	2	3	0	10
Patents By Year of Application:	0	0	0	0	0	0	1	1	5	2	0	1	0	0	0	10
THOMAS + BETTS CORPORATION																
Patents By Year of Grant:	9	0	0	0	1	0	0	0	0	0	0	0	0	0	0	10
Patents By Year of Application:	9	0	1	0	0	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	1	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
WARNER-LAMBERT COMPANY																
Patents By Year of Grant:	7	0	0	0	0	0	0	0	1	0	1	1	0	0	0	10
Patents By Year of Application:	8	0	0	0	0	0	1	0	1	0	0	0	0	0	0	10
BECTON, DICKINSON AND COMPANY																
Patents By Year of Grant:	3	0	0	0	0	1	0	2	1	1	0	0	0	1	0	9
Patents By Year of Application:	7	0	0	0	0	1	0	0	0	1	0	0	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:	6	0	0	2	0	0	0	0	1	0	0	0	0	0	0	9
Patents By Year of Application:	7	0	2	0	0	0	0	0	0	0	0	0	0	0	0	9
CHEVRON RESEARCH & TECHNOLOGY CO.																
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
Emerson Climate Technologies, Inc.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	4	1	2	1	0	1	9
Patents By Year of Application:	0	0	0	1	3	2	2	0	0	0	1	0	0	0	0	9

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
HITACHI METALS LTD.																	
Patents By Year of Grant:	4	0	0	1	2	0	0	0	0	2	0	0	0	0	0	9	
Patents By Year of Application:	5	0	2	0	1	1	0	0	0	0	0	0	0	0	0	9	
HUSKY INJECTION MOLDING SYSTEMS LIMITED																	
Patents By Year of Grant:	3	0	0	1	0	1	0	2	0	0	0	0	1	1	0	9	
Patents By Year of Application:	3	1	1	0	2	0	0	0	0	1	0	0	1	0	0	9	
INTERNATIONAL RECTIFIER CORPORATION																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	1	5	1	0	0	9	
Patents By Year of Application:	0	0	0	0	1	1	3	1	1	0	2	0	0	0	0	9	
JOHNS HOPKINS UNIVERSITY																	
Patents By Year of Grant:	1	2	0	0	1	0	1	0	0	1	1	0	0	1	1	9	
Patents By Year of Application:	4	1	1	0	1	0	0	0	0	1	0	0	1	0	0	9	
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)																	
Patents By Year of Grant:	4	0	0	1	1	0	0	1	0	0	0	1	0	0	1	9	
Patents By Year of Application:	4	1	0	3	0	0	0	0	0	0	0	0	0	1	0	9	
NORDSON CORPORATION																	
Patents By Year of Grant:	6	0	0	0	0	1	0	1	0	0	0	0	1	0	0	9	
Patents By Year of Application:	6	0	1	0	1	0	0	0	1	0	0	0	0	0	0	9	
PIONEER CORPORATION																	
Patents By Year of Grant:	0	0	0	0	1	1	0	1	1	1	0	0	3	1	0	9	
Patents By Year of Application:	1	0	1	0	0	0	3	1	1	1	1	0	0	0	0	9	
PITNEY-BOWES, INC.																	
Patents By Year of Grant:	7	0	0	0	0	0	0	0	1	1	0	0	0	0	0	9	
Patents By Year of Application:	7	0	0	1	0	1	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:	6	0	1	1	0	0	0	0	0	0	0	0	0	1	0	9	
Patents By Year of Application:	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	
STATS CHIPPAK LTD.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9	9	
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	0	4	5	9	

Page B - 17

(Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

[illegible]

(Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

[illegible]

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
Hitachi Plasma Patent Licensing Co., Ltd.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	3	0	3	1	7
Patents By Year of Application:	0	0	0	0	0	0	0	1	0	0	2	4	0	0	0	7
IDEMITSU KOSAN COMPANY LIMITED																
Patents By Year of Grant:	3	1	1	0	0	0	0	1	0	0	0	0	0	1	0	7
Patents By Year of Application:	5	1	0	0	0	0	1	0	0	0	0	0	0	0	0	7
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:	4	1	1	0	1	0	0	0	0	0	0	0	0	0	0	7
Patents By Year of Application:	6	0	0	1	0	0	0	0	0	0	0	0	0	0	0	7
LOCKHEED MARTIN CORPORATION																
Patents By Year of Grant:	1	0	1	0	0	1	0	0	1	1	0	2	0	0	0	7
Patents By Year of Application:	2	1	2	0	0	0	1	0	0	1	0	0	0	0	0	7
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V																
Patents By Year of Grant:	4	0	1	0	1	0	0	1	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
MEDIATEK INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	4	0	2	1	7
Patents By Year of Application:	0	0	0	0	0	0	1	2	2	1	0	1	0	0	0	7
MITSUI CHEMICALS, INCORPORATED																
Patents By Year of Grant:	3	0	0	1	0	0	0	1	0	1	0	0	1	0	0	7
Patents By Year of Application:	3	1	1	0	0	1	1	0	0	0	0	0	0	0	0	7
MULTI-FORMAT, INC.																
Patents By Year of Grant:	0	0	1	0	1	0	0	0	0	0	0	1	4	0	0	7
Patents By Year of Application:	2	0	1	0	0	4	0	0	0	0	0	0	0	0	0	7
NATIONAL SEMICONDUCTOR CORPORATION																
Patents By Year of Grant:	1	0	0	0	0	0	1	0	2	0	1	0	0	0	2	7
Patents By Year of Application:	2	0	1	1	0	0	1	0	0	0	0	0	2	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	1	2	0	0	0	3	1	0	0	7
Patents By Year of Application:	1	0	2	0	0	0	0	0	3	1	0	0	0	0	0	7

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre															
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
SCHERING AKTIENGESELLSCHAFT																
Patents By Year of Grant:	0	0	1	2	1	0	0	0	2	0	1	0	0	0	0	7
Patents By Year of Application:	1	3	0	1	1	0	0	1	0	0	0	0	0	0	0	7
SMITHKLINE BEECHAM CORPORATION																
Patents By Year of Grant:	0	0	1	0	0	0	0	1	3	1	1	0	0	0	0	7
Patents By Year of Application:	2	0	0	1	0	2	1	0	1	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	0	0	1	0	0	0	1	7
Patents By Year of Application:	5	0	0	0	1	0	0	0	0	0	0	0	0	1	0	7
TDK CORPORATION																
Patents By Year of Grant:	2	0	0	0	0	1	0	0	0	1	2	1	0	0	0	7
Patents By Year of Application:	4	0	0	0	0	0	0	3	0	0	0	0	0	0	0	7
TORAY INDUSTRIES INC.																
Patents By Year of Grant:	5	0	0	0	0	0	0	1	0	1	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
TOYO BOSEKI KABUSHIKI KAISHA																
Patents By Year of Grant:	2	0	0	0	0	0	1	1	2	1	0	0	0	0	0	7
Patents By Year of Application:	4	0	1	0	0	2	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	0	0	3	2	2	7
Patents By Year of Application:	0	0	0	0	0	0	0	0	1	4	2	0	0	0	0	7
Transpacific Optics LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	5	2	0	7
Patents By Year of Application:	0	0	0	0	0	0	1	4	2	0	0	0	0	0	0	7
UNITED STATES OF AMERICA, DEPARTMENT OF ENERGY																
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
VERINT AMERICAS INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	2	0	4	0	7
Patents By Year of Application:	0	0	0	0	0	0	0	7	0	0	0	0	0	0	0	7

---- Organizational Patenting		(Granted: Jan 01, 1977 - Dec 31, 2013)										---- Ranked List of Organizations with 5 or More Patents					----	
	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL		
WACOM CO., LTD.																		
Patents By Year of Grant:	5	0	0	0	0	0	0	0	1	0	0	1	0	0	0	7		
Patents By Year of Application:	6	0	0	0	0	0	0	0	1	0	0	0	0	0	0	7		
WISCONSIN ALUMNI RESEARCH FOUNDATION																		
Patents By Year of Grant:	4	0	1	0	0	0	0	0	0	0	0	2	0	0	0	7		
Patents By Year of Application:	4	1	0	0	0	0	0	0	0	2	0	0	0	0	0	7		
Warsaw Orthopedic, Inc.																		
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	1	3	1	2	7		
Patents By Year of Application:	0	0	2	0	0	0	1	0	0	3	0	0	1	0	0	7		
658868 N.B. Inc.																		
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	6		
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	0	2	4	0	6		
ACQIS TECHNOLOGY, INC.																		
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	4	2	0	0	6		
Patents By Year of Application:	0	0	0	0	0	1	1	2	0	0	2	0	0	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	1	1	1	0	0	2	0	0	0	0	0	0	0	6		
Patents By Year of Application:	3	0	2	1	0	0	0	0	0	0	0	0	0	0	0	6		
ALPS ELECTRIC CO., LTD.																		
Patents By Year of Grant:	0	0	0	1	1	0	0	0	0	1	0	1	2	0	0	6		
Patents By Year of Application:	1	1	0	0	1	1	1	1	0	0	0	0	0	0	0	6		
AVENTIS PHARMACEUTICALS INC.																		
Patents By Year of Grant:	0	0	2	1	1	0	0	2	0	0	0	0	0	0	0	6		
Patents By Year of Application:	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	6		
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		

(Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

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Page B - 25

(Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

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---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
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	
SMITH INTERNATIONAL INC.																	
Patents By Year of Grant:	4	1	1	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	
SYMBOL TECHNOLOGIES, INC.																	
Patents By Year of Grant:	0	1	0	0	0	0	0	0	1	2	0	1	0	1	0	6	
Patents By Year of Application:	1	0	1	0	1	1	0	2	0	0	0	0	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	0	0	1	0	1	6	
Patents By Year of Application:	4	0	0	0	0	0	1	0	0	0	0	0	0	1	0	6	
UNIVERSITY OF SOUTHERN CALIFORNIA																	
Patents By Year of Grant:	1	0	0	1	0	0	1	0	0	0	0	0	2	0	1	6	
Patents By Year of Application:	2	0	1	0	0	0	1	0	1	0	0	1	0	0	0	6	
USX 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	
W. R. GRACE & CO.-CONN.																	
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	
WALKER DIGITAL, LLC																	
Patents By Year of Grant:	0	0	0	0	0	0	1	0	1	1	0	2	1	0	0	6	
Patents By Year of Application:	0	0	0	2	1	0	1	2	0	0	0	0	0	0	0	6	
WESTVACO 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	
ZENITH ELECTRONICS CORPORATION																	
Patents By Year of Grant:	4	1	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	
ACQIS LLC																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	5	
Patents By Year of Application:	0	0	0	0	0	0	0	1	0	0	1	0	1	2	0	5	

Page B - 29

(Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

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---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
ECOLAB INC.																
Patents By Year of Grant:	2	0	0	0	1	0	0	0	0	1	0	1	0	0	0	5
Patents By Year of Application:	2	0	1	0	1	0	0	1	0	0	0	0	0	0	0	5
ETHYL 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
FORD GLOBAL TECHNOLOGIES, INC.																
Patents By Year of Grant:	0	2	0	1	1	0	0	0	0	0	0	0	0	1	0	5
Patents By Year of Application:	3	0	1	0	0	0	0	0	1	0	0	0	0	0	0	5
Fujitsu Semiconductor Limited																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	2	1	0	2	5
Patents By Year of Application:	0	1	0	0	1	2	0	0	0	1	0	0	0	0	0	5
GlaxoSmithKline LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	3	0	1	1	5
Patents By Year of Application:	1	0	0	0	0	0	0	1	1	0	1	0	1	0	0	5
H. LUNDBECK A/S																
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	0	0	0	1	1	0	5
Patents By Year of Application:	3	0	0	0	0	0	0	0	1	0	0	1	0	0	0	5
HEIDELBERGER DRUCKMASCHINEN AG																
Patents By Year of Grant:	3	0	0	0	0	0	0	0	0	1	0	0	1	0	0	5
Patents By Year of Application:	3	0	0	0	0	1	0	1	0	0	0	0	0	0	0	5
IBIDEN CO., LTD.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	2	1	0	1	1	5
Patents By Year of Application:	3	0	0	0	0	2	0	0	0	0	0	0	0	0	0	5
ILLINOIS TOOL WORKS INC.																
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	0	0	0	0	1	0	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
Intellectual Ventures II LLC																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	5
Patents By Year of Application:	0	0	0	0	0	0	0	0	0	0	0	4	1	0	0	5

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
LAM RESEARCH CORPORATION																	
Patents By Year of Grant:	0	0	0	0	1	0	0	1	1	0	0	1	0	1	0	5	
Patents By Year of Application:	0	0	1	1	2	0	1	0	0	0	0	0	0	0	0	5	
LEVER BROTHERS COMPANY, DIVISION OF CONOPCO, INC.																	
Patents By Year of Grant:	3	1	0	1	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	
LEVITON MANUFACTURING CO. INC.																	
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	0	0	0	1	0	0	0	1	3	0	0	0	5	
LG Display Co., Ltd.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	0	1	1	1	2	0	5	
Patents By Year of Application:	0	0	0	0	1	1	1	0	1	0	1	0	0	0	0	5	
LUBRIZOL 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	
MATSUSHITA ELECTRIC WORKS, LTD.																	
Patents By Year of Grant:	3	0	0	0	0	0	1	0	1	0	0	0	0	0	0	5	
Patents By Year of Application:	4	0	0	1	0	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	2	0	0	3	0	0	5	
Patents By Year of Application:	0	2	0	0	0	0	0	0	0	1	2	0	0	0	0	5	
MEDRAD, INC.																	
Patents By Year of Grant:	0	1	1	1	0	0	0	0	0	0	0	0	2	0	0	5	
Patents By Year of Application:	1	2	0	0	0	0	0	0	0	2	0	0	0	0	0	5	
MICREL INCORPORATED																	
Patents By Year of Grant:	0	0	0	1	0	0	0	0	0	0	2	1	0	0	1	5	
Patents By Year of Application:	1	0	0	0	0	0	1	1	2	0	0	0	0	0	0	5	
MOLINS 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	
Mold-Masters (2007) Limited																	
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	2	1	2	0	0	0	5	
Patents By Year of Application:	0	0	0	0	0	0	0	2	1	1	1	0	0	0	0	5	

REISSUE PATENTS REPORT

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(Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

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---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre 2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL
SEGA ENTERPRISES, LTD.																
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
SOUTHWEST RESEARCH INSTITUTE																
Patents By Year of Grant:	1	0	0	1	0	0	0	0	1	2	0	0	0	0	0	5
Patents By Year of Application:	2	0	0	0	0	2	1	0	0	0	0	0	0	0	0	5
SRI INTERNATIONAL																
Patents By Year of Grant:	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5
Patents By Year of Application:	4	0	0	0	0	0	0	0	0	0	0	0	1	0	0	5
STERLING DRUG 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
SUNDSTRAND 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
TAYLOR MADE GOLF COMPANY, INC.																
Patents By Year of Grant:	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	5
Patents By Year of Application:	0	0	0	0	1	0	0	0	3	0	0	0	1	0	0	5
TEKTRONIX 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
TELEFLEX INCORPORATED																
Patents By Year of Grant:	2	2	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
TORO COMPANY																
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
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	1	0	0	1	0	0	0	1	0	0	1	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

---- Organizational Patenting (Granted: Jan 01, 1977 - Dec 31, 2013) ---- Ranked List of Organizations with 5 or More Patents ----

	Pre																
	2000	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	TOTAL	
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	1	1	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	
UNITED STATES SURGICAL CORPORATION																	
Patents By Year of Grant:	1	2	0	0	0	0	1	0	0	1	0	0	0	0	0	5	
Patents By Year of Application:	3	0	1	0	0	0	1	0	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	
VSL PHARMACEUTICALS INC.																	
Patents By Year of Grant:	0	0	0	0	0	0	0	1	2	1	0	1	0	0	0	5	
Patents By Year of Application:	2	0	0	0	0	0	1	2	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	0	0	5	0	0	5	
Patents By Year of Application:	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	5	
WHITAKER CORPORATION																	
Patents By Year of Grant:	2	0	0	1	0	0	0	1	0	0	1	0	0	0	0	5	
Patents By Year of Application:	2	2	0	1	0	0	0	0	0	0	0	0	0	0	0	5	
XILINX, INC.																	
Patents By Year of Grant:	3	0	1	0	0	0	0	0	0	1	0	0	0	0	0	5	
Patents By Year of Application:	3	1	1	0	0	0	0	0	0	0	0	0	0	0	0	5	
Other Organizations (5591)																	
Patents By Year of Grant:	3513	260	250	213	207	143	117	264	265	312	194	365	505	403	400	7411	
Patents By Year of Application:	4425	326	275	278	270	276	263	233	218	223	187	149	170	112	6	7411	