

PATENTING BY ORGANIZATIONS

(Utility Patents)

2015



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

Patenting By Organizations (Utility Patents) 2015

This report, prepared from the Technology Assessment and Forecast (TAF) database, profiles utility patents (i.e., patents for inventions) granted during **calendar year 2015**.

Part A1

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

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

Part B1

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

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

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

Patenting By The U.S. Government 2015

In **calendar year 2015**, the U.S. Government received **991** utility patents.

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

Part A1

(Patent Grants as Distributed By Year of Patent Grant)

Number of Utility Patents Granted By Year Of Patent Grant
 (Granted: Jan 01, 2015 - Dec 31, 2015)

<u>COUNTRY OF ORIGIN</u>	<u>2015</u>	<u>Total</u>
Total	298407	298407
U.S. Origin	140969	140969
Foreign Origin	157438	157438
JAPAN	52409	52409
KOREA, SOUTH	17924	17924
GERMANY	16549	16549
TAIWAN	11690	11690
CHINA, PEOPLE'S REPUB	8116	8116
CANADA	6802	6802
FRANCE	6565	6565
UNITED KINGDOM	6417	6417
ISRAEL	3628	3628
INDIA	3355	3355
ITALY	2645	2645
SWEDEN	2633	2633
SWITZERLAND	2553	2553
NETHERLANDS	2399	2399
AUSTRALIA	1627	1627
FINLAND	1376	1376
AUSTRIA	1156	1156
BELGIUM	1133	1133
DENMARK	1012	1012
SINGAPORE	966	966
SPAIN	818	818
NORWAY	625	625
CHINA, HONG KONG S.A.	601	601
IRELAND	473	473
RUSSIAN FEDERATION	440	440
SAUDI ARABIA	360	360
BRAZIL	323	323
NEW ZEALAND	268	268
MALAYSIA	256	256
POLAND	200	200
CZECH REPUBLIC	191	191
MEXICO	172	172
SOUTH AFRICA	166	166
HUNGARY	143	143
TURKEY	116	116
THAILAND	89	89
Others (88)	1242	1242
Ownership:		
U.S. Corporations	133434	133434
U.S. Government	991	991
U.S. Individuals	13643	13643
Foreign Corporations	144719	144719
Foreign Government	364	364
Foreign Individuals	5256	5256

Percent of Utility Patents Granted By Year Of Patent Grant
 (Granted: Jan 01, 2015 - Dec 31, 2015)

<u>COUNTRY OF ORIGIN</u>	<u>2015</u>	<u>Total</u>
Total	100	100
U.S. Origin	47	47
Foreign Origin	53	53
JAPAN	18	18
KOREA, SOUTH	6	6
GERMANY	6	6
TAIWAN	4	4
CHINA, PEOPLE'S REPUB	3	3
CANADA	2	2
FRANCE	2	2
UNITED KINGDOM	2	2
ISRAEL	1	1
INDIA	1	1
ITALY	1	1
SWEDEN	1	1
SWITZERLAND	1	1
NETHERLANDS	1	1
AUSTRALIA	1	1
FINLAND		0
AUSTRIA		0
BELGIUM		0
DENMARK		0
SINGAPORE		0
SPAIN		0
NORWAY		0
CHINA, HONG KONG S.A.		0
IRELAND		0
RUSSIAN FEDERATION		0
SAUDI ARABIA		0
BRAZIL		0
NEW ZEALAND		0
MALAYSIA		0
POLAND		0
CZECH REPUBLIC		0
MEXICO		0
SOUTH AFRICA		0
HUNGARY		0
TURKEY		0
THAILAND		0
Others (88)		0
Ownership:		
U.S. Corporations	45	45
U.S. Government		0
U.S. Individuals	5	5
Foreign Corporations	48	48
Foreign Government		0
Foreign Individuals	2	2

Part B1

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

Organizational Patenting (Granted: Jan 01, 2015 - Dec 31, 2015)
Ranked List of Organizations with 40 or More Utility Patents Received in CY 2015

<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
INTERNATIONAL BUSINESS MACHINES CORPORATION Patents By Year of Grant:	7309	7309
SAMSUNG ELECTRONICS CO., LTD. Patents By Year of Grant:	5059	5059
CANON KABUSHIKI KAISHA Patents By Year of Grant:	4127	4127
QUALCOMM, INC. Patents By Year of Grant:	2900	2900
GOOGLE, INC. Patents By Year of Grant:	2835	2835
TOSHIBA CORPORATION Patents By Year of Grant:	2582	2582
SONY CORPORATION Patents By Year of Grant:	2448	2448
LG ELECTRONICS INC. Patents By Year of Grant:	2241	2241
INTEL CORPORATION Patents By Year of Grant:	2046	2046
Microsoft Technology Licensing, LLC. Patents By Year of Grant:	1955	1955
Apple, Inc. Patents By Year of Grant:	1937	1937
Samsung Display Co., Ltd. Patents By Year of Grant:	1825	1825
TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD. Patents By Year of Grant:	1758	1758
GENERAL ELECTRIC COMPANY Patents By Year of Grant:	1756	1756
RICOH COMPANY, LTD. Patents By Year of Grant:	1618	1618
SEIKO EPSON CORPORATION Patents By Year of Grant:	1618	1618
Panasonic Intellectual Property Management Co., Ltd. Patents By Year of Grant:	1474	1474
TOYOTA JIDOSHA K.K. Patents By Year of Grant:	1463	1463
FUJITSU LIMITED Patents By Year of Grant:	1455	1455
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL.) Patents By Year of Grant:	1406	1406
GM Global Technology Operations LLC Patents By Year of Grant:	1309	1309
HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P. Patents By Year of Grant:	1304	1304

Organizational Patenting (Granted: Jan 01, 2015 - Dec 31, 2015)
Ranked List of Organizations with 40 or More Utility Patents Received in CY 2015

<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
BROTHER KOGYO KABUSHIKI KAISHA Patents By Year of Grant:	1187	1187
FORD GLOBAL TECHNOLOGIES, L.L.C. Patents By Year of Grant:	1184	1184
Amazon Technologies, Inc. Patents By Year of Grant:	1136	1136
SEMICONDUCTOR ENERGY LABORATORY CO., LTD. Patents By Year of Grant:	1129	1129
BROADCOM CORPORATION Patents By Year of Grant:	1086	1086
BlackBerry Limited Patents By Year of Grant:	1069	1069
ROBERT BOSCH GMBH Patents By Year of Grant:	1016	1016
SIEMENS AKTIENGESELLSCHAFT Patents By Year of Grant:	1001	1001
BOEING COMPANY Patents By Year of Grant:	974	974
HONDA GIKEN KOGYO KABUSHIKI KAISHA (HONDA MOTOR CO., LTD.) Patents By Year of Grant:	974	974
SHARP KABUSHIKI KAISHA (SHARP CORPORATION) Patents By Year of Grant:	969	969
MICRON TECHNOLOGY, INC. Patents By Year of Grant:	961	961
CISCO TECHNOLOGY, INC. Patents By Year of Grant:	959	959
KONINKLIJKE PHILIPS N.V. Patents By Year of Grant:	923	923
MITSUBISHI DENKI KABUSHIKI KAISHA Patents By Year of Grant:	890	890
AT& T Intellectual Property I, L.P. Patents By Year of Grant:	872	872
SK Hynix Inc. Patents By Year of Grant:	852	852
XEROX CORPORATION Patents By Year of Grant:	808	808
TEXAS INSTRUMENTS, INCORPORATED Patents By Year of Grant:	806	806
ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE Patents By Year of Grant:	800	800
HUAWEI TECHNOLOGIES CO., LTD. Patents By Year of Grant:	799	799
NEC CORPORATION Patents By Year of Grant:	773	773

Organizational Patenting (Granted: Jan 01, 2015 - Dec 31, 2015)
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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
Fujifilm Corporation Patents By Year of Grant:	748	748
HONEYWELL INTERNATIONAL INC. Patents By Year of Grant:	746	746
Covidien LP Patents By Year of Grant:	745	745
HYUNDAI MOTOR COMPANY Patents By Year of Grant:	742	742
Alcatel Lucent Patents By Year of Grant:	716	716
DENSO CORPORATION Patents By Year of Grant:	704	704
FREESCALE SEMICONDUCTOR, INC. Patents By Year of Grant:	681	681
KYOCERA Document Solutions Inc. Patents By Year of Grant:	678	678
EMC CORPORATION Patents By Year of Grant:	668	668
VERIZON PATENT AND LICENSING, INC. Patents By Year of Grant:	650	650
HITACHI, LTD Patents By Year of Grant:	649	649
LG Display Co., Ltd. Patents By Year of Grant:	631	631
ORACLE INTERNATIONAL CORPORATION Patents By Year of Grant:	614	614
FUJI XEROX CO., LTD. Patents By Year of Grant:	611	611
Renesas Electronics Corp. Patents By Year of Grant:	595	595
INFINEON TECHNOLOGIES AG Patents By Year of Grant:	586	586
GLOBALFOUNDRIES Inc. Patents By Year of Grant:	575	575
HON HAI PRECISION IND. CO., LTD. Patents By Year of Grant:	573	573
MARVELL INTERNATIONAL LTD. Patents By Year of Grant:	573	573
SAP AKTIENGESELLSCHAFT Patents By Year of Grant:	572	572
SAMSUNG SDI CO., LTD. Patents By Year of Grant:	563	563
BASF SE Patents By Year of Grant:	536	536

Organizational Patenting (Granted: Jan 01, 2015 - Dec 31, 2015)
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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
LG CHEM, LTD. Patents By Year of Grant:	515	515
SEAGATE TECHNOLOGY, LLC Patents By Year of Grant:	498	498
SHENZHEN CHINA STAR OPTOELECTRONICS TECHNOLOGY CO., LTD. Patents By Year of Grant:	496	496
SAMSUNG ELECTRO-MECHANICS CO., LTD. Patents By Year of Grant:	495	495
UNIVERSITY OF CALIFORNIA, THE REGENTS OF Patents By Year of Grant:	489	489
BAKER HUGHES INCORPORATED Patents By Year of Grant:	483	483
CATERPILLAR INC. Patents By Year of Grant:	480	480
3M INNOVATIVE PROPERTIES COMPANY Patents By Year of Grant:	468	468
HALLIBURTON ENERGY SERVICES, INC. Patents By Year of Grant:	464	464
Panasonic Intellectual Property Corporation of America Patents By Year of Grant:	458	458
SCHLUMBERGER TECHNOLOGY CORPORATION Patents By Year of Grant:	454	454
MICROSOFT CORPORATION Patents By Year of Grant:	453	453
MONSANTO TECHNOLOGY, LLC Patents By Year of Grant:	444	444
UNITED TECHNOLOGIES CORPORATION Patents By Year of Grant:	438	438
INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE, TAIWAN Patents By Year of Grant:	423	423
SYMANTEC CORPORATION Patents By Year of Grant:	421	421
APPLIED MATERIALS, INC. Patents By Year of Grant:	420	420
ZTE CORPORATION Patents By Year of Grant:	416	416
OLYMPUS CORPORATION Patents By Year of Grant:	407	407
COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES Patents By Year of Grant:	405	405
KYOCERA CORPORATION Patents By Year of Grant:	400	400
Nokia Technologies Oy Patents By Year of Grant:	400	400

Organizational Patenting (Granted: Jan 01, 2015 - Dec 31, 2015)
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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
PROCTER + GAMBLE COMPANY Patents By Year of Grant:	391	391
YAZAKI CORP. Patents By Year of Grant:	388	388
PIONEER HI-BRED INTERNATIONAL, INC. Patents By Year of Grant:	383	383
TOKYO ELECTRON LIMITED Patents By Year of Grant:	379	379
MURATA MANUFACTURING CO., LTD. Patents By Year of Grant:	376	376
LG INNOTEK CO., LTD Patents By Year of Grant:	375	375
FACEBOOK, INC. Patents By Year of Grant:	374	374
JAPAN DISPLAY INC. Patents By Year of Grant:	372	372
WISTRON CORPORATION Patents By Year of Grant:	369	369
UNITED STATES OF AMERICA, NAVY Patents By Year of Grant:	362	362
Konica Minolta, Inc. Patents By Year of Grant:	361	361
Google Technology Holdings LLC Patents By Year of Grant:	360	360
DELL PRODUCTS, L.P. Patents By Year of Grant:	356	356
SanDisk Technologies Inc. Patents By Year of Grant:	356	356
MEDTRONIC INC. Patents By Year of Grant:	351	351
FUTUREWEI TECHNOLOGIES, INC. Patents By Year of Grant:	335	335
NIKE, INC. Patents By Year of Grant:	330	330
NVIDIA CORPORATION Patents By Year of Grant:	325	325
MARVELL WORLD TRADE LTD. Patents By Year of Grant:	321	321
ADOBE SYSTEMS INCORPORATED Patents By Year of Grant:	319	319
RAYTHEON COMPANY Patents By Year of Grant:	316	316
THOMSON LICENSING S.A. Patents By Year of Grant:	315	315

Organizational Patenting (Granted: Jan 01, 2015 - Dec 31, 2015)
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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
Dow Global Technologies LLC Patents By Year of Grant:	312	312
SPRINT COMMUNICATIONS COMPANY L.P. Patents By Year of Grant:	311	311
AU OPTRONICS CORP. Patents By Year of Grant:	309	309
Avago Technologies General IP (Singapore) Pte. Ltd. Patents By Year of Grant:	303	303
WESTERN DIGITAL TECHNOLOGIES, INC. Patents By Year of Grant:	297	297
Empire Technology Development LLC Patents By Year of Grant:	294	294
E. I. DU PONT DE NEMOURS AND COMPANY Patents By Year of Grant:	291	291
Panasonic Corporation Patents By Year of Grant:	286	286
NXP B.V. Patents By Year of Grant:	284	284
MASSACHUSETTS INSTITUTE OF TECHNOLOGY Patents By Year of Grant:	278	278
NISSAN MOTOR COMPANY, LIMITED Patents By Year of Grant:	278	278
BOE TECHNOLOGY GROUP CO., LTD. Patents By Year of Grant:	276	276
SUMITOMO ELECTRIC INDUSTRIES, LTD. Patents By Year of Grant:	276	276
ALTERA CORPORATION Patents By Year of Grant:	275	275
CORNING INCORPORATED Patents By Year of Grant:	272	272
NOKIA CORPORATION Patents By Year of Grant:	272	272
DePuy Synthes Products, LLC. Patents By Year of Grant:	268	268
HAMILTON SUNDSTRAND CORPORATION Patents By Year of Grant:	263	263
JUNIPER NETWORKS, INC. Patents By Year of Grant:	259	259
RED HAT, INC. Patents By Year of Grant:	254	254
UNITED MICROELECTRONICS CORPORATION Patents By Year of Grant:	252	252
BOSTON SCIENTIFIC SCIMED, INC. Patents By Year of Grant:	250	250

Organizational Patenting (Granted: Jan 01, 2015 - Dec 31, 2015)
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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
NIKON CORPORATION		
Patents By Year of Grant:	249	249
Schaeffler Technologies AG & Co. KG		
Patents By Year of Grant:	249	249
HTC CORPORATION		
Patents By Year of Grant:	248	248
MEDIATEK INC.		
Patents By Year of Grant:	248	248
EASTMAN KODAK COMPANY		
Patents By Year of Grant:	243	243
STMICROELECTRONICS S.R.L.		
Patents By Year of Grant:	242	242
YAHOO, INC.		
Patents By Year of Grant:	240	240
ROHM CO., LTD.		
Patents By Year of Grant:	239	239
UOP		
Patents By Year of Grant:	239	239
INTERNATIONAL GAME TECHNOLOGY (IGT)		
Patents By Year of Grant:	238	238
MITSUBISHI HEAVY INDUSTRIES, LTD.		
Patents By Year of Grant:	237	237
AVAYA INC.		
Patents By Year of Grant:	234	234
HITACHI GLOBAL STORAGE TECHNOLOGIES NETHERLANDS B.V.		
Patents By Year of Grant:	233	233
BANK OF AMERICA CORPORATION		
Patents By Year of Grant:	231	231
MACRONIX INTERNATIONAL CO., LTD.		
Patents By Year of Grant:	231	231
Lenovo Enterprise Solutions (Singapore) Pte. Ltd.		
Patents By Year of Grant:	230	230
Bayer Intellectual Property GmbH		
Patents By Year of Grant:	228	228
ASML NETHERLANDS B.V.		
Patents By Year of Grant:	226	226
VMWARE, INC.		
Patents By Year of Grant:	226	226
AIRBUS OPERATIONS GMBH		
Patents By Year of Grant:	225	225
SHIN ETSU CHEMICAL CO., LTD.		
Patents By Year of Grant:	225	225
NOVARTIS AG (FORMERLY SANDOZ LTD.)		
Patents By Year of Grant:	224	224

Organizational Patenting (Granted: Jan 01, 2015 - Dec 31, 2015)
Ranked List of Organizations with 40 or More Utility Patents Received in CY 2015

<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
ILLINOIS TOOL WORKS INC. Patents By Year of Grant:	222	222
LOCKHEED MARTIN CORPORATION Patents By Year of Grant:	220	220
NTT DOCOMO, INC. Patents By Year of Grant:	215	215
Cook Medical Technologies LLC Patents By Year of Grant:	212	212
CASIO COMPUTER CO. LTD. Patents By Year of Grant:	209	209
DISNEY ENTERPRISES, INC. Patents By Year of Grant:	209	209
HITACHI HIGH-TECHNOLOGIES CORPORATION Patents By Year of Grant:	208	208
Hong Fu Jin Precision Industry (Shenzhen) Co., Ltd. Patents By Year of Grant:	208	208
AT& T Mobility II LLC Patents By Year of Grant:	205	205
STANFORD UNIVERSITY Patents By Year of Grant:	205	205
BRIDGESTONE CORPORATION Patents By Year of Grant:	204	204
NITTO DENKO CORPORATION Patents By Year of Grant:	203	203
Airbus Operations S.A.S. Patents By Year of Grant:	200	200
FUJI ELECTRIC CO., LTD. Patents By Year of Grant:	199	199
MERCK PATENT GESELLSCHAFT MIT BESCHRANKTER HAFTUNG Patents By Year of Grant:	199	199
CREE, INC. Patents By Year of Grant:	198	198
DEERE + COMPANY Patents By Year of Grant:	195	195
ETHICON ENDO-SURGERY, INC. Patents By Year of Grant:	195	195
WHIRLPOOL CORPORATION Patents By Year of Grant:	194	194
ADVANCED MICRO DEVICES, INC. Patents By Year of Grant:	193	193
CARDIAC PACEMAKERS, INC. Patents By Year of Grant:	192	192
SPRINT SPECTRUM L.P. Patents By Year of Grant:	192	192

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
SALESFORCE.COM, INC. Patents By Year of Grant:	191	191
UNIVERSITY OF TEXAS Patents By Year of Grant:	191	191
FRAUNHOFER-GESELLSCHAFT ZUR FOERDERUNG DER ANGEWANDTEN FORSCHUNG E.V. Patents By Year of Grant:	189	189
SHELL OIL COMPANY Patents By Year of Grant:	184	184
TSINGHUA UNIVERSITY Patents By Year of Grant:	184	184
CALIFORNIA INSTITUTE OF TECHNOLOGY Patents By Year of Grant:	183	183
HITACHI AUTOMOTIVE SYSTEMS, LTD. Patents By Year of Grant:	183	183
INTERMOLECULAR INC. Patents By Year of Grant:	180	180
SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC Patents By Year of Grant:	180	180
AISIN SEIKI KABUSHIKI KAISHA Patents By Year of Grant:	179	179
ALSTOM TECHNOLOGY LTD Patents By Year of Grant:	179	179
EBAY INC. Patents By Year of Grant:	178	178
ELWHA LLC Patents By Year of Grant:	176	176
JTEKT Corporation Patents By Year of Grant:	175	175
NINTENDO CO., LTD. Patents By Year of Grant:	175	175
SUMITOMO CHEMICAL COMPANY, LIMITED Patents By Year of Grant:	175	175
CITRIX SYSTEMS, INC. Patents By Year of Grant:	173	173
PS4 Luxco S.A.R.L. Patents By Year of Grant:	173	173
Toyota Motor Engineering & Manufacturing North America, Inc. Patents By Year of Grant:	173	173
OKIDATA CORPORATION Patents By Year of Grant:	172	172
SOCIETE NATIONALE D'ETUDE ET DE CONSTRUCTION DE MOTEURS D'AVIATION "S.N.E.C.M.A." Patents By Year of Grant:	172	172
ROLLS-ROYCE PLC Patents By Year of Grant:	170	170

Organizational Patenting (Granted: Jan 01, 2015 - Dec 31, 2015)
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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
XILINX, INC.		
Patents By Year of Grant:	169	169
ZF FRIEDRICHSHAFEN, AG		
Patents By Year of Grant:	169	169
EATON CORPORATION		
Patents By Year of Grant:	168	168
Nokia Solutions and Networks Oy		
Patents By Year of Grant:	167	167
CHEVRON U.S.A. INC.		
Patents By Year of Grant:	166	166
DELTA ELECTRONICS INC.		
Patents By Year of Grant:	166	166
Invention Science Fund I, LLC		
Patents By Year of Grant:	166	166
RAMBUS, INC.		
Patents By Year of Grant:	165	165
KOMATSU LTD.		
Patents By Year of Grant:	163	163
INFINEON TECHNOLOGIES AUSTRIA AG		
Patents By Year of Grant:	162	162
NetApp, Inc.		
Patents By Year of Grant:	162	162
THALES		
Patents By Year of Grant:	162	162
UNITED STATES OF AMERICA, ARMY		
Patents By Year of Grant:	162	162
TYCO ELECTRONICS CORPORATION		
Patents By Year of Grant:	161	161
WISCONSIN ALUMNI RESEARCH FOUNDATION		
Patents By Year of Grant:	161	161
AKTIEBOLAGET SKF		
Patents By Year of Grant:	160	160
ROCKWELL AUTOMATION TECHNOLOGIES, INC.		
Patents By Year of Grant:	160	160
CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE - CNRS		
Patents By Year of Grant:	158	158
TDK CORPORATION		
Patents By Year of Grant:	157	157
Nippon Steel & Sumitomo Metal Corporation		
Patents By Year of Grant:	156	156
STATS CHIPPAK LTD.		
Patents By Year of Grant:	156	156
OSRAM OPTO SEMICONDUCTORS GMBH		
Patents By Year of Grant:	154	154

Organizational Patenting (Granted: Jan 01, 2015 - Dec 31, 2015)
Ranked List of Organizations with 40 or More Utility Patents Received in CY 2015

<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
CELLCO PARTNERSHIP		
Patents By Year of Grant:	153	153
UNITED STATES OF AMERICA, DEPARTMENT OF HEALTH & HUMAN SERVICES		
Patents By Year of Grant:	152	152
LSI CORPORATION		
Patents By Year of Grant:	151	151
Warsaw Orthopedic, Inc.		
Patents By Year of Grant:	151	151
ROCKWELL COLLINS, INC.		
Patents By Year of Grant:	150	150
L'OREAL S.A.		
Patents By Year of Grant:	149	149
NUANCE COMMUNICATIONS, INC.		
Patents By Year of Grant:	147	147
CONTINENTAL AUTOMOTIVE GMBH		
Patents By Year of Grant:	146	146
ANALOG DEVICES, INC.		
Patents By Year of Grant:	144	144
MAXIM INTEGRATED PRODUCTS, INC.		
Patents By Year of Grant:	144	144
Abbott Cardiovascular Systems, Inc.		
Patents By Year of Grant:	143	143
CNH Industrial America LLC		
Patents By Year of Grant:	143	143
CYPRESS SEMICONDUCTOR CORP.		
Patents By Year of Grant:	143	143
EXXONMOBIL CHEMICAL PATENTS INC.		
Patents By Year of Grant:	143	143
JOHNS HOPKINS UNIVERSITY		
Patents By Year of Grant:	143	143
MERCK SHARP & DOHME CORP.		
Patents By Year of Grant:	143	143
AUDI AG		
Patents By Year of Grant:	142	142
BOEHRINGER INGELHEIM INTERNATIONAL GMBH		
Patents By Year of Grant:	142	142
AT& T Intellectual Property II, L.P.		
Patents By Year of Grant:	140	140
KLA-TENCOR CORPORATION		
Patents By Year of Grant:	140	140
LAM RESEARCH CORPORATION		
Patents By Year of Grant:	140	140
SYNGENTA PARTICIPATIONS AG		
Patents By Year of Grant:	140	140

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
BALLY GAMING, INC. Patents By Year of Grant:	139	139
CADENCE DESIGN SYSTEMS, INC. Patents By Year of Grant:	139	139
Motorola Solutions, Inc. Patents By Year of Grant:	139	139
REALTEK SEMICONDUCTOR CORPORATION Patents By Year of Grant:	138	138
DAIKIN INDUSTRIES LIMITED Patents By Year of Grant:	137	137
ALLERGAN, INC. Patents By Year of Grant:	136	136
CA, INC. Patents By Year of Grant:	136	136
DOW AGROSCIENCES LLC Patents By Year of Grant:	135	135
ARM LIMITED Patents By Year of Grant:	134	134
TORAY INDUSTRIES INC. Patents By Year of Grant:	134	134
ABB TECHNOLOGY AG Patents By Year of Grant:	131	131
Cleversafe, Inc. Patents By Year of Grant:	131	131
HITACHI METALS LTD. Patents By Year of Grant:	130	130
AbbVie Inc. Patents By Year of Grant:	129	129
Boston Scientific Neuromodulation Corporation Patents By Year of Grant:	129	129
HARRIS CORP. Patents By Year of Grant:	129	129
HUAWEI DEVICE CO., LTD. Patents By Year of Grant:	129	129
KONICA MINOLTA BUSINESS TECHNOLOGIES, INC. Patents By Year of Grant:	129	129
NGK INSULATORS LTD. Patents By Year of Grant:	129	129
ATMEL CORPORATION Patents By Year of Grant:	128	128
NTN CORPORATION Patents By Year of Grant:	128	128
UNI-CHARM CORPORATION Patents By Year of Grant:	128	128

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED		
Patents By Year of Grant:	127	127
The Nielsen Company (U.S.), L.L.C.		
Patents By Year of Grant:	127	127
PALO ALTO RESEARCH CENTER INCORPORATED		
Patents By Year of Grant:	126	126
Intel Mobile Communications GmbH		
Patents By Year of Grant:	125	125
SUMITOMO RUBBER INDUSTRIES, LTD.		
Patents By Year of Grant:	124	124
OMRON CORPORATION		
Patents By Year of Grant:	123	123
MSTAR SEMICONDUCTOR, INC.		
Patents By Year of Grant:	122	122
Siemens Energy, Inc.		
Patents By Year of Grant:	122	122
KABUSHIKI KAISHA KOBE SEIKO SHO (KOBE STEEL, LTD.)		
Patents By Year of Grant:	121	121
YAMAHA HATSUDOKI KABUSHIKI KAISHA, YAMAHA MOTOR CO., LTD.		
Patents By Year of Grant:	121	121
COOPER TECHNOLOGIES COMPANY		
Patents By Year of Grant:	120	120
DOLBY LABORATORIES LICENSING CORPORATION		
Patents By Year of Grant:	120	120
KABUSHIKI KAISHA YASKAWA DENKI		
Patents By Year of Grant:	120	120
COLUMBIA UNIVERSITY		
Patents By Year of Grant:	119	119
Rovi Guides, Inc.		
Patents By Year of Grant:	119	119
SAUDI ARABIAN OIL COMPANY		
Patents By Year of Grant:	119	119
Evonik Degussa GmbH		
Patents By Year of Grant:	118	118
NESTEC, S.A.		
Patents By Year of Grant:	118	118
SABIC Global Technologies B.V.		
Patents By Year of Grant:	118	118
CARL ZEISS SMT GMBH		
Patents By Year of Grant:	117	117
CenturyLink Intellectual Property LLC		
Patents By Year of Grant:	117	117
DSM IP ASSETS B.V.		
Patents By Year of Grant:	117	117

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
Fu Tai Hua Industry (Shenzhen) Co., Ltd.		
Patents By Year of Grant:	117	117
UNIVERSITY OF MICHIGAN		
Patents By Year of Grant:	117	117
ACUSHNET COMPANY		
Patents By Year of Grant:	116	116
ECHOSTAR TECHNOLOGIES L.L.C.		
Patents By Year of Grant:	116	116
SYNOPSIS INC.		
Patents By Year of Grant:	116	116
Joled, Inc.		
Patents By Year of Grant:	115	115
KAO KABUSHIKI KAISHA (KAO CORPORATION)		
Patents By Year of Grant:	115	115
Accenture Global Services Limited		
Patents By Year of Grant:	114	114
BECTON, DICKINSON AND COMPANY		
Patents By Year of Grant:	114	114
BOSCH SIEMENS HAUSGERATE GMBH		
Patents By Year of Grant:	114	114
CHEIL INDUSTRIES, INC.		
Patents By Year of Grant:	114	114
LSIS CO., LTD.		
Patents By Year of Grant:	114	114
SHIMANO INC.		
Patents By Year of Grant:	114	114
TAIYO YUDEN CO., LTD.		
Patents By Year of Grant:	114	114
COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN		
Patents By Year of Grant:	113	113
Sanofi-Aventis Deutschland GmbH		
Patents By Year of Grant:	113	113
DAI NIPPON PRINTING CO. LTD		
Patents By Year of Grant:	112	112
KAWASAKI JUKOGYO KABUSHIKI KAISHA		
Patents By Year of Grant:	112	112
NGK SPARK PLUG CO., LTD.		
Patents By Year of Grant:	112	112
OSRAM GMBH		
Patents By Year of Grant:	112	112
BAE SYSTEMS INFORMATION AND ELECTRONIC SYSTEMS INTEGRATION, INC.		
Patents By Year of Grant:	111	111
INTERDIGITAL PATENT HOLDINGS, INC.		
Patents By Year of Grant:	111	111

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
KRONES AG		
Patents By Year of Grant:	111	111
NEC LABORATORIES AMERICA, INC.		
Patents By Year of Grant:	111	111
Intuitive Surgical Operations, Inc.		
Patents By Year of Grant:	110	110
KIMBERLY-CLARK WORLDWIDE, INC.		
Patents By Year of Grant:	108	108
SANDIA CORPORATION		
Patents By Year of Grant:	108	108
THE MATH WORKS, INC.		
Patents By Year of Grant:	108	108
ECOLAB USA INC.		
Patents By Year of Grant:	107	107
SUMITOMO WIRING SYSTEMS, LTD.		
Patents By Year of Grant:	107	107
TOYODA GOSEI KABUSHIKI KAISHA		
Patents By Year of Grant:	107	107
Z124		
Patents By Year of Grant:	107	107
AISIN AW CO., LTD.		
Patents By Year of Grant:	106	106
HARVARD COLLEGE, PRESIDENT AND FELLOWS		
Patents By Year of Grant:	106	106
UNITED STATES OF AMERICA, NATIONAL AERONAUTICS AND SPACE ADMINISTRATION		
Patents By Year of Grant:	106	106
FANUC CORPORATION		
Patents By Year of Grant:	105	105
KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY		
Patents By Year of Grant:	105	105
NOVATEK MICROELECTRONICS CORP.		
Patents By Year of Grant:	105	105
PORSCHE AG		
Patents By Year of Grant:	105	105
RF MICRO DEVICES, INC.		
Patents By Year of Grant:	105	105
SEIKO INSTRUMENTS INC.		
Patents By Year of Grant:	105	105
ST-Ericsson SA		
Patents By Year of Grant:	105	105
Fujitsu Semiconductor Limited		
Patents By Year of Grant:	104	104
HITACHI KOKUSAI ELECTRIC INC.		
Patents By Year of Grant:	104	104

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS		
Patents By Year of Grant:	104	104
Linkedin Corporation		
Patents By Year of Grant:	104	104
SYMBOL TECHNOLOGIES, INC.		
Patents By Year of Grant:	104	104
UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED		
Patents By Year of Grant:	104	104
HRL LABORATORIES, LLC		
Patents By Year of Grant:	103	103
SMITH & NEPHEW, INC.		
Patents By Year of Grant:	103	103
WMS GAMING, INC.		
Patents By Year of Grant:	103	103
BOSE CORPORATION		
Patents By Year of Grant:	102	102
EXXONMOBIL RESEARCH AND ENGINEERING COMPANY		
Patents By Year of Grant:	102	102
LENOVO (SINGAPORE) PTE LTD		
Patents By Year of Grant:	102	102
Life Technologies Corporation		
Patents By Year of Grant:	102	102
OLYMPUS MEDICAL SYSTEMS CORP.		
Patents By Year of Grant:	102	102
STMICROELECTRONICS, INC.		
Patents By Year of Grant:	102	102
YAMAHA CORPORATION		
Patents By Year of Grant:	102	102
GLOBUS MEDICAL INC.		
Patents By Year of Grant:	101	101
NATIONAL TSING HUA UNIVERSITY		
Patents By Year of Grant:	101	101
PURDUE RESEARCH FOUNDATION		
Patents By Year of Grant:	101	101
TOSHIBA TEC KABUSHIKI KAISHA		
Patents By Year of Grant:	101	101
JOHNSON CONTROLS TECHNOLOGY COMPANY		
Patents By Year of Grant:	100	100
MANDO CORPORATION		
Patents By Year of Grant:	100	100
COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH		
Patents By Year of Grant:	99	99
MCAFEE, INC.		
Patents By Year of Grant:	99	99

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
SUZUKI MOTOR CORPORATION		
Patents By Year of Grant:	99	99
MAKITA CORPORATION		
Patents By Year of Grant:	98	98
SHIMADZU CORPORATION		
Patents By Year of Grant:	98	98
Western Digital (Fremont), LLC		
Patents By Year of Grant:	98	98
HAMAMATSU PHOTONICS KABUSHIKI KAISHA		
Patents By Year of Grant:	97	97
ADC TELECOMMUNICATIONS, INC.		
Patents By Year of Grant:	96	96
Daimler AG		
Patents By Year of Grant:	96	96
Flextronics AP, LLC		
Patents By Year of Grant:	96	96
GLOBALFOUNDRIES SINGAPORE PTE. LTD.		
Patents By Year of Grant:	96	96
IDEMITSU KOSAN COMPANY LIMITED		
Patents By Year of Grant:	96	96
Open Invention Network, LLC		
Patents By Year of Grant:	96	96
TOYODA JIDOSHOKKI SEISAKUSHO KABUSHIKI KAISHA		
Patents By Year of Grant:	96	96
UNIVERSITY OF ILLINOIS		
Patents By Year of Grant:	95	95
BAYERISCHE MOTOREN WERKE AG		
Patents By Year of Grant:	94	94
COMCAST CABLE COMMUNICATIONS, LLC		
Patents By Year of Grant:	94	94
ROCHE DIAGNOSTICS OPERATIONS, INC.		
Patents By Year of Grant:	94	94
SIEMENS MEDICAL SOLUTIONS USA, INC.		
Patents By Year of Grant:	94	94
AGENCY FOR SCIENCE, TECHNOLOGY AND RESEARCH		
Patents By Year of Grant:	93	93
FURUKAWA ELECTRIC CO., LTD.		
Patents By Year of Grant:	93	93
NSK LTD.		
Patents By Year of Grant:	93	93
SILICON LABORATORIES INC.		
Patents By Year of Grant:	93	93
UNIVERSITY OF PENNSYLVANIA		
Patents By Year of Grant:	93	93

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
UNIVERSITY OF WASHINGTON Patents By Year of Grant:	93	93
ACER INCORPORATED Patents By Year of Grant:	92	92
BAXTER INTERNATIONAL INC. Patents By Year of Grant:	92	92
JANSSEN PHARMACEUTICA N.V. Patents By Year of Grant:	92	92
LEXMARK INTERNATIONAL, INC. Patents By Year of Grant:	92	92
DELPHI TECHNOLOGIES, INC. Patents By Year of Grant:	91	91
FUJI JUKOGYO KABUSHIKI KAISHA Patents By Year of Grant:	90	90
GOODYEAR TIRE + RUBBER COMPANY Patents By Year of Grant:	90	90
Innolux Corporation Patents By Year of Grant:	90	90
Lawrence Livermore National Security, LLC Patents By Year of Grant:	90	90
NCR CORPORATION Patents By Year of Grant:	90	90
NICHIA CORPORATION Patents By Year of Grant:	90	90
TATA CONSULTANCY SERVICES LTD. Patents By Year of Grant:	90	90
Cameron International Corporation Patents By Year of Grant:	89	89
PRATT & WHITNEY CANADA CORP. Patents By Year of Grant:	89	89
UNIVERSITY OF SOUTH FLORIDA Patents By Year of Grant:	89	89
IBIDEN CO., LTD. Patents By Year of Grant:	88	88
Alpha and Omega Semiconductor Incorporated Patents By Year of Grant:	87	87
BORGWARNER INC. Patents By Year of Grant:	87	87
BRISTOL-MYERS SQUIBB COMPANY Patents By Year of Grant:	87	87
PIXART IMAGING INC. Patents By Year of Grant:	87	87
SHINKO ELECTRIC INDUSTRIES CO., LTD. Patents By Year of Grant:	87	87

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
SEMICONDUCTOR MANUFACTURING INTERNATIONAL (SHANGHAI) CORPORATION		
Patents By Year of Grant:	86	86
BEIJING BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.		
Patents By Year of Grant:	85	85
HOYA CORPORATION		
Patents By Year of Grant:	85	85
RPX Clearinghouse LLC		
Patents By Year of Grant:	85	85
ASAHI GLASS COMPANY, LTD.		
Patents By Year of Grant:	84	84
CONTINENTAL TEVES AG & CO., OHG		
Patents By Year of Grant:	84	84
HENKEL KOMMANDITGESELLSCHAFT AUF AKTIEN (HENKEL KGAA)		
Patents By Year of Grant:	84	84
THE YOKOHAMA RUBBER CO., LTD.		
Patents By Year of Grant:	84	84
MITSUBISHI ELECTRIC RESEARCH LABORATORIES, INC.		
Patents By Year of Grant:	83	83
NORTHWESTERN UNIVERSITY		
Patents By Year of Grant:	83	83
VARIAN SEMICONDUCTOR EQUIPMENT ASSOCIATES, INC.		
Patents By Year of Grant:	83	83
CORNING CABLE SYSTEMS LLC		
Patents By Year of Grant:	82	82
INTERDIGITAL TECHNOLOGY CORPORATION		
Patents By Year of Grant:	82	82
MITSUBISHI GAS-CHEMICAL COMPANY, INC.		
Patents By Year of Grant:	82	82
PACESETTER, INC.		
Patents By Year of Grant:	82	82
SHARP LABORATORIES OF AMERICA, INC.		
Patents By Year of Grant:	82	82
JFE STEEL CORPORATION		
Patents By Year of Grant:	81	81
LINCOLN GLOBAL, INC.		
Patents By Year of Grant:	81	81
MITSUI CHEMICALS, INCORPORATED		
Patents By Year of Grant:	81	81
RHODIA OPERATIONS		
Patents By Year of Grant:	81	81
UNIVERSAL DISPLAY CORPORATION		
Patents By Year of Grant:	81	81
VIA TECHNOLOGIES, INC.		
Patents By Year of Grant:	81	81

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
ELECTRO-MOTIVE DIESEL, INC. Patents By Year of Grant:	80	80
MOLEX INCORPORATED Patents By Year of Grant:	80	80
NIPPON TELEGRAPH & TELEPHONE CORP. Patents By Year of Grant:	80	80
VESTAS WIND SYSTEMS A/S Patents By Year of Grant:	80	80
EXXONMOBIL UPSTREAM RESEARCH COMPANY Patents By Year of Grant:	79	79
JVC Kenwood Corporation Patents By Year of Grant:	79	79
NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY Patents By Year of Grant:	79	79
Oracle America, Inc. Patents By Year of Grant:	79	79
SHOWA DENKO KABUSHIKI KAISHA Patents By Year of Grant:	79	79
GENERAL HOSPITAL CORPORATION Patents By Year of Grant:	78	78
QUANTA COMPUTER INC. Patents By Year of Grant:	78	78
SANOFI, S.A. Patents By Year of Grant:	78	78
SYNAPTICS, INC. Patents By Year of Grant:	78	78
Time Warner Cable Enterprises LLC Patents By Year of Grant:	78	78
CELANESE INTERNATIONAL CORPORATION Patents By Year of Grant:	77	77
EPISTAR CORPORATION Patents By Year of Grant:	77	77
HITACHI CONSTRUCTION MACHINERY CO., LTD. Patents By Year of Grant:	77	77
JAPAN AVIATION ELECTRONICS INDUSTRY LTD. Patents By Year of Grant:	77	77
MITUTOYO CORPORATION Patents By Year of Grant:	77	77
NATIONAL CHIAO TUNG UNIVERSITY Patents By Year of Grant:	77	77
OMNIVISION TECHNOLOGIES INC. Patents By Year of Grant:	77	77
TOKYO OHKA KOGYO CO., LTD. Patents By Year of Grant:	77	77

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
VOLKSWAGEN AKTIENGESELLSCHAFT Patents By Year of Grant:	77	77
Airbus Operations Limited Patents By Year of Grant:	76	76
MAXLINEAR, INC. Patents By Year of Grant:	76	76
MITSUBISHI CHEMICAL CORPORATION Patents By Year of Grant:	76	76
SAINT-GOBAIN GLASS FRANCE Patents By Year of Grant:	76	76
TRIMBLE NAVIGATION, LTD. Patents By Year of Grant:	76	76
W. L. GORE & ASSOCIATES, INC. Patents By Year of Grant:	76	76
Airbus Helicopters Patents By Year of Grant:	75	75
CORNELL UNIVERSITY Patents By Year of Grant:	75	75
FUJIKURA LTD. Patents By Year of Grant:	75	75
LEAR CORPORATION Patents By Year of Grant:	75	75
THE DIRECTV GROUP, INC. Patents By Year of Grant:	75	75
TOKAI RIKI DENKI SEISAKUSHO K.K. Patents By Year of Grant:	75	75
BLACK & DECKER INC. Patents By Year of Grant:	74	74
COLGATE-PALMOLIVE COMPANY Patents By Year of Grant:	74	74
FAIRCHILD SEMICONDUCTOR CORPORATION Patents By Year of Grant:	74	74
INTERUNIVERSITAIR MICRO-ELEKTRONICA CENTRUM (IMEC VZW) Patents By Year of Grant:	74	74
JOHNSON & JOHNSON VISION CARE, INC. Patents By Year of Grant:	74	74
ORANGE Patents By Year of Grant:	74	74
SKYWORKS SOLUTIONS, INC. Patents By Year of Grant:	74	74
WAL-MART STORES, INC. Patents By Year of Grant:	74	74
Abbott Diabetes Care Inc. Patents By Year of Grant:	73	73

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
COCHLEAR LIMITED		
Patents By Year of Grant:	73	73
GENENTECH, INC.		
Patents By Year of Grant:	73	73
Infosys Limited		
Patents By Year of Grant:	73	73
Lenovo Innovations Limited (Hong Kong)		
Patents By Year of Grant:	73	73
RED HAT ISRAEL, LTD.		
Patents By Year of Grant:	73	73
ROHM AND HAAS ELECTRONIC MATERIALS, L.L.C.		
Patents By Year of Grant:	73	73
UNITED SERVICES AUTOMOBILE ASSOCIATION (USAA)		
Patents By Year of Grant:	73	73
Universal Entertainment Corporation		
Patents By Year of Grant:	73	73
UT-BATTELLE, LLC		
Patents By Year of Grant:	73	73
BROCADE COMMUNICATIONS SYSTEMS, INC.		
Patents By Year of Grant:	72	72
DOW CORNING CORPORATION		
Patents By Year of Grant:	72	72
GEORGIA TECH RESEARCH CORP.		
Patents By Year of Grant:	72	72
Here Global B.V.		
Patents By Year of Grant:	72	72
HOFFMANN-LA ROCHE INC.		
Patents By Year of Grant:	72	72
K.T. CORPORATION		
Patents By Year of Grant:	72	72
TERUMO KABUSHIKI KAISHA (TERUMO CORPORATION)		
Patents By Year of Grant:	72	72
ABB RESEARCH LTD.		
Patents By Year of Grant:	71	71
HITACHI MEDICAL CORPORATION		
Patents By Year of Grant:	71	71
INTERNATIONAL RECTIFIER CORPORATION		
Patents By Year of Grant:	71	71
INVENTEC (PUDONG) TECHNOLOGY CORPORATION		
Patents By Year of Grant:	71	71
KANEKA CORPORATION		
Patents By Year of Grant:	71	71
MITSUBISHI HITACHI POWER SYSTEMS, LTD.		
Patents By Year of Grant:	71	71

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
NATIONAL TAIWAN UNIVERSITY		
Patents By Year of Grant:	71	71
SANYO ELECTRIC CO., LTD.		
Patents By Year of Grant:	71	71
WEST CORPORATION		
Patents By Year of Grant:	71	71
CIENA CORPORATION		
Patents By Year of Grant:	70	70
COMMVAULT SYSTEMS, INC.		
Patents By Year of Grant:	70	70
C. R. BARD, INC.		
Patents By Year of Grant:	70	70
FCA US LLC		
Patents By Year of Grant:	70	70
HAND-HELD PRODUCTS, INC.		
Patents By Year of Grant:	70	70
Intellectual Discovery Co., Ltd.		
Patents By Year of Grant:	70	70
KENNAMETAL INC.		
Patents By Year of Grant:	70	70
Marvell Israel (MISL) Ltd.		
Patents By Year of Grant:	70	70
PHISON ELECTRONIC CORP.		
Patents By Year of Grant:	70	70
STMicroelectronics International N.V.		
Patents By Year of Grant:	70	70
TOYOTA BOSHOKU KABUSHIKI KAISHA		
Patents By Year of Grant:	70	70
CHEVRON PHILLIPS CHEMICAL COMPANY LP		
Patents By Year of Grant:	69	69
EPCOS AG		
Patents By Year of Grant:	69	69
GIESECKE & DEVRIENT GMBH		
Patents By Year of Grant:	69	69
INTUIT, INC.		
Patents By Year of Grant:	69	69
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:	69	69
Siemens Industry, Inc.		
Patents By Year of Grant:	69	69
Sony Computer Entertainment America LLC		
Patents By Year of Grant:	69	69
Textron Innovations Inc.		
Patents By Year of Grant:	69	69

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
Continental Automotive Systems, Inc. Patents By Year of Grant:	68	68
FUJITSU COMPONENT LIMITED Patents By Year of Grant:	68	68
HITACHI MAXELL, LTD. Patents By Year of Grant:	68	68
IFP Energies Nouvelles Patents By Year of Grant:	68	68
IROBOT CORPORATION Patents By Year of Grant:	68	68
THE CLEVELAND CLINIC FOUNDATION Patents By Year of Grant:	68	68
DUNLOP SPORTS CO, LTD. Patents By Year of Grant:	67	67
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE Patents By Year of Grant:	67	67
KHS GMBH Patents By Year of Grant:	67	67
PURDUE PHARMA, L.P. Patents By Year of Grant:	67	67
STANLEY ELECTRIC CO., LTD. Patents By Year of Grant:	67	67
SYSMEX CORPORATION Patents By Year of Grant:	67	67
BATTELLE MEMORIAL INSTITUTE Patents By Year of Grant:	66	66
FUNAI ELECTRIC CO., LTD. Patents By Year of Grant:	66	66
NISSAN NORTH AMERICA, INC. Patents By Year of Grant:	66	66
OLYMPUS IMAGING CORP. Patents By Year of Grant:	66	66
PANDUIT CORPORATION Patents By Year of Grant:	66	66
PPG INDUSTRIES OHIO INC. Patents By Year of Grant:	66	66
SUMITOMO HEAVY INDUSTRIES, LTD. Patents By Year of Grant:	66	66
CIRRUS LOGIC, INC. Patents By Year of Grant:	65	65
RESMED LIMITED Patents By Year of Grant:	65	65
RUTGERS UNIVERSITY Patents By Year of Grant:	65	65

Organizational Patenting (Granted: Jan 01, 2015 - Dec 31, 2015)
 Ranked List of Organizations with 40 or More Utility Patents Received in CY 2015

<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
STMICROELECTRONICS ROUSSET SAS Patents By Year of Grant:	65	65
TAKEDA PHARMACEUTICAL COMPANY LIMITED Patents By Year of Grant:	65	65
UNIVERSITY OF MARYLAND Patents By Year of Grant:	65	65
ALIBABA GROUP HOLDING LIMITED Patents By Year of Grant:	64	64
Arkema France Patents By Year of Grant:	64	64
EASTMAN CHEMICAL COMPANY Patents By Year of Grant:	64	64
JOHNSON ELECTRIC S.A. Patents By Year of Grant:	64	64
KOITO MANUFACTURING COMPANY LIMITED Patents By Year of Grant:	64	64
Lapis Semiconductor Co., Ltd. Patents By Year of Grant:	64	64
MICHELIN RECHERCHE ET TECHNIQUE S.A. Patents By Year of Grant:	64	64
NATIONAL CHENG KUNG UNIVERSITY Patents By Year of Grant:	64	64
NHK SPRING CO., LTD. Patents By Year of Grant:	64	64
ZIMMER, INC. Patents By Year of Grant:	64	64
CONOPCO, INC. Patents By Year of Grant:	63	63
E Ink Holdings Inc. Patents By Year of Grant:	63	63
Greatbatch Ltd. Patents By Year of Grant:	63	63
JSR CORPORATION Patents By Year of Grant:	63	63
MAZDA MOTOR CORPORATION Patents By Year of Grant:	63	63
MINEBEA KABUSHIKI-KAISHA (MINEBEA CO., LTD) Patents By Year of Grant:	63	63
NEW YORK UNIVERSITY Patents By Year of Grant:	63	63
RICHTEK TECHNOLOGY CORP. Patents By Year of Grant:	63	63
ADVANTEST CORP. Patents By Year of Grant:	62	62

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
AIR PRODUCTS AND CHEMICALS, INC. Patents By Year of Grant:	62	62
FEI COMPANY Patents By Year of Grant:	62	62
HITACHI CHEMICAL COMPANY, LTD. Patents By Year of Grant:	62	62
JOHNSON MATTHEY PUBLIC LIMITED COMPANY Patents By Year of Grant:	62	62
LARGAN PRECISION CO., LTD. Patents By Year of Grant:	62	62
MICROCHIP TECHNOLOGY INCORPORATED Patents By Year of Grant:	62	62
RESEARCH FOUNDATION OF STATE UNIVERSITY OF NEW YORK Patents By Year of Grant:	62	62
RISO KAGAKU CORPORATION Patents By Year of Grant:	62	62
SCREEN Holdings Co., Ltd. Patents By Year of Grant:	62	62
STMICROELECTRONICS S.A. Patents By Year of Grant:	62	62
Fitbit, Inc. Patents By Year of Grant:	61	61
GlobalFoundries U.S. 2 LLC Patents By Year of Grant:	61	61
HYUNDAI MOBIS, CO., LTD. Patents By Year of Grant:	61	61
IHI Corp. Patents By Year of Grant:	61	61
KCI LICENSING, INC. Patents By Year of Grant:	61	61
NISSAN CHEMICAL INDUSTRIES, LTD. Patents By Year of Grant:	61	61
NOVO NORDISK A/S Patents By Year of Grant:	61	61
PHOENIX CONTACT GMBH & CO. KG Patents By Year of Grant:	61	61
Qualcomm MEMS Technologies, Inc. Patents By Year of Grant:	61	61
UChicago Argonne LLC Patents By Year of Grant:	61	61
CUMMINS INC. Patents By Year of Grant:	60	60
DYSON TECHNOLOGY LIMITED Patents By Year of Grant:	60	60

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
ETHICON, INC. Patents By Year of Grant:	60	60
INSTITUTE OF MICROELECTRONICS, CHINESE ACADEMY OF SCIENCES Patents By Year of Grant:	60	60
INVENTIO AG Patents By Year of Grant:	60	60
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH Patents By Year of Grant:	60	60
Socionext Inc. Patents By Year of Grant:	60	60
Sonos, Inc. Patents By Year of Grant:	60	60
UNIVERSITY OF UTAH RESEARCH FOUNDATION Patents By Year of Grant:	60	60
WESTERNGECO, LLC Patents By Year of Grant:	60	60
AIRCELLE Patents By Year of Grant:	59	59
AUTODESK, INC. Patents By Year of Grant:	59	59
BELL HELICOPTER TEXTRON, INC. Patents By Year of Grant:	59	59
General Motors LLC Patents By Year of Grant:	59	59
GS YUASA INTERNATIONAL LTD. Patents By Year of Grant:	59	59
KOHLER CO. Patents By Year of Grant:	59	59
KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY Patents By Year of Grant:	59	59
PANTECH CO. LTD. Patents By Year of Grant:	59	59
SEOUL VIOSYS CO., LTD. Patents By Year of Grant:	59	59
S.O.I. TEC SILICON ON INSULATOR TECHNOLOGIES S.A. Patents By Year of Grant:	59	59
SUNPOWER CORPORATION Patents By Year of Grant:	59	59
TEKTRONIX INC. Patents By Year of Grant:	59	59
TELECOMMUNICATION SYSTEMS, INC. Patents By Year of Grant:	59	59
UNITED STATES OF AMERICA, AIR FORCE Patents By Year of Grant:	59	59

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
ARRIS Technology, Inc.		
Patents By Year of Grant:	58	58
Avalanche Technology, Inc.		
Patents By Year of Grant:	58	58
BAE SYSTEMS PLC		
Patents By Year of Grant:	58	58
ESSILOR INTERNATIONAL COMPAGNIE GENERALE D'OPTIQUE		
Patents By Year of Grant:	58	58
FISHER CONTROLS INTERNATIONAL LLC		
Patents By Year of Grant:	58	58
MATTEL INC.		
Patents By Year of Grant:	58	58
MEDTRONIC MINIMED INC.		
Patents By Year of Grant:	58	58
NORTHROP GRUMMAN SYSTEMS CORPORATION		
Patents By Year of Grant:	58	58
OKI ELECTRIC INDUSTRY CO., LTD.		
Patents By Year of Grant:	58	58
Sandisk 3D LLC		
Patents By Year of Grant:	58	58
STARKEY LABORATORIES, INC.		
Patents By Year of Grant:	58	58
TOTAL RESEARCH & TECHNOLOGY FELUY		
Patents By Year of Grant:	58	58
UNIVERSITY OF MASSACHUSETTS		
Patents By Year of Grant:	58	58
UNIVERSITY OF NORTH CAROLINA		
Patents By Year of Grant:	58	58
UNIVERSITY OF PITTSBURGH		
Patents By Year of Grant:	58	58
ZYNGA, INC.		
Patents By Year of Grant:	58	58
DIGIMARC CORPORATION		
Patents By Year of Grant:	57	57
GRAPHIC PACKAGING INTERNATIONAL, INC.		
Patents By Year of Grant:	57	57
HEADWAY TECHNOLOGIES, INC.		
Patents By Year of Grant:	57	57
JX NIPPON OIL & ENERGY CORPORATION		
Patents By Year of Grant:	57	57
NEDERLANDSE ORGANISATIE VOOR TOEGEPAST-NATUURWETENSCHAPPELIJK ONDERZOEK TNO		
Patents By Year of Grant:	57	57
PFIZER INC.		
Patents By Year of Grant:	57	57

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Ranked List of Organizations with 40 or More Utility Patents Received in CY 2015

<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
SEMINIS VEGETABLE SEEDS, INC. Patents By Year of Grant:	57	57
St. Jude Medical, Atrial Fibrillation Division, Inc. Patents By Year of Grant:	57	57
VERTEX PHARMACEUTICALS, INC. Patents By Year of Grant:	57	57
YOKOGAWA ELECTRIC CORPORATION Patents By Year of Grant:	57	57
AMKOR TECHNOLOGY, INC. Patents By Year of Grant:	56	56
ASIA VITAL COMPONENTS CO., LTD. Patents By Year of Grant:	56	56
BRITISH TELECOMMUNICATION, PLC Patents By Year of Grant:	56	56
FINISAR CORPORATION Patents By Year of Grant:	56	56
INVENSAS CORPORATION Patents By Year of Grant:	56	56
MAHLE INTERNATIONAL GMBH Patents By Year of Grant:	56	56
NAN YA TECHNOLOGY CORPORATION Patents By Year of Grant:	56	56
Pixtronix, Inc. Patents By Year of Grant:	56	56
POSTECH ACADEMY-INDUSTRY FOUNDATION Patents By Year of Grant:	56	56
POWER INTEGRATIONS, INC. Patents By Year of Grant:	56	56
RENAULT S.A.S. Patents By Year of Grant:	56	56
SMITH INTERNATIONAL INC. Patents By Year of Grant:	56	56
WACKER-CHEMIE GMBH Patents By Year of Grant:	56	56
WONDERLAND NURSERY GOODS CO., LTD. Patents By Year of Grant:	56	56
ARIZONA STATE UNIVERSITY Patents By Year of Grant:	55	55
Carestream Health, Inc. Patents By Year of Grant:	55	55
CHINA ACADEMY OF TELECOMMUNICATIONS TECHNOLOGY Patents By Year of Grant:	55	55
COLOPLAST A/S Patents By Year of Grant:	55	55

Organizational Patenting (Granted: Jan 01, 2015 - Dec 31, 2015)
Ranked List of Organizations with 40 or More Utility Patents Received in CY 2015

<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
DEPUY (IRELAND)		
Patents By Year of Grant:	55	55
GILEAD SCIENCES, INC.		
Patents By Year of Grant:	55	55
HUBBELL INCORPORATED		
Patents By Year of Grant:	55	55
ROHM AND HAAS COMPANY		
Patents By Year of Grant:	55	55
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION, LTD.		
Patents By Year of Grant:	55	55
VIASAT, INC.		
Patents By Year of Grant:	55	55
AMGEN, INC.		
Patents By Year of Grant:	54	54
Analog Devices Global		
Patents By Year of Grant:	54	54
BIOMET MANUFACTURING CORP.		
Patents By Year of Grant:	54	54
CAMBRIDGE SILICON RADIO LIMITED		
Patents By Year of Grant:	54	54
GENIUS ELECTRONIC OPTICAL CO., LTD.		
Patents By Year of Grant:	54	54
GOODRICH CORPORATION		
Patents By Year of Grant:	54	54
INSTITUTE FOR INFORMATION INDUSTRY		
Patents By Year of Grant:	54	54
MEDIATEK SINGAPORE PTE LTD		
Patents By Year of Grant:	54	54
NIDEC CORPORATION		
Patents By Year of Grant:	54	54
NOVELL, INC.		
Patents By Year of Grant:	54	54
NUFLARE TECHNOLOGY, INC.		
Patents By Year of Grant:	54	54
Ofinno Technologies, LLC		
Patents By Year of Grant:	54	54
Panasonic Healthcare Holdings, Co., Ltd		
Patents By Year of Grant:	54	54
PARKER-HANNIFIN CORPORATION		
Patents By Year of Grant:	54	54
ROSEMOUNT INC.		
Patents By Year of Grant:	54	54
TREND MICRO, INC.		
Patents By Year of Grant:	54	54

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
AO Kaspersky Lab		
Patents By Year of Grant:	53	53
ARISTOCRAT TECHNOLOGIES AUSTRALIA PTY LTD.		
Patents By Year of Grant:	53	53
ASAHI KASEI CHEMICALS CORPORATION		
Patents By Year of Grant:	53	53
BAYER HEALTHCARE, LLC		
Patents By Year of Grant:	53	53
ELECTROLUX HOME PRODUCTS CORPORATION N.V.		
Patents By Year of Grant:	53	53
HILTI AKTIENGESELLSCHAFT		
Patents By Year of Grant:	53	53
KUBOTA CORPORATION		
Patents By Year of Grant:	53	53
MICROMASS UK LIMITED		
Patents By Year of Grant:	53	53
OSRAM SYLVANIA INC.		
Patents By Year of Grant:	53	53
SRI INTERNATIONAL		
Patents By Year of Grant:	53	53
AJINOMOTO COMPANY INCORPORATED		
Patents By Year of Grant:	52	52
CALLAWAY GOLF COMPANY		
Patents By Year of Grant:	52	52
JNC Corporation		
Patents By Year of Grant:	52	52
mitsubishi materials CORPORATION		
Patents By Year of Grant:	52	52
NATIONAL INSTRUMENTS CORPORATION		
Patents By Year of Grant:	52	52
NATIONAL-OILWELL VARCO, L.P.		
Patents By Year of Grant:	52	52
TARGET BRANDS, INC.		
Patents By Year of Grant:	52	52
U.S. SYNTHETIC CORPORATION		
Patents By Year of Grant:	52	52
Zhongshan Innocloud Intellectual Property Services Co., Ltd.		
Patents By Year of Grant:	52	52
ALCON RESEARCH, LTD.		
Patents By Year of Grant:	51	51
CENTRAL GLASS COMPANY, LIMITED		
Patents By Year of Grant:	51	51
FRANCE TELECOM		
Patents By Year of Grant:	51	51

Organizational Patenting (Granted: Jan 01, 2015 - Dec 31, 2015)
 Ranked List of Organizations with 40 or More Utility Patents Received in CY 2015

<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
GENESYS TELECOMMUNICATIONS LABORATORIES, INC. Patents By Year of Grant:	51	51
NOVELLUS SYSTEMS, INC. Patents By Year of Grant:	51	51
S. C. JOHNSON + SON, INC. Patents By Year of Grant:	51	51
SNU R& DB FOUNDATION Patents By Year of Grant:	51	51
STATE FARM MUTUAL AUTOMOBILE INSURANCE COMPANY Patents By Year of Grant:	51	51
UNITED STATES OF AMERICA, DEPARTMENT OF AGRICULTURE Patents By Year of Grant:	51	51
ATI Technologies ULC Patents By Year of Grant:	50	50
COX COMMUNICATIONS, INC. Patents By Year of Grant:	50	50
DEKA PRODUCTS LIMITED PARTNERSHIP Patents By Year of Grant:	50	50
DISCO CORPORATION Patents By Year of Grant:	50	50
EBARA CORPORATION Patents By Year of Grant:	50	50
HARMAN INTERNATIONAL INDUSTRIES, INC. Patents By Year of Grant:	50	50
KARL STORZ GMBH & CO. KG Patents By Year of Grant:	50	50
MENTOR GRAPHICS CORPORATION Patents By Year of Grant:	50	50
SIKORSKY AIRCRAFT CORPORATION Patents By Year of Grant:	50	50
SPLUNK INC. Patents By Year of Grant:	50	50
T-MOBILE, USA, INC. Patents By Year of Grant:	50	50
Tyco Fire & Security GmbH Patents By Year of Grant:	50	50
UNIVERSITY OF CENTRAL FLORIDA Patents By Year of Grant:	50	50
Weatherford Technology Holdings, LLC Patents By Year of Grant:	50	50
ABBOTT LABORATORIES Patents By Year of Grant:	49	49
AGILENT TECHNOLOGIES, INC. Patents By Year of Grant:	49	49

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
ARRIS Enterprises, Inc. Patents By Year of Grant:	49	49
AUTONETWORKS TECHNOLOGIES, LTD. Patents By Year of Grant:	49	49
AVERY DENNISON CORPORATION Patents By Year of Grant:	49	49
BRUNSWICK CORPORATION Patents By Year of Grant:	49	49
INVENSENSE INC. Patents By Year of Grant:	49	49
Lextar Electronics Corporation Patents By Year of Grant:	49	49
REGENERON PHARMACEUTICALS, INC. Patents By Year of Grant:	49	49
SILERGY SEMICONDUCTOR TECHNOLOGY (HANGZHOU) LTD Patents By Year of Grant:	49	49
STRYKER CORPORATION Patents By Year of Grant:	49	49
AMERICAN MEGATRENDS, INC. Patents By Year of Grant:	48	48
DUKE UNIVERSITY Patents By Year of Grant:	48	48
GUARDIAN INDUSTRIES CORP. Patents By Year of Grant:	48	48
NDK, NIHON DEMP A KOGYO COMPANY, LTD. Patents By Year of Grant:	48	48
PAYPAL. INC. Patents By Year of Grant:	48	48
PHILIP MORRIS USA INC. Patents By Year of Grant:	48	48
PMC-SIERRA US, INC. Patents By Year of Grant:	48	48
SAMSUNG MEDISON CO., LTD. Patents By Year of Grant:	48	48
SOUTHWEST RESEARCH INSTITUTE Patents By Year of Grant:	48	48
THOMAS & BETTS INTERNATIONAL, INC. Patents By Year of Grant:	48	48
UNIVERSITY OF ROCHESTER Patents By Year of Grant:	48	48
B/E AEROSPACE INCORPORATED Patents By Year of Grant:	47	47
COCA-COLA COMPANY Patents By Year of Grant:	47	47

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
Dell Software, Inc.		
Patents By Year of Grant:	47	47
FRESENIUS MEDICAL CARE DEUTSCHLAND GMBH		
Patents By Year of Grant:	47	47
HUSQVARNA AB		
Patents By Year of Grant:	47	47
INDIANA UNIVERSITY RESEARCH AND TECHNOLOGY CORPORATION		
Patents By Year of Grant:	47	47
JAPAN SCIENCE AND TECHNOLOGY AGENCY		
Patents By Year of Grant:	47	47
JX Nippon Mining & Metals Corporation		
Patents By Year of Grant:	47	47
NEC DISPLAY SOLUTIONS, LTD.		
Patents By Year of Grant:	47	47
NORDSON CORPORATION		
Patents By Year of Grant:	47	47
RAMOT AT TEL AVIV UNIVERSITY LTD.		
Patents By Year of Grant:	47	47
SAAB AB		
Patents By Year of Grant:	47	47
SCANIA CV AB		
Patents By Year of Grant:	47	47
TOYO TIRE & RUBBER CO., LTD.		
Patents By Year of Grant:	47	47
AMS RESEARCH CORPORATION		
Patents By Year of Grant:	46	46
ASMO CO., LTD.		
Patents By Year of Grant:	46	46
CARRIER CORPORATION		
Patents By Year of Grant:	46	46
DIC CORPORATION		
Patents By Year of Grant:	46	46
EMITEC GESELLSCHAFT FUER EMISSIONSTECHNOLOGIE MBH		
Patents By Year of Grant:	46	46
FORTINET, INC.		
Patents By Year of Grant:	46	46
MITSUBISHI JIDOSHA KOGYO KABUSHIKI KAISHA		
Patents By Year of Grant:	46	46
NOVOZYMES A/S		
Patents By Year of Grant:	46	46
TETRA LAVAL HOLDINGS & FINANCE S.A.		
Patents By Year of Grant:	46	46
TS TECH CO., LTD.		
Patents By Year of Grant:	46	46

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
WISTRON NEWEB CORPORATION		
Patents By Year of Grant:	46	46
YKK CORPORATION		
Patents By Year of Grant:	46	46
BIO-RAD LABORATORIES, INC.		
Patents By Year of Grant:	45	45
Bosch Automotive Service Solutions Inc.		
Patents By Year of Grant:	45	45
CareFusion 303 Inc.		
Patents By Year of Grant:	45	45
Core Wireless Licensing S.a.r.l.		
Patents By Year of Grant:	45	45
DROPBOX, INC.		
Patents By Year of Grant:	45	45
FUJITSU TEN LIMITED		
Patents By Year of Grant:	45	45
INFINERA CORPORATION		
Patents By Year of Grant:	45	45
ISIS PHARMACEUTICALS, INC.		
Patents By Year of Grant:	45	45
Level 3 Communications, LLC		
Patents By Year of Grant:	45	45
LITE-ON TECHNOLOGY CORPORATION		
Patents By Year of Grant:	45	45
MITSUMI ELECTRIC CO., LTD.		
Patents By Year of Grant:	45	45
OTSUKA PHARMACEUTICAL CO., LTD.		
Patents By Year of Grant:	45	45
PELICAN IMAGING CORPORATION		
Patents By Year of Grant:	45	45
TESSERA, INC.		
Patents By Year of Grant:	45	45
UNIVERSITY OF SOUTHERN CALIFORNIA		
Patents By Year of Grant:	45	45
ADVANCED OPTOELECTRONIC TECHNOLOGY INC.		
Patents By Year of Grant:	44	44
ALPS ELECTRIC CO., LTD.		
Patents By Year of Grant:	44	44
BASF CORPORATION		
Patents By Year of Grant:	44	44
CONOCOPHILLIPS COMPANY		
Patents By Year of Grant:	44	44
DENSO INTERNATIONAL AMERICA, INC.		
Patents By Year of Grant:	44	44

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
F5 NETWORKS, INC.		
Patents By Year of Grant:	44	44
HARMAN BECKER AUTOMOTIVE SYSTEMS GMBH		
Patents By Year of Grant:	44	44
Intersil Americans LLC		
Patents By Year of Grant:	44	44
ISUZU MOTORS LIMITED		
Patents By Year of Grant:	44	44
KAYABA INDUSTRY CO., LTD.		
Patents By Year of Grant:	44	44
KOREA INSTITUTE OF ENERGY RESEARCH		
Patents By Year of Grant:	44	44
MANN & HUMMEL GMBH		
Patents By Year of Grant:	44	44
MASTERCARD INTERNATIONAL, INC.		
Patents By Year of Grant:	44	44
mitsubishi rayon co., ltd.		
Patents By Year of Grant:	44	44
NIFCO INC.		
Patents By Year of Grant:	44	44
TAYLOR MADE GOLF COMPANY, INC.		
Patents By Year of Grant:	44	44
UNIVERSITY OF MINNESOTA, THE REGENTS OF		
Patents By Year of Grant:	44	44
VERISIGN, INC.		
Patents By Year of Grant:	44	44
ABL IP Holding LLC		
Patents By Year of Grant:	43	43
AUTOLIV ASP, INC.		
Patents By Year of Grant:	43	43
Azbil Corporation		
Patents By Year of Grant:	43	43
BAYER CROPSCIENCE AG		
Patents By Year of Grant:	43	43
BAYER MATERIALSCIENCE AG		
Patents By Year of Grant:	43	43
BOREALIS AG		
Patents By Year of Grant:	43	43
CommScope Technologies LLC		
Patents By Year of Grant:	43	43
EMD Millipore Corporation		
Patents By Year of Grant:	43	43
First Solar, Inc.		
Patents By Year of Grant:	43	43

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
III Holdings 1, LLC		
Patents By Year of Grant:	43	43
KING SAUD UNIVERSITY		
Patents By Year of Grant:	43	43
NIDEC SANKYO CORPORATION		
Patents By Year of Grant:	43	43
PEKING UNIVERSITY FOUNDER GROUP CO., LTD.		
Patents By Year of Grant:	43	43
PFU LIMITED		
Patents By Year of Grant:	43	43
SANDVIK INTELLECTUAL PROPERTY AB		
Patents By Year of Grant:	43	43
Scienbizip Consulting (Shenzhen) Co., Ltd.		
Patents By Year of Grant:	43	43
SILICON MOTION, INC.		
Patents By Year of Grant:	43	43
TENNECO AUTOMOTIVE OPERATING COMPANY INC.		
Patents By Year of Grant:	43	43
WINBOND ELECTRONICS CORP.		
Patents By Year of Grant:	43	43
AGCO CORPORATION		
Patents By Year of Grant:	42	42
ALNYLAM PHARMACEUTICALS, INC.		
Patents By Year of Grant:	42	42
AOL LLC		
Patents By Year of Grant:	42	42
ASUSTEK COMPUTER INC.		
Patents By Year of Grant:	42	42
DONALDSON COMPANY, INC.		
Patents By Year of Grant:	42	42
DREXEL UNIVERSITY		
Patents By Year of Grant:	42	42
IMMERSION CORPORATION		
Patents By Year of Grant:	42	42
Industry-Academic Cooperation Foundation Yonsei University		
Patents By Year of Grant:	42	42
INSTITUTE OF NUCLEAR ENERGY RESEARCH, CHINESE ATOMIC ENERGY COUNCIL, TAIWAN		
Patents By Year of Grant:	42	42
Los Alamos National Security, LLC		
Patents By Year of Grant:	42	42
M.S. TECHNOLOGIES, LLC		
Patents By Year of Grant:	42	42
QLOGIC CORPORATION		
Patents By Year of Grant:	42	42

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<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
QUALCOMM TECHNOLOGIES, INC. Patents By Year of Grant:	42	42
SAINT-GOBAIN CERAMICS & PLASTICS, INC. Patents By Year of Grant:	42	42
SCIENCE & TECHNOLOGY CORPORATION AT UNIVERSITY OF NEW MEXICO Patents By Year of Grant:	42	42
SK INNOVATION CO., LTD. Patents By Year of Grant:	42	42
STMICROELECTRONICS (RESEARCH & DEVELOPMENT) LIMITED Patents By Year of Grant:	42	42
Waters Technologies Corporation Patents By Year of Grant:	42	42
ARKRAY, INC. Patents By Year of Grant:	41	41
ARTHREX INC. Patents By Year of Grant:	41	41
CARL ZEISS MICROSCOPY GMBH Patents By Year of Grant:	41	41
CASE WESTERN RESERVE UNIVERSITY Patents By Year of Grant:	41	41
DAIICHI SANKYO COMPANY, LIMITED Patents By Year of Grant:	41	41
EDWARDS LIFESCIENCES CORP. Patents By Year of Grant:	41	41
HILL-ROM SERVICES, INC. Patents By Year of Grant:	41	41
INTEL DEUTSCHLAND GMBH Patents By Year of Grant:	41	41
LITE-ON ELECTRONICS (GUANGZHOU) LIMITED Patents By Year of Grant:	41	41
LUTRON ELECTRONICS COMPANY, INC. Patents By Year of Grant:	41	41
MURATA MACHINERY, LTD. Patents By Year of Grant:	41	41
NUVASIVE, INC. Patents By Year of Grant:	41	41
OSSUR HF Patents By Year of Grant:	41	41
Steering Solutions IP Holding Corporation Patents By Year of Grant:	41	41
ACADEMIA SINICA Patents By Year of Grant:	40	40
Cavium, Inc. Patents By Year of Grant:	40	40

Organizational Patenting (Granted: Jan 01, 2015 - Dec 31, 2015)
 Ranked List of Organizations with 40 or More Utility Patents Received in CY 2015

<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
CHINA PETROLEUM & CHEMICAL CORPORATION Patents By Year of Grant:	40	40
Gemalto SA Patents By Year of Grant:	40	40
IMAGINATION TECHNOLOGIES LIMITED Patents By Year of Grant:	40	40
JDS UNIPHASE CORPORATION Patents By Year of Grant:	40	40
MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN E.V Patents By Year of Grant:	40	40
MTU AERO ENGINES GMBH Patents By Year of Grant:	40	40
NEKTAR THERAPEUTICS Patents By Year of Grant:	40	40
NIPPON SHOKUBAI CO., LTD. Patents By Year of Grant:	40	40
NLT Technologies, Ltd. Patents By Year of Grant:	40	40
Pacific Biosciences of California, Inc. Patents By Year of Grant:	40	40
PRAXAIR TECHNOLOGY, INC. Patents By Year of Grant:	40	40
RAKUTEN, INC Patents By Year of Grant:	40	40
Regal Beloit America, Inc. Patents By Year of Grant:	40	40
R. J. REYNOLDS TOBACCO COMPANY Patents By Year of Grant:	40	40
ROHDE & SCHWARZ GMBH & CO., KG Patents By Year of Grant:	40	40
SCHNEIDER ELECTRIC INDUSTRIES SAS Patents By Year of Grant:	40	40
SCHOTT AG Patents By Year of Grant:	40	40
SONY COMPUTER ENTERTAINMENT INC. Patents By Year of Grant:	40	40
STEELCASE INC. Patents By Year of Grant:	40	40
THE AEROSPACE CORPORATION Patents By Year of Grant:	40	40
UNIVERSITY OF COLORADO, THE REGENTS OF Patents By Year of Grant:	40	40
VANDERBILT UNIVERSITY Patents By Year of Grant:	40	40

Organizational Patenting (Granted: Jan 01, 2015 - Dec 31, 2015)
Ranked List of Organizations with 40 or More Utility Patents Received in CY 2015

<u>ORGANIZATION</u>	<u>2015</u>	<u>TOTAL</u>
VETCO GRAY INC		
Patents By Year of Grant:	40	40
WIRTGEN GMBH		
Patents By Year of Grant:	40	40
Other Organizations (37461)		
Patents By Year of Grant:	104142	104142