

## 2021年のSDGs企業ランキング（米国特許商標庁）

目標	順位	出願人	スコア
2	1	MONSANTO TECHNOLOGY LLC	310.09
2	2	PIONEER HI-BRED INTERNATIONAL, INC.	177.87
2	3	CNH INDUSTRIAL AMERICA LLC	153.17
2	4	M.S. TECHNOLOGIES, L.L.C.	126.51
2	5	SAMSUNG ELECTRONICS CO., LTD.	96.13
2	6	DEERE & COMPANY	90.73
2	7	LG ELECTRONICS INC.	65.71
2	8	SYNGENTA CROP PROTECTION AG	61.95
2	9	QUALCOMM INCORPORATED	51.75
2	10	SEMINIS VEGETABLE SEEDS, INC.	49.56
2	11	HAIER US APPLIANCE SOLUTIONS, INC.	48.79
2	12	TOYOTA JIDOSHA KABUSHIKI KAISHA	48.29
2	13	SOCIETE DES PRODUITS NESTLE S.A.	39.82
2	14	BASF SE	38.26
2	15	INTERNATIONAL BUSINESS MACHINES CORPORATION	36.86
2	16	WHIRLPOOL CORPORATION	32.89
2	17	HUAWEI TECHNOLOGIES CO., LTD.	31.63
2	18	NUNHEMS B.V.	29.37
2	19	SUMITOMO CHEMICAL COMPANY, LIMITED	29.16
2	20	SYNGENTA PARTICIPATIONS AG	27.87
2	21	INTEL CORPORATION	27.71
2	22	PRECISION PLANTING LLC	25.39
2	23	X DEVELOPMENT LLC	24.12
2	24	STINE SEED FARM, INC.	23.48
2	25	BENSON HILL SEEDS, INC.	22.44
2	26	HYUNDAI MOTOR COMPANY	22.26
2	27	EVOGENE LTD.	21.62
2	28	CLAAS SELBSTFAHRENDE ERNTEMASCHINEN GMBH	21.47
2	29	BAYER AKTIENGESELLSCHAFT	20.65
2	30	ALTRIA CLIENT SERVICES LLC	20.51
2	31	CARGILL, INCORPORATED	20.28
2	32	AGCO INTERNATIONAL GMBH	20.08
2	33	KIA CORPORATION	19.51
2	34	ENZA ZADEN BEHEER B.V.	19.40
2	35	MIZKAN HOLDINGS CO., LTD.	19.37
2	36	CANON KABUSHIKI KAISHA	19.26
2	37	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	19.21
2	38	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	19.08
2	39	APPLE INC.	18.43
2	40	BASF AGRICULTURAL SOLUTIONS SEED US LLC	18.10
2	41	MICRON TECHNOLOGY, INC.	17.92
2	42	HONDA MOTOR CO., LTD.	17.64
2	43	SONY GROUP CORPORATION	17.52
2	44	CNH INDUSTRIAL CANADA, LTD.	17.33
2	45	THE CLIMATE CORPORATION	16.86
2	46	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	16.19
2	47	FORD GLOBAL TECHNOLOGIES, LLC	16.18
2	48	NOVOZYMES A/S	16.02
2	49	BLUE RIVER TECHNOLOGY INC.	16.00
2	50	RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V.	15.84
2	51	SAUDI ARABIAN OIL COMPANY	15.68
2	52	MICROSOFT TECHNOLOGY LICENSING, LLC	15.63
2	53	TATA CONSULTANCY SERVICES LIMITED	15.21
2	54	SAKATA SEED CORPORATION	14.44
2	55	SEOUL VIOSYS CO., LTD.	14.35
2	56	HM.CLAUSE, INC.	14.34
2	57	CAPITAL ONE SERVICES, LLC	14.21
2	58	SUNTORY HOLDINGS LIMITED	14.20
2	59	JIANGNAN UNIVERSITY	13.72

2	60	FUJIFILM CORPORATION	13.57
2	61	COLORADO STATE UNIVERSITY RESEARCH FOUNDATION	13.32
2	62	DELL PRODUCTS L.P.	13.26
2	63	ELECTROLUX HOME PRODUCTS, INC.	13.11
2	64	CERES, INC.	13.00
2	65	DSM IP ASSETS B.V.	12.88
2	66	MJNN LLC	12.80
2	67	CORTEVA AGRISCIENCE LLC	12.50
2	68	ZHEJIANG UNIVERSITY	12.43
2	69	GOOGLE LLC	12.28
2	70	MERTEC, LLC	12.22
2	71	BOE TECHNOLOGY GROUP CO., LTD.	12.19
2	72	FIRMENICH SA	12.11
2	73	AT&T INTELLECTUAL PROPERTY I, L.P.	12.03
2	74	AJINOMOTO CO., INC.	12.00
2	75	GENERAL MILLS, INC.	11.98
2	76	NEC CORPORATION	11.75
2	77	SK HYNIX INC.	11.69
2	78	KWS SAAT SE & CO. KGAA	11.55
2	79	SAMSUNG DISPLAY CO., LTD.	11.51
2	80	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	11.31
2	81	SEIKO EPSON CORPORATION	11.25
2	82	THE COCA-COLA COMPANY	10.82
2	83	MIDEA GROUP CO., LTD.	10.42
2	84	MARS, INCORPORATED	10.06
2	85	FARMOBILE, LLC	10.05
2	86	FUJITSU LIMITED	10.02
2	87	FUJIFILM BUSINESS INNOVATION CORP.	9.97
2	88	KABUSHIKI KAISHA TOSHIBA	9.86
2	89	E. I. DU PONT DE NEMOURS AND COMPANY	9.75
2	90	KUBOTA CORPORATION	9.72
2	91	DOW AGROSCIENCES LLC	9.49
2	92	SHARP KABUSHIKI KAISHA	9.47
2	93	SHARKNINJA OPERATING LLC	9.40
2	94	ADAMA MAKHTESHIM LTD.	9.37
2	95	BSH HAUSGERAETE GMBH	9.35
2	96	SIGNIFY HOLDING B.V.	9.21
2	97	DUPONT NUTRITION BIOSCIENCES APS	9.20
2	98	CISCO TECHNOLOGY, INC.	9.13
2	99	VORWERK & CO. INTERHOLDING GMBH	9.10
2	100	CHR. HANSEN A/S	8.99
3	1	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	584.94
3	2	COVIDIEN LP	484.43
3	3	BOSTON SCIENTIFIC SCIMED, INC.	331.04
3	4	FUJIFILM CORPORATION	330.76
3	5	SIEMENS HEALTHCARE GMBH	307.99
3	6	CILAG GMBH INTERNATIONAL	306.76
3	7	MEDTRONIC, INC.	301.44
3	8	GENENTECH, INC.	292.19
3	9	HOFFMANN-LA ROCHE INC.	291.00
3	10	THE BOARD OF TRUSTEES OF THE LELAND STANFORD JUNIOR UNIVERSITY	268.65
3	11	KONINKLIJKE PHILIPS N.V.	267.34
3	12	CANON MEDICAL SYSTEMS CORPORATION	259.62
3	13	REGENERON PHARMACEUTICALS, INC.	257.89
3	14	PRESIDENT AND FELLOWS OF HARVARD COLLEGE	242.27
3	15	BIOSENSE WEBSTER (ISRAEL) LTD.	240.69
3	16	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	233.06
3	17	OLYMPUS CORPORATION	231.88
3	18	BECTON, DICKINSON AND COMPANY	210.95
3	19	BOARD OF REGENTS, THE UNIVERSITY OF TEXAS SYSTEM	194.44
3	20	SAMSUNG ELECTRONICS CO., LTD.	193.88

3	21	DEPUY SYNTHES PRODUCTS, INC.	192.89
3	22	THE GENERAL HOSPITAL CORPORATION	187.19
3	23	THE TRUSTEES OF THE UNIVERSITY OF PENNSYLVANIA	179.72
3	24	STRYKER CORPORATION	178.79
3	25	WARSAW ORTHOPEDIC, INC.	176.48
3	26	EDWARDS LIFESCIENCES CORPORATION	171.41
3	27	GE PRECISION HEALTHCARE LLC	169.02
3	28	THE JOHNS HOPKINS UNIVERSITY	168.58
3	29	TERUMO KABUSHIKI KAISHA	166.61
3	30	INTERNATIONAL BUSINESS MACHINES CORPORATION	159.77
3	31	NOVARTIS AG	158.19
3	32	IMMATICUS BIOTECHNOLOGIES GMBH	153.39
3	33	THE TRUSTEES OF COLUMBIA UNIVERSITY IN THE CITY OF NEW YORK	149.77
3	34	PURDUE RESEARCH FOUNDATION	148.28
3	35	ETHICON LLC	141.48
3	36	GLOBUS MEDICAL, INC.	140.10
3	37	INTUITIVE SURGICAL OPERATIONS, INC.	133.67
3	38	MEMORIAL SLOAN KETTERING CANCER CENTER	133.58
3	39	ABBOTT DIABETES CARE INC.	133.30
3	40	MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH	130.99
3	41	DUKE UNIVERSITY	130.48
3	42	SHANGHAI UNITED IMAGING HEALTHCARE CO., LTD.	127.18
3	43	AMGEN INC.	125.53
3	44	PFIZER INC.	125.19
3	45	UNIVERSITY OF PITTSBURGH - OF THE COMMONWEALTH SYSTEM OF HIGHER EDUCATION	124.29
3	46	SANOFI	121.10
3	47	SMITH & NEPHEW, INC.	118.35
3	48	JANSSEN BIOTECH, INC.	112.31
3	49	THE BROAD INSTITUTE, INC.	112.00
3	50	NORTHWESTERN UNIVERSITY	111.92
3	51	DANA-FARBER CANCER INSTITUTE, INC.	111.42
3	52	THE REGENTS OF THE UNIVERSITY OF MICHIGAN	111.36
3	53	BRISTOL-MYERS SQUIBB COMPANY	110.96
3	54	MERCK SHARP & DOHME CORP.	103.76
3	55	ILLUMINA, INC.	102.31
3	56	RESMED PTY LTD	101.29
3	57	WISCONSIN ALUMNI RESEARCH FOUNDATION	100.61
3	58	THE PROCTER & GAMBLE COMPANY	99.76
3	59	UNIVERSITY OF WASHINGTON	97.29
3	60	DEXCOM, INC.	95.41
3	61	SYSMEX CORPORATION	91.09
3	62	CORNELL UNIVERSITY	90.21
3	63	JANSSEN PHARMACEUTICA NV	89.51
3	64	ZOLL MEDICAL CORPORATION	87.43
3	65	THE BOARD OF REGENTS OF THE UNIVERSITY OF TEXAS SYSTEM	86.77
3	66	WASHINGTON UNIVERSITY	86.24
3	67	10X GENOMICS, INC.	85.92
3	68	MEDTRONIC MINIMED, INC.	85.76
3	69	CALIFORNIA INSTITUTE OF TECHNOLOGY	84.48
3	70	PACESETTER, INC.	83.56
3	71	ARIZONA BOARD OF REGENTS ON BEHALF OF ARIZONA STATE UNIVERSITY	83.38
3	72	ALCON INC.	83.05
3	73	CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE	83.03
3	74	UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED	82.41
3	75	REGENTS OF THE UNIVERSITY OF MINNESOTA	82.39
3	76	UNIVERSITY OF MASSACHUSETTS	81.03
3	77	ST. JUDE MEDICAL, CARDIOLOGY DIVISION, INC.	80.67
3	78	ALIGN TECHNOLOGY, INC.	78.41
3	79	CHUGAI SEIYAKU KABUSHIKI KAISHA	78.08
3	80	TAKEDA PHARMACEUTICAL COMPANY LIMITED	78.03
3	81	HOWMEDICA OSTEONICS CORP.	77.37

3	82	BOEHRINGER INGELHEIM INTERNATIONAL GMBH	77.27
3	83	THE UNITED STATES OF AMERICA, AS REPRESENTED BY THE SECRETARY, DEPARTMENT OF HEALTH AND HUMAN SERVIC	76.52
3	84	SONY GROUP CORPORATION	76.36
3	85	YALE UNIVERSITY	75.78
3	86	MAKO SURGICAL CORP.	75.45
3	87	TOYOTA JIDOSHA KABUSHIKI KAISHA	75.15
3	88	RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY	74.28
3	89	ALNYLAM PHARMACEUTICALS, INC.	74.23
3	90	INCYTE CORPORATION	74.06
3	91	SAUDI ARABIAN OIL COMPANY	74.05
3	92	IONIS PHARMACEUTICALS, INC.	73.38
3	93	QUALCOMM INCORPORATED	72.47
3	94	THE BRIGHAM AND WOMEN'S HOSPITAL, INC.	72.11
3	95	BOE TECHNOLOGY GROUP CO., LTD.	70.96
3	96	SHENZHEN MINDRAY BIO-MEDICAL ELECTRONICS CO., LTD.	70.24
3	97	WEST AFFUM HOLDINGS CORP.	69.92
3	98	ELI LILLY AND COMPANY	69.28
3	99	LIFE TECHNOLOGIES CORPORATION	69.25
3	100	ARTHREX, INC.	68.78
6	1	LG ELECTRONICS INC.	221.22
6	2	SAUDI ARABIAN OIL COMPANY	213.53
6	3	SAMSUNG ELECTRONICS CO., LTD.	142.90
6	4	WHIRLPOOL CORPORATION	137.00
6	5	SEIKO EPSON CORPORATION	129.95
6	6	BROTHER KOGYO KABUSHIKI KAISHA	105.52
6	7	CANON KABUSHIKI KAISHA	99.46
6	8	HAIER US APPLIANCE SOLUTIONS, INC.	93.23
6	9	HALLIBURTON ENERGY SERVICES, INC.	91.67
6	10	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	83.83
6	11	KOHLER CO.	83.18
6	12	QUALCOMM INCORPORATED	55.60
6	13	TOYOTA JIDOSHA KABUSHIKI KAISHA	55.18
6	14	TOKYO ELECTRON LIMITED	48.25
6	15	INTEL CORPORATION	47.23
6	16	INTERNATIONAL BUSINESS MACHINES CORPORATION	41.14
6	17	RICOH COMPANY, LTD.	40.17
6	18	HUAWEI TECHNOLOGIES CO., LTD.	38.19
6	19	SEMES CO., LTD.	38.16
6	20	BAKER HUGHES OILFIELD OPERATIONS LLC	37.59
6	21	HAMILTON SUNDSTRAND CORPORATION	36.44
6	22	THE BOEING COMPANY	34.71
6	23	APPLIED MATERIALS, INC.	34.20
6	24	ECOLAB USA INC.	33.98
6	25	DENSO CORPORATION	33.42
6	26	HYUNDAI MOTOR COMPANY	33.28
6	27	BOE TECHNOLOGY GROUP CO., LTD.	32.00
6	28	THE PROCTER & GAMBLE COMPANY	30.99
6	29	MICRON TECHNOLOGY, INC.	30.67
6	30	SAMSUNG DISPLAY CO., LTD.	30.45
6	31	TYCO FIRE PRODUCTS LP	29.99
6	32	FUJIFILM CORPORATION	29.90
6	33	CHANGXIN MEMORY TECHNOLOGIES, INC.	29.56
6	34	ROBERT BOSCH GMBH	28.73
6	35	ILLINOIS TOOL WORKS INC.	28.57
6	36	TOTO LTD.	28.06
6	37	KIA CORPORATION	28.01
6	38	KABUSHIKI KAISHA TOSHIBA	27.99
6	39	MURATA MANUFACTURING CO., LTD.	26.98
6	40	YAZAKI CORPORATION	26.71
6	41	FORD GLOBAL TECHNOLOGIES, LLC	26.51
6	42	SCHLUMBERGER TECHNOLOGY CORPORATION	25.81

6	43	KIOXIA CORPORATION	24.59
6	44	HONEYWELL INTERNATIONAL INC.	22.92
6	45	ENPLAS CORPORATION	22.91
6	46	CATERPILLAR INC.	22.22
6	47	LG ENERGY SOLUTION, LTD.	22.20
6	48	APPLE INC.	21.66
6	49	EVOQUA WATER TECHNOLOGIES LLC	21.52
6	50	BAIDU USA LLC	20.61
6	51	SK HYNIX INC.	20.14
6	52	GENERAL ELECTRIC COMPANY	20.14
6	53	DELL PRODUCTS L.P.	20.10
6	54	MICROSOFT TECHNOLOGY LICENSING, LLC	19.37
6	55	HONDA MOTOR CO., LTD.	19.34
6	56	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	19.28
6	57	BECTON, DICKINSON AND COMPANY	19.24
6	58	RHEEM MANUFACTURING COMPANY	18.90
6	59	KUBOTA CORPORATION	18.67
6	60	FUNAI ELECTRIC CO., LTD.	18.54
6	61	CUMMINS FILTRATION IP, INC.	18.51
6	62	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	18.44
6	63	GOODRICH CORPORATION	18.17
6	64	SCREEN HOLDINGS CO., LTD.	18.07
6	65	CNH INDUSTRIAL AMERICA LLC	17.88
6	66	GROHE AG	17.88
6	67	GM GLOBAL TECHNOLOGY OPERATIONS LLC	16.68
6	68	BJ ENERGY SOLUTIONS, LLC	16.50
6	69	TOSHIBA TEC KABUSHIKI KAISHA	16.34
6	70	HEWLETT-PACKARD DEVELOPMENT COMPANY, L.P.	16.26
6	71	BOSTON SCIENTIFIC SCIMED, INC.	16.22
6	72	TEXAS INSTRUMENTS INCORPORATED	16.00
6	73	SONY GROUP CORPORATION	15.68
6	74	GRACO MINNESOTA INC.	15.59
6	75	DEERE & COMPANY	15.27
6	76	DELTA FAUCET COMPANY	15.23
6	77	HAYWARD INDUSTRIES, INC.	15.00
6	78	FUJIFILM BUSINESS INNOVATION CORP.	14.94
6	79	MIDEA GROUP CO., LTD.	14.79
6	80	KOHLER MIRA LIMITED	14.75
6	81	MANN+HUMMEL GMBH	14.51
6	82	SUMITOMO WIRING SYSTEMS, LTD.	14.39
6	83	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	14.10
6	84	FUJITSU LIMITED	14.06
6	85	GOOGLE LLC	13.59
6	86	ELECTROLUX HOME PRODUCTS, INC.	13.53
6	87	PUREWICK CORPORATION	13.47
6	88	DAIKIN INDUSTRIES, LTD.	13.45
6	89	AS AMERICA, INC.	13.27
6	90	OLYMPUS CORPORATION	13.24
6	91	mitsubishi electric corporation	13.16
6	92	RAYTHEON TECHNOLOGIES CORPORATION	13.14
6	93	NGK INSULATORS, LTD.	13.12
6	94	FMC TECHNOLOGIES, INC.	13.10
6	95	EBARA CORPORATION	13.10
6	96	SHIMADZU CORPORATION	12.82
6	97	DONALDSON COMPANY, INC.	12.74
6	98	PARKER-HANNIFIN CORPORATION	12.65
6	99	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	12.60
6	100	ABB SCHWEIZ AG	12.32
7	1	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	1307.22
7	2	SAMSUNG ELECTRONICS CO., LTD.	1278.31
7	3	SAMSUNG DISPLAY CO., LTD.	1055.86

7	4	TOYOTA JIDOSHA KABUSHIKI KAISHA	868.09
7	5	LG ENERGY SOLUTION, LTD.	819.58
7	6	BOE TECHNOLOGY GROUP CO., LTD.	671.98
7	7	HYUNDAI MOTOR COMPANY	563.14
7	8	KIA CORPORATION	495.53
7	9	MURATA MANUFACTURING CO., LTD.	477.28
7	10	INTEL CORPORATION	462.45
7	11	LG DISPLAY CO., LTD.	428.21
7	12	CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED	392.75
7	13	KABUSHIKI KAISHA TOSHIBA	378.23
7	14	INTERNATIONAL BUSINESS MACHINES CORPORATION	349.26
7	15	DENSO CORPORATION	343.92
7	16	HONDA MOTOR CO., LTD.	339.90
7	17	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	320.44
7	18	TEXAS INSTRUMENTS INCORPORATED	304.44
7	19	MICRON TECHNOLOGY, INC.	301.51
7	20	GM GLOBAL TECHNOLOGY OPERATIONS LLC	299.63
7	21	NICHIA CORPORATION	296.02
7	22	FORD GLOBAL TECHNOLOGIES, LLC	293.56
7	23	TDK CORPORATION	280.14
7	24	GENERAL ELECTRIC COMPANY	260.62
7	25	CANON KABUSHIKI KAISHA	258.66
7	26	mitsubishi electric corporation	246.39
7	27	SEIKO EPSON CORPORATION	244.14
7	28	SK HYNIX INC.	237.15
7	29	LG ELECTRONICS INC.	232.47
7	30	SEMICONDUCTOR ENERGY LABORATORY CO., LTD.	230.68
7	31	SAMSUNG ELECTRO-MECHANICS CO., LTD.	216.12
7	32	JAPAN DISPLAY INC.	212.94
7	33	FUJI ELECTRIC CO., LTD.	209.75
7	34	APPLE INC.	205.43
7	35	HUAWEI TECHNOLOGIES CO., LTD.	203.66
7	36	CHANGXIN MEMORY TECHNOLOGIES, INC.	201.75
7	37	QUALCOMM INCORPORATED	195.39
7	38	HAMILTON SUNDSTRAND CORPORATION	190.27
7	39	FUJIFILM CORPORATION	190.06
7	40	INFINEON TECHNOLOGIES AG	188.84
7	41	SONY SEMICONDUCTOR SOLUTIONS CORPORATION	184.56
7	42	KIOXIA CORPORATION	182.16
7	43	ROBERT BOSCH GMBH	176.77
7	44	APPLIED MATERIALS, INC.	173.08
7	45	STMICROELECTRONICS S.R.L.	169.84
7	46	SAMSUNG SDI CO., LTD.	162.83
7	47	UNITED MICROELECTRONICS CORP.	156.09
7	48	HYUNDAI MOBIS CO., LTD.	155.94
7	49	ROLLS-ROYCE PLC	151.58
7	50	RAYTHEON TECHNOLOGIES CORPORATION	147.54
7	51	ROHM CO., LTD.	139.38
7	52	TOKYO ELECTRON LIMITED	137.36
7	53	LG CHEM, LTD.	134.45
7	54	SONY GROUP CORPORATION	128.57
7	55	CHENGDU BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.	127.86
7	56	SK INNOVATION CO., LTD.	123.00
7	57	TOSHIBA ELECTRONIC DEVICES & STORAGE CORPORATION	121.63
7	58	SEMICONDUCTOR COMPONENTS INDUSTRIES, LLC	112.64
7	59	DELTA ELECTRONICS, INC.	110.00
7	60	AUDI AG	107.79
7	61	THE BOEING COMPANY	106.35
7	62	INNOLUX CORPORATION	104.75
7	63	SUMITOMO ELECTRIC INDUSTRIES, LTD.	104.71
7	64	MICROSOFT TECHNOLOGY LICENSING, LLC	104.54

7	65	CORETRONIC CORPORATION	100.63
7	66	NANYA TECHNOLOGY CORPORATION	99.54
7	67	NGK INSULATORS, LTD.	99.42
7	68	ABB SCHWEIZ AG	98.94
7	69	FUJIFILM BUSINESS INNOVATION CORP.	94.68
7	70	PRIME PLANET ENERGY & SOLUTIONS, INC.	94.05
7	71	DELL PRODUCTS L.P.	93.27
7	72	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	91.74
7	73	EATON INTELLIGENT POWER LIMITED	91.56
7	74	TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.	90.88
7	75	COMMISSARIAT A L'ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES	89.67
7	76	LUTRON TECHNOLOGY COMPANY LLC	86.84
7	77	ADVANCED SEMICONDUCTOR ENGINEERING, INC.	86.80
7	78	AU OPTRONICS CORPORATION	85.90
7	79	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	84.51
7	80	MILWAUKEE ELECTRIC TOOL CORPORATION	84.21
7	81	HONEYWELL INTERNATIONAL INC.	84.09
7	82	SCHAEFFLER TECHNOLOGIES AG & CO. KG	83.16
7	83	PRATT & WHITNEY CANADA CORP.	83.07
7	84	CATERPILLAR INC.	82.72
7	85	SUBARU CORPORATION	82.67
7	86	YAZAKI CORPORATION	81.96
7	87	CIRRUS LOGIC INTERNATIONAL SEMICONDUCTOR LTD.	79.68
7	88	LG INNOTEK CO., LTD.	79.52
7	89	INFINEON TECHNOLOGIES AUSTRIA AG	78.60
7	90	GLOBALFOUNDRIES U.S. INC.	77.15
7	91	SAUDI ARABIAN OIL COMPANY	76.52
7	92	GOOGLE LLC	76.47
7	93	SHARP KABUSHIKI KAISHA	75.72
7	94	SIEMENS AKTIENGESELLSCHAFT	73.86
7	95	TAIYO YUDEN CO., LTD.	71.24
7	96	DR. ING. H.C. F. PORSCHE AKTIENGESELLSCHAFT	70.69
7	97	KIA MOTORS CORPORATION	69.03
7	98	LUMILEDS LLC	68.79
7	99	DAIKIN INDUSTRIES, LTD.	68.51
7	100	YANGTZE MEMORY TECHNOLOGIES CO., LTD.	68.21
8	1	TOYOTA JIDOSHA KABUSHIKI KAISHA	954.34
8	2	SAMSUNG ELECTRONICS CO., LTD.	694.34
8	3	INTERNATIONAL BUSINESS MACHINES CORPORATION	623.51
8	4	CAPITAL ONE SERVICES, LLC	586.86
8	5	CANON KABUSHIKI KAISHA	516.47
8	6	FUJIFILM BUSINESS INNOVATION CORP.	441.76
8	7	HYUNDAI MOTOR COMPANY	427.93
8	8	KIA CORPORATION	371.43
8	9	FORD GLOBAL TECHNOLOGIES, LLC	355.81
8	10	MICROSOFT TECHNOLOGY LICENSING, LLC	343.16
8	11	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	334.30
8	12	HONDA MOTOR CO., LTD.	313.38
8	13	SAMSUNG DISPLAY CO., LTD.	296.31
8	14	GOOGLE LLC	289.43
8	15	SEIKO EPSON CORPORATION	285.06
8	16	QUALCOMM INCORPORATED	267.31
8	17	BOE TECHNOLOGY GROUP CO., LTD.	260.17
8	18	APPLE INC.	257.66
8	19	INTEL CORPORATION	256.44
8	20	HUAWEI TECHNOLOGIES CO., LTD.	243.02
8	21	TOSHIBA TEC KABUSHIKI KAISHA	225.14
8	22	KABUSHIKI KAISHA TOSHIBA	213.57
8	23	THE BOEING COMPANY	204.12
8	24	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	202.89
8	25	SONY GROUP CORPORATION	200.98

8	26	BANK OF AMERICA CORPORATION	192.21
8	27	BEIJING Baidu NETCOM SCIENCE AND TECHNOLOGY CO., LTD.	182.85
8	28	FUJITSU LIMITED	175.45
8	29	ROBERT BOSCH GMBH	170.09
8	30	FANUC CORPORATION	167.17
8	31	BROTHER KOGYO KABUSHIKI KAISHA	166.78
8	32	PAYPAL, INC.	162.91
8	33	DELL PRODUCTS L.P.	162.10
8	34	MASTERCARD INTERNATIONAL INCORPORATED	161.53
8	35	GM GLOBAL TECHNOLOGY OPERATIONS LLC	160.96
8	36	FUJIFILM CORPORATION	159.05
8	37	AT&T INTELLECTUAL PROPERTY I, L.P.	157.70
8	38	NEC CORPORATION	157.27
8	39	HYUNDAI MOBIS CO., LTD.	155.18
8	40	WALMART APOLLO, LLC	154.45
8	41	DENSO CORPORATION	153.97
8	42	MICRON TECHNOLOGY, INC.	144.34
8	43	EBAY INC.	142.95
8	44	JPMORGAN CHASE BANK, N.A.	135.02
8	45	LG ELECTRONICS INC.	134.46
8	46	RICOH COMPANY, LTD.	131.81
8	47	ORACLE INTERNATIONAL CORPORATION	126.67
8	48	ADVANCED NEW TECHNOLOGIES CO., LTD.	124.71
8	49	HITACHI, LTD.	124.43
8	50	KYOCERA DOCUMENT SOLUTIONS INC.	122.21
8	51	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	119.23
8	52	ADOBE INC.	115.90
8	53	MITSUBISHI ELECTRIC CORPORATION	113.80
8	54	CATERPILLAR INC.	113.73
8	55	SALESFORCE.COM, INC.	112.64
8	56	HONEYWELL INTERNATIONAL INC.	109.20
8	57	LG DISPLAY CO., LTD.	107.22
8	58	COUPANG CORP.	104.81
8	59	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	102.63
8	60	SAP SE	100.49
8	61	KONICA MINOLTA, INC.	99.52
8	62	SK HYNIX INC.	99.18
8	63	SNAP INC.	98.20
8	64	SAUDI ARABIAN OIL COMPANY	97.11
8	65	INTUIT INC.	96.83
8	66	LG ENERGY SOLUTION, LTD.	95.73
8	67	MURATA MANUFACTURING CO., LTD.	92.32
8	68	VISA INTERNATIONAL SERVICE ASSOCIATION	92.20
8	69	KIOXIA CORPORATION	91.20
8	70	CHANGXIN MEMORY TECHNOLOGIES, INC.	90.77
8	71	DEERE & COMPANY	88.17
8	72	SUBARU CORPORATION	86.79
8	73	GENERAL ELECTRIC COMPANY	83.87
8	74	MILWAUKEE ELECTRIC TOOL CORPORATION	83.32
8	75	NIKE, INC.	81.18
8	76	THE TORONTO-DOMINION BANK	80.21
8	77	TATA CONSULTANCY SERVICES LIMITED	80.06
8	78	ROVI GUIDES, INC.	78.01
8	79	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.	77.34
8	80	TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.	75.94
8	81	TEXAS INSTRUMENTS INCORPORATED	75.73
8	82	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	75.11
8	83	EMC IP HOLDING COMPANY LLC	74.23
8	84	SZ DJI TECHNOLOGY CO., LTD.	72.71
8	85	NCR CORPORATION	72.31
8	86	SAMSUNG ELECTRO-MECHANICS CO., LTD.	70.78



8	87	GROUPON, INC.	70.13
8	88	MAZDA MOTOR CORPORATION	69.95
8	89	SHARP KABUSHIKI KAISHA	69.54
8	90	CISCO TECHNOLOGY, INC.	69.33
8	91	ONETRUST, LLC	69.30
8	92	VERIZON PATENT AND LICENSING INC.	68.79
8	93	JAPAN DISPLAY INC.	68.17
8	94	CNH INDUSTRIAL AMERICA LLC	67.39
8	95	ACCENTURE GLOBAL SOLUTIONS LIMITED	66.37
8	96	VIVO MOBILE COMMUNICATION CO., LTD.	65.41
8	97	OSHKOSH CORPORATION	64.97
8	98	TOKYO ELECTRON LIMITED	62.44
8	99	ILLINOIS TOOL WORKS INC.	61.81
8	100	THE NIELSEN COMPANY (US), LLC	61.65
9	1	QUALCOMM INCORPORATED	4287.61
9	2	SAMSUNG ELECTRONICS CO., LTD.	3765.46
9	3	HUAWEI TECHNOLOGIES CO., LTD.	2604.52
9	4	INTEL CORPORATION	2293.28
9	5	MICRON TECHNOLOGY, INC.	1563.44
9	6	INTERNATIONAL BUSINESS MACHINES CORPORATION	1550.45
9	7	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	1504.54
9	8	APPLE INC.	1143.60
9	9	SK HYNIX INC.	1047.07
9	10	DELL PRODUCTS L.P.	1038.05
9	11	MICROSOFT TECHNOLOGY LICENSING, LLC	1007.04
9	12	LG ELECTRONICS INC.	943.83
9	13	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	941.50
9	14	AT&T INTELLECTUAL PROPERTY I, L.P.	858.75
9	15	GOOGLE LLC	781.50
9	16	CISCO TECHNOLOGY, INC.	774.62
9	17	FUJITSU LIMITED	686.66
9	18	KIOXIA CORPORATION	657.59
9	19	TELEFONAKTIEBOLAGET LM ERICSSON (PUBL)	651.03
9	20	EMC IP HOLDING COMPANY LLC	629.48
9	21	VIVO MOBILE COMMUNICATION CO., LTD.	617.64
9	22	SONY GROUP CORPORATION	600.20
9	23	VMWARE, INC.	595.44
9	24	ORACLE INTERNATIONAL CORPORATION	529.73
9	25	CAPITAL ONE SERVICES, LLC	528.33
9	26	BANK OF AMERICA CORPORATION	521.41
9	27	CANON KABUSHIKI KAISHA	515.27
9	28	WESTERN DIGITAL TECHNOLOGIES, INC.	498.73
9	29	ZTE CORPORATION	492.56
9	30	BOE TECHNOLOGY GROUP CO., LTD.	486.10
9	31	TEXAS INSTRUMENTS INCORPORATED	479.52
9	32	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	467.97
9	33	VERIZON PATENT AND LICENSING INC.	455.36
9	34	NEC CORPORATION	453.92
9	35	CHANGXIN MEMORY TECHNOLOGIES, INC.	432.59
9	36	SAMSUNG DISPLAY CO., LTD.	427.49
9	37	NOKIA TECHNOLOGIES OY	416.09
9	38	KABUSHIKI KAISHA TOSHIBA	414.91
9	39	ARRIS ENTERPRISES LLC	409.18
9	40	SALESFORCE.COM, INC.	349.74
9	41	CITRIX SYSTEMS, INC.	346.05
9	42	HEWLETT PACKARD ENTERPRISE DEVELOPMENT LP	336.56
9	43	SAP SE	318.05
9	44	mitsubishi electric corporation	309.25
9	45	ADVANCED MICRO DEVICES, INC.	308.30
9	46	TENCENT AMERICA LLC	299.02
9	47	YANGTZE MEMORY TECHNOLOGIES CO., LTD.	297.31

9	48	COMMSCOPE TECHNOLOGIES LLC	287.08
9	49	MURATA MANUFACTURING CO., LTD.	284.21
9	50	REALTEK SEMICONDUCTOR CORP.	281.01
9	51	HITACHI, LTD.	280.36
9	52	TOYOTA JIDOSHA KABUSHIKI KAISHA	269.55
9	53	ADVANCED NEW TECHNOLOGIES CO., LTD.	266.71
9	54	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	261.00
9	55	AMAZON TECHNOLOGIES, INC.	255.73
9	56	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.	252.09
9	57	COMCAST CABLE COMMUNICATIONS, LLC	251.94
9	58	FUJIFILM BUSINESS INNOVATION CORP.	245.75
9	59	LENOVO (SINGAPORE) PTE. LTD.	241.80
9	60	PANASONIC INTELLECTUAL PROPERTY CORPORATION OF AMERICA	231.85
9	61	APPLIED MATERIALS, INC.	225.68
9	62	BEIJING BAIDU NETCOM SCIENCE AND TECHNOLOGY CO., LTD.	216.96
9	63	RED HAT, INC.	214.49
9	64	SANDISK TECHNOLOGIES LLC	205.65
9	65	T-MOBILE USA, INC.	198.03
9	66	JPMORGAN CHASE BANK, N.A.	193.88
9	67	NVIDIA CORPORATION	193.49
9	68	PURE STORAGE, INC.	191.36
9	69	TOKYO ELECTRON LIMITED	189.14
9	70	INFINEON TECHNOLOGIES AG	188.84
9	71	CHARTER COMMUNICATIONS OPERATING, LLC	182.03
9	72	OFINNO, LLC	181.35
9	73	SUMITOMO ELECTRIC INDUSTRIES, LTD.	180.92
9	74	MEDIATEK INC.	180.36
9	75	SHARP KABUSHIKI KAISHA	177.14
9	76	TOSHIBA MEMORY CORPORATION	173.31
9	77	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	167.52
9	78	SAMSUNG ELECTRO-MECHANICS CO., LTD.	166.13
9	79	SNAP INC.	166.12
9	80	JUNIPER NETWORKS, INC.	161.94
9	81	NOKIA SOLUTIONS AND NETWORKS OY	161.82
9	82	ROBERT BOSCH GMBH	161.78
9	83	SEIKO EPSON CORPORATION	160.63
9	84	ALIPAY (HANGZHOU) INFORMATION TECHNOLOGY CO., LTD.	157.65
9	85	HONEYWELL INTERNATIONAL INC.	153.12
9	86	LG DISPLAY CO., LTD.	151.82
9	87	THE BOEING COMPANY	148.03
9	88	ROVI GUIDES, INC.	147.20
9	89	ARM LIMITED	146.28
9	90	BROTHER KOGYO KABUSHIKI KAISHA	144.04
9	91	PAYPAL, INC.	143.41
9	92	ADVANCED SEMICONDUCTOR ENGINEERING, INC.	139.87
9	93	HYUNDAI MOTOR COMPANY	137.19
9	94	NXP USA, INC.	129.42
9	95	NANYA TECHNOLOGY CORPORATION	128.86
9	96	DENSO CORPORATION	126.98
9	97	INTERDIGITAL PATENT HOLDINGS, INC.	126.57
9	98	SONOS, INC.	126.46
9	99	ASUSTEK COMPUTER INC.	125.50
9	100	KYOCERA CORPORATION	125.47
11	1	TOYOTA JIDOSHA KABUSHIKI KAISHA	1533.00
11	2	HYUNDAI MOTOR COMPANY	930.75
11	3	KIA CORPORATION	797.32
11	4	FORD GLOBAL TECHNOLOGIES, LLC	778.33
11	5	SAMSUNG ELECTRONICS CO., LTD.	519.74
11	6	HONDA MOTOR CO., LTD.	516.91
11	7	HYUNDAI MOBIS CO., LTD.	387.51
11	8	GM GLOBAL TECHNOLOGY OPERATIONS LLC	309.87

11	9	DENSO CORPORATION	263.09
11	10	SAMSUNG DISPLAY CO., LTD.	258.05
11	11	BOE TECHNOLOGY GROUP CO., LTD.	253.75
11	12	APPLE INC.	239.30
11	13	THE BOEING COMPANY	231.16
11	14	SONY GROUP CORPORATION	226.91
11	15	CANON KABUSHIKI KAISHA	215.69
11	16	QUALCOMM INCORPORATED	213.89
11	17	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	207.57
11	18	ROBERT BOSCH GMBH	193.40
11	19	SUBARU CORPORATION	192.35
11	20	INTEL CORPORATION	191.07
11	21	HUAWEI TECHNOLOGIES CO., LTD.	190.73
11	22	HONEYWELL INTERNATIONAL INC.	189.78
11	23	SAUDI ARABIAN OIL COMPANY	180.74
11	24	INTERNATIONAL BUSINESS MACHINES CORPORATION	173.25
11	25	GM CRUISE HOLDINGS LLC	166.67
11	26	SEIKO EPSON CORPORATION	164.21
11	27	TOYOTA MOTOR ENGINEERING & MANUFACTURING NORTH AMERICA, INC.	162.63
11	28	MAZDA MOTOR CORPORATION	160.48
11	29	SZ DJI TECHNOLOGY CO., LTD.	157.87
11	30	BEIJING BAIDU NETCOM SCIENCE AND TECHNOLOGY CO., LTD.	157.18
11	31	WAYMO LLC	149.69
11	32	MICROSOFT TECHNOLOGY LICENSING, LLC	145.61
11	33	LG ELECTRONICS INC.	138.62
11	34	GOOGLE LLC	136.18
11	35	KIA MOTORS CORPORATION	135.05
11	36	MAGIC LEAP, INC.	129.43
11	37	HERE GLOBAL B.V.	125.76
11	38	TENCENT TECHNOLOGY (SHENZHEN) COMPANY LIMITED	121.67
11	39	LG DISPLAY CO., LTD.	116.90
11	40	SUMITOMO RUBBER INDUSTRIES, LTD.	114.01
11	41	NEC CORPORATION	109.24
11	42	CATERPILLAR INC.	107.16
11	43	KABUSHIKI KAISHA TOSHIBA	105.97
11	44	FUJIFILM CORPORATION	105.33
11	45	ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE	103.24
11	46	mitsubishi electric corporation	101.96
11	47	VOLKSWAGEN AKTIENGESELLSCHAFT	96.64
11	48	DEERE & COMPANY	95.84
11	49	NVIDIA CORPORATION	95.78
11	50	TOYOTA RESEARCH INSTITUTE, INC.	94.96
11	51	HALLIBURTON ENERGY SERVICES, INC.	92.19
11	52	APTIV TECHNOLOGIES LIMITED	91.04
11	53	MAGNA ELECTRONICS INC.	86.70
11	54	OSHKOSH CORPORATION	84.62
11	55	BAYERISCHE MOTOREN WERKE AKTIENGESELLSCHAFT	82.49
11	56	CAPITAL ONE SERVICES, LLC	82.00
11	57	JTEKT CORPORATION	77.86
11	58	ZOOX, INC.	77.73
11	59	NIKE, INC.	76.89
11	60	ARGO AI, LLC	74.36
11	61	AT&T INTELLECTUAL PROPERTY I, L.P.	73.58
11	62	MOTIONAL AD LLC	70.70
11	63	SNAP INC.	70.30
11	64	FUJIFILM BUSINESS INNOVATION CORP.	70.20
11	65	SONY INTERACTIVE ENTERTAINMENT INC.	69.15
11	66	MICRON TECHNOLOGY, INC.	68.79
11	67	MANDO CORPORATION	67.98
11	68	ADOBE INC.	67.93
11	69	CNH INDUSTRIAL AMERICA LLC	67.46

11	70	KONE CORPORATION	67.44
11	71	KUBOTA CORPORATION	66.36
11	72	CORETRONIC CORPORATION	66.03
11	73	GUANGDONG OPPO MOBILE TELECOMMUNICATIONS CORP., LTD.	65.19
11	74	FACEBOOK TECHNOLOGIES, LLC	64.85
11	75	JAPAN DISPLAY INC.	64.84
11	76	FUJITSU LIMITED	64.81
11	77	BELL TEXTRON INC.	63.51
11	78	NISSAN NORTH AMERICA, INC.	62.99
11	79	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	62.75
11	80	B/E AEROSPACE, INC.	60.23
11	81	BETA AIR, LLC	58.94
11	82	DELL PRODUCTS L.P.	58.20
11	83	SONY SEMICONDUCTOR SOLUTIONS CORPORATION	55.90
11	84	HITACHI ASTEMO, LTD.	55.50
11	85	SHENZHEN VOXTECH CO., LTD.	55.35
11	86	KOITO MANUFACTURING CO., LTD.	54.21
11	87	VERIZON PATENT AND LICENSING INC.	53.70
11	88	HELLA GMBH & CO. KGAA	53.67
11	89	VOLVO TRUCK CORPORATION	53.56
11	90	MOBILEYE VISION TECHNOLOGIES LTD.	53.46
11	91	YAMAHA HATSUDOKI KABUSHIKI KAISHA	52.72
11	92	ROCKWELL COLLINS, INC.	52.09
11	93	JVCKENWOOD CORPORATION	51.88
11	94	DR. ING. H.C. F. PORSCHE AKTIENGESELLSCHAFT	51.88
11	95	AUDI AG	51.31
11	96	POLARIS INDUSTRIES INC.	50.84
11	97	RAYTHEON COMPANY	50.59
11	98	CHENGDU BOE OPTOELECTRONICS TECHNOLOGY CO., LTD.	50.41
11	99	GOODRICH CORPORATION	48.77
11	100	BEIJING XIAOMI MOBILE SOFTWARE CO., LTD.	47.18
13	1	SAUDI ARABIAN OIL COMPANY	208.59
13	2	TOYOTA JIDOSHA KABUSHIKI KAISHA	174.02
13	3	SAMSUNG ELECTRONICS CO., LTD.	113.98
13	4	HYUNDAI MOTOR COMPANY	107.10
13	5	KIA CORPORATION	83.89
13	6	FORD GLOBAL TECHNOLOGIES, LLC	75.92
13	7	NGK INSULATORS, LTD.	75.38
13	8	GENERAL ELECTRIC COMPANY	65.53
13	9	DAIKIN INDUSTRIES, LTD.	63.46
13	10	LG ELECTRONICS INC.	63.15
13	11	TAIWAN SEMICONDUCTOR MANUFACTURING CO., LTD.	59.04
13	12	DENSO CORPORATION	54.57
13	13	APPLIED MATERIALS, INC.	53.04
13	14	HONEYWELL INTERNATIONAL INC.	52.53
13	15	HONDA MOTOR CO., LTD.	48.40
13	16	L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE	47.29
13	17	SAMSUNG DISPLAY CO., LTD.	42.28
13	18	KING FAHD UNIVERSITY OF PETROLEUM AND MINERALS	41.11
13	19	RAYTHEON TECHNOLOGIES CORPORATION	39.64
13	20	TOKYO ELECTRON LIMITED	38.43
13	21	CATERPILLAR INC.	38.31
13	22	QUALCOMM INCORPORATED	36.44
13	23	ROLLS-ROYCE PLC	35.74
13	24	KABUSHIKI KAISHA TOSHIBA	35.66
13	25	VITESCO TECHNOLOGIES GMBH	35.16
13	26	BOE TECHNOLOGY GROUP CO., LTD.	34.18
13	27	PANASONIC INTELLECTUAL PROPERTY MANAGEMENT CO., LTD.	32.76
13	28	INTEL CORPORATION	32.23
13	29	MICROJET TECHNOLOGY CO., LTD.	32.19
13	30	HAMILTON SUNDSTRAND CORPORATION	32.08

13	31	CUMMINS INC.	31.96
13	32	HALLIBURTON ENERGY SERVICES, INC.	31.04
13	33	KOKUSAI ELECTRIC CORPORATION	30.19
13	34	ROBERT BOSCH GMBH	29.50
13	35	PRATT & WHITNEY CANADA CORP.	27.88
13	36	GM GLOBAL TECHNOLOGY OPERATIONS LLC	27.77
13	37	INTERNATIONAL BUSINESS MACHINES CORPORATION	27.67
13	38	LG ENERGY SOLUTION, LTD.	27.59
13	39	BASF SE	27.29
13	40	AIR PRODUCTS AND CHEMICALS, INC.	26.93
13	41	HUAWEI TECHNOLOGIES CO., LTD.	26.82
13	42	THE BOEING COMPANY	26.68
13	43	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA	26.01
13	44	LG CHEM, LTD.	24.84
13	45	CHEVRON U.S.A. INC.	24.61
13	46	UOP LLC	24.30
13	47	JOHNSON MATTHEY PUBLIC LIMITED COMPANY	24.28
13	48	KIA MOTORS CORPORATION	24.16
13	49	MASSACHUSETTS INSTITUTE OF TECHNOLOGY	24.15
13	50	EATON INTELLIGENT POWER LIMITED	23.50
13	51	CANON KABUSHIKI KAISHA	23.39
13	52	MAZDA MOTOR CORPORATION	21.63
13	53	MITSUBISHI HEAVY INDUSTRIES, LTD.	21.35
13	54	BASF CORPORATION	20.87
13	55	EVONIK OPERATIONS GMBH	20.21
13	56	FUJIFILM CORPORATION	19.55
13	57	VOLVO TRUCK CORPORATION	19.50
13	58	MICRON TECHNOLOGY, INC.	19.12
13	59	APPLE INC.	19.06
13	60	CHANGXIN MEMORY TECHNOLOGIES, INC.	19.03
13	61	LG DISPLAY CO., LTD.	18.74
13	62	BAKER HUGHES OILFIELD OPERATIONS LLC	18.20
13	63	DOW GLOBAL TECHNOLOGIES LLC	17.96
13	64	MICROSOFT TECHNOLOGY LICENSING, LLC	17.76
13	65	DEERE & COMPANY	17.72
13	66	CUMMINS EMISSION SOLUTIONS INC.	17.66
13	67	BJ ENERGY SOLUTIONS, LLC	17.66
13	68	KING ABDULLAH UNIVERSITY OF SCIENCE AND TECHNOLOGY	17.36
13	69	EXXONMOBIL RESEARCH AND ENGINEERING COMPANY	17.28
13	70	SEIKO EPSON CORPORATION	17.16
13	71	LAM RESEARCH CORPORATION	16.43
13	72	KIOXIA CORPORATION	16.28
13	73	SUBARU CORPORATION	15.98
13	74	MURATA MANUFACTURING CO., LTD.	15.64
13	75	TRANSPORTATION IP HOLDINGS, LLC	15.21
13	76	CHEVRON PHILLIPS CHEMICAL COMPANY LP	15.20
13	77	WHIRLPOOL CORPORATION	14.98
13	78	EASTMAN CHEMICAL COMPANY	14.96
13	79	LUMMUS TECHNOLOGY LLC	14.96
13	80	YANMAR POWER TECHNOLOGY CO., LTD.	14.52
13	81	ASM IP HOLDING B.V.	14.39
13	82	DELL PRODUCTS L.P.	13.99
13	83	DR. ING. H.C. F. PORSCHE AKTIENGESELLSCHAFT	13.83
13	84	CONTEMPORARY AMPEREX TECHNOLOGY CO., LIMITED	13.76
13	85	PURDUE RESEARCH FOUNDATION	13.70
13	86	SONY GROUP CORPORATION	13.60
13	87	SABIC GLOBAL TECHNOLOGIES B.V.	13.60
13	88	IHI CORPORATION	13.29
13	89	SK HYNIX INC.	13.23
13	90	KOREA UNIVERSITY RESEARCH AND BUSINESS FOUNDATION	13.22
13	91	SEMES CO., LTD.	13.15

13	92	MITSUBISHI ELECTRIC CORPORATION	13.13
13	93	HYUNDAI MOBIS CO., LTD.	13.07
13	94	KOREA INSTITUTE OF SCIENCE AND TECHNOLOGY	12.94
13	95	TOSHIBA ENERGY SYSTEMS & SOLUTIONS CORPORATION	12.93
13	96	INDIAN OIL CORPORATION LIMITED	12.92
13	97	SHIMADZU CORPORATION	12.88
13	98	TOPSOE A/S	12.72
13	99	SOUTHWEST PETROLEUM UNIVERSITY	12.35
13	100	HAIER US APPLIANCE SOLUTIONS, INC.	12.07