PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3771121

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PANASONIC CORPORATION	02/10/2016

RECEIVING PARTY DATA

Name:	INTEL CORPORATION
Street Address:	2200 MISSION COLLEGE BOULEVARD
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054

PROPERTY NUMBERS Total: 74

Property Type	Number
Patent Number:	8140030
Patent Number:	7554395
Patent Number:	7010276
Patent Number:	7035604
Patent Number:	7444125
Patent Number:	7515885
PCT Number:	US2002011776
Patent Number:	6094101
PCT Number:	US2000006757
Patent Number:	6198347
PCT Number:	US2000020750
Patent Number:	6864668
PCT Number:	US2000003384
Patent Number:	7808323
Patent Number:	7949316
PCT Number:	US2006514150
PCT Number:	US2006514152
PCT Number:	US2006514198
Patent Number:	6377784
Patent Number:	7099635

Property Type	Number
Patent Number:	7395038
PCT Number:	US2000003350
Patent Number:	6636112
Patent Number:	6816016
PCT Number:	US2000020841
Patent Number:	7409004
PCT Number:	US2006591702
Patent Number:	6751265
Patent Number:	7636386
PCT Number:	JP2006323263
Patent Number:	8331490
Patent Number:	8385464
Patent Number:	8363752
Patent Number:	8483312
Patent Number:	7158494
PCT Number:	US2002033774
Patent Number:	8095093
Application Number:	60983154
Patent Number:	8301088
Application Number:	61068506
Patent Number:	8145147
Patent Number:	7212069
Patent Number:	7292105
Patent Number:	7755422
Patent Number:	6734724
Patent Number:	6844776
Patent Number:	7042282
PCT Number:	US2001031523
Patent Number:	6995613
Patent Number:	7227419
Patent Number:	7250820
PCT Number:	US2004023878
Patent Number:	7642847
Patent Number:	6781452
Patent Number:	6924695
Patent Number:	7038536
PCT Number:	US2002027919
Patent Number:	7557671

Property Type	Number
PCT Number:	JP2008000177
Patent Number:	7675993
Patent Number:	7054385
PCT Number:	US2002033779
Patent Number:	7265618
PCT Number:	US2001014258
Application Number:	60922261
Patent Number:	7688157
Patent Number:	6690215
PCT Number:	US2002027661
Patent Number:	7383027
Patent Number:	7925226
Patent Number:	7583940
PCT Number:	JP2006324388
Patent Number:	8131234
Patent Number:	8331882

CORRESPONDENCE DATA

Fax Number: (612)677-3572

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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Correspondent Name: ANGELA MILLER
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Address Line 2: P.O. BOX 52050
Address Line 4: MINNEAPOLIS, MINNESOTA 55402

ATTORNEY DOCKET NUMBER:	PANASONIC
NAME OF SUBMITTER:	ANGELA MILLER
SIGNATURE:	/Angela Miller/
DATE SIGNED:	03/07/2016

Total Attachments: 9
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EXHIBIT B-1 (U.S.)
Patent Assignment

Panasonic Corporation, a Japanese corporation with an office at 1006 Kadoma, Kadoma City, Osaka 571-8506, Japan ("Assignor") is the sole owner of the patents and patent applications listed in Schedule 1 hereto (collectively the "Listed Patents"); and

Intel Corporation, a Delaware corporation, with an office at 2200 Mission College Boulevard, Santa Clara, CA 95054 ("Assignee"), desires to acquire all right, title and interest in the Listed Patents and the other patents and related rights described below.

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor does hereby sell, assign, transfer and convey to Assignee and its successors and assigns all right, title and interest that may exist today and in the future to any and all:

(1) Listed Patents;

(2) patents and patent applications to which any of the Listed Patents directly or indirectly claims, or forms the basis for, priority anywhere in the world;

(3) reissues, reexaminations, extensions, continuations, continuations-in-part, continuing prosecution applications and divisions of any of the items covered by (1) or (2) above;

(4) foreign counterparts to any of the items covered by (1), (2) or (3) above, including without limitation utility models, inventors' certificates, industrial design protection and any other form of governmental grants or issuances for the protection of inventions, designs or discoveries;

(5) inventions, invention disclosures, designs and discoveries described, disclosed or claimed in the items covered by (1) through (4) above;

(6) patents that issue from any of the items covered by (1) through (5) above;

(7) claims, causes of action and enforcement rights of any kind, whether currently pending, filed or otherwise, and whether known or unknown, under or arising from any of the items covered by (1) through (6) above, including without limitation all rights to pursue and collect damages, costs, injunctive relief and other remedies for past, current or future infringement thereof, and including without limitation rights afforded under 35 U.S.C. § 154(d);

(8) royalties, income and other payments due as of the date hereof or hereafter under or arising from any of the items covered by (1) through (7) above except for the royalty, income and other payments under the agreement executed by and between Assignor and third parties before the Effective Date; and

(9) rights to apply for, file, register, maintain, extend and renew in any or all countries of the world patents, certificates of invention, utility models, industrial design protection, design patent protection and other governmental grants or issuances of any kind related to any of the items covered by (1) through (8) above.

Assignor shall execute and deliver any instruments, and do and perform any other acts and

things as may be reasonably necessary or desirable for effecting and evidencing the assignments contemplated hereby, including without limitation the execution, acknowledgment and recordation of any instruments.

Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks and any other patent office to issue any and all patents, utility models or other governmental grants or issuances pertaining to any of the items assigned hereunder in the name of Assignee.

The assignments and rights pursuant hereto will inure to the benefit of Assignee and its successors, assigns and other legal representatives and is binding upon Assignor and its successors, assigns, heirs and legal representatives.

Assignor, by its duly authorized representative, has executed this assignment on the date set forth below.

DATE: Feb. 10, 2016

Panasonic Corporation

By: Koichi Nemura
Printed/Typed Name

Title: Authorized Signing Officer

Signature

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of Koichi Nomura to the above Patent Assignment on behalf of Panasonic Corporation and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation if called upon to do so.

2. Koichi Nomura is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on February 1, 2016 to execute the above Patent Assignment on behalf of Panasonic Corporation.

3. Koichi Nomura executed the above Patent Assignment on behalf of Panasonic Corporation.

I declare under penalty of perjury under the laws of the United States of America that the statements made above in this Attestation are true and correct.

EXECUTED on Feb 1, 2016

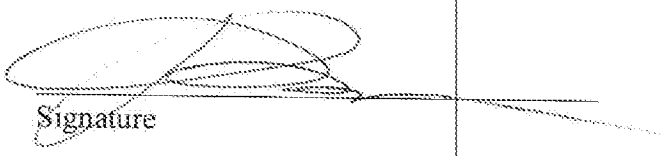
Signature: Hiromi Morinaga
Print Name: Hiromi Morinaga

ACCEPTED: Feb. 23 2016

Intel Corporation

By: Rob Hinchliffe
Printed/Typed Name

Title: Senior Counsel



Signature

Panasonic Family ID	Application Number	Publication / Patent Number	Country Code	Status	Title
GP049837	US2008209981A	US8140030B2	US	Active	ADAPTIVE IMPEDANCE CONVERTER ADAPTIVELY CONTROLS LOAD IMPEDANCE
GP045595	US2007823891A	US7554395B1	US	Active	AUTOMATIC LOW BATTERY COMPENSATION SCALING ACROSS MULTIPLE POWER AMPLIFIER STAGES
GP043760	US2001834024A	US7010276B2	US	Active	COMMUNICATIONS SIGNAL AMPLIFIERS HAVING INDEPENDENT POWER CONTROL AND AMPLITUDE MODULATION
GP043760	US2004887586A	US7035604B2	US	Active	COMMUNICATIONS SIGNAL AMPLIFIERS HAVING INDEPENDENT POWER CONTROL AND AMPLITUDE MODULATION
GP043760	US2005208301A	US7444125B2	US	Active	COMMUNICATIONS SIGNAL AMPLIFIERS HAVING INDEPENDENT POWER CONTROL AND AMPLITUDE MODULATION
GP043760	US2005208327A	US7515885B2	US	Active	COMMUNICATIONS SIGNAL AMPLIFIERS HAVING INDEPENDENT POWER CONTROL AND AMPLITUDE MODULATION
	AU2002311817A	AU2002311817A1	AU	Inactive	COMMUNICATIONS SIGNAL AMPLIFIERS HAVING INDEPENDENT POWER CONTROL AND AMPLITUDE MODULATION
GP043760	EP2002739147A	EP1415394A2	EP	Inactive	COMMUNICATIONS SIGNAL AMPLIFIERS HAVING INDEPENDENT POWER CONTROL AND AMPLITUDE MODULATION
GP043760	JP2002581685A	JP2005509320A	JP	Inactive	COMMUNICATIONS SIGNAL AMPLIFIERS HAVING INDEPENDENT POWER CONTROL AND AMPLITUDE MODULATION
GP043760	TW2002107193A	TW563295B	TW	Active	COMMUNICATIONS SIGNAL AMPLIFIERS HAVING INDEPENDENT POWER CONTROL AND AMPLITUDE MODULATION
GP043760	WO2002US11776A	WO2002084864A3	WO	Inactive	COMMUNICATIONS SIGNAL AMPLIFIERS HAVING INDEPENDENT POWER CONTROL AND AMPLITUDE MODULATION
GP043716	US1999268731A	US6094101A	US	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	200105724-9	SG83587	SG	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	KR20017011763	KR100696756	KR	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
	AT2000919409T	AT308159T	AT	Inactive	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
	AT2005107961T	AT373337T	AT	Inactive	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
	AU2000040103D	AU2000040103A	AU	Inactive	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	CN2000806326A	CN1211915C	CN	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	DE60023526A	DE60023526T2	DE	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	DE60036426A	DE60036426T2	DE	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	EP2000919409A	EP1214790B1	EP	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	EP2005107961A	EP1619790B1	EP	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
	ES2000919409T	ES2251370T3	ES	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	JP2000605310A	JP4452410B2	JP	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	IN/PCT/2001/01092/KOL	not published	IN	Inactive	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	TW2000104818A	TW486872B	TW	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	WO2000US6757A	WO2000055973A3	WO	Inactive	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	EP0919409	FI1214790	FI	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	EP0919409	FR1214790	FR	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	EP0919409	GB1214790	GB	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION

GP043715	EP0107961	GB1619790	GB	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
	EP0107961	FR1619790	FR	Inactive	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	EP0919409	NL1214790	NL	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043716	EP0919409	SE1214790	SE	Active	DIRECT DIGITAL FREQUENCY SYNTHESIS ENABLING SPUR ELIMINATION
GP043717	JP2001514533A	JP2003506943A	JP	Inactive	DRIVE CIRCUIT FOR RF POWER AMPLIFIER OF SWITCH MODE
GP043717	IN/PCT/2002/00101/KOL	not published	IN	Inactive	DRIVING CIRCUITS FOR SWITCH MODE RF POWER AMPLIFIER
GP043717	US1999362880A	US6198347B1	US	Active	DRIVING CIRCUITS FOR SWITCH MODE RF POWER AMPLIFIERS
GP043717	200200385-3	SG86490	SG	Inactive	DRIVING CIRCUITS FOR SWITCH MODE RF POWER AMPLIFIERS
GP043717	KR20027001157	KR100814222	KR	Active	DRIVING CIRCUITS FOR SWITCH MODE RF POWER AMPLIFIERS
	AT2000952307T	AT443374T	AT	Inactive	DRIVING CIRCUITS FOR SWITCH MODE RF POWER AMPLIFIERS
	AU200065031D	AU2000065031A	AU	Inactive	DRIVING CIRCUITS FOR SWITCH MODE RF POWER AMPLIFIERS
GP043717	CN2000812057A	CN1160850C	CN	Active	DRIVING CIRCUITS FOR SWITCH MODE RF POWER AMPLIFIERS
	DE60042974A	DE60042974D1	DE	Active	DRIVING CIRCUITS FOR SWITCH MODE RF POWER AMPLIFIERS
GP043717	EP2000952307A	EP1201025B1	EP	Active	DRIVING CIRCUITS FOR SWITCH MODE RF POWER AMPLIFIERS
GP043717	IN/PCT/2002/00100/KOL	not published	IN	Inactive	DRIVING CIRCUITS FOR SWITCH MODE RF POWER AMPLIFIERS
GP043717	TW2000123483A	TW511331B	TW	Active	DRIVING CIRCUITS FOR SWITCH MODE RF POWER AMPLIFIERS
GP043717	WO2000US20750A	WO2001010015A1	WO	Inactive	DRIVING CIRCUITS FOR SWITCH MODE RF POWER AMPLIFIERS
GP043717	EP0952307	FR1201025	FR	Active	DRIVING CIRCUITS FOR SWITCH MODE RF POWER AMPLIFIERS
GP043717	EP0952307	GB1201025	GB	Active	DRIVING CIRCUITS FOR SWITCH MODE RF POWER AMPLIFIERS
GP043717	JP2001514531A	JP2003506941A	JP	Inactive	HIGH FREQUENCY IRREGULARITY RF AMPLIFIER
	US1999247097A	US6864668B1	US	Active	HIGH-EFFICIENCY AMPLIFIER OUTPUT LEVEL AND BURST CONTROL
	TW2000102096A	TW432780B	TW	Active	HIGH-EFFICIENCY AMPLIFIER OUTPUT LEVEL AND BURST CONTROL
	WO2000US03384A	WO0048306A1	WO	Inactive	HIGH-EFFICIENCY AMPLIFIER OUTPUT LEVEL AND BURST CONTROL
	AU2000032265A	AU2000032265A	AU	Inactive	HIGH-EFFICIENCY AMPLIFIER OUTPUT LEVEL AND BURST CONTROL
GP048828	US2008126475A	US7808323B2	US	Active	HIGH-EFFICIENCY ENVELOPE TRACKING SYSTEMS AND METHODS FOR RADIO FREQUENCY POWER AMPLIFIERS
GP047608	US2008221414A	US7948316B2	US	Active	HIGH-EFFICIENCY ENVELOPE TRACKING SYSTEMS AND METHODS FOR RADIO FREQUENCY POWER AMPLIFIERS
GP043727	US2006514150A	US20060293002A1	US	Inactive	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043727	US2006514152A	US20070060074A1	US	Inactive	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043727	US2006514198A	US20060293003A1	US	Inactive	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043727	US1999247095A	US6377784B2	US	Active	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043727	US2002941044A	US7099635B2	US	Active	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043727	US2005317228A	US7395038B2	US	Active	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
	AU2000287650	AU2000287650A	AU	Inactive	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043727	TW2000102103A	TW529241B	TW	Active	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043727	WO2000US33350A	WO2001048307A8	WO	Inactive	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043848	US2000637269A	US6636112B1	US	Active	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043848	US2003688444A	US6816016B2	US	Active	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043717	200200573-4	SG86644	SG	Active	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043717	KR20027001158	KR1020020059343	KR	Inactive	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
	AU200066157D	AU2000066157A	AU	Inactive	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043717	CN2000812058A	CN1249912C	CN	Active	HIGH-EFFICIENCY MODULATING RF AMPLIFIER

GP043717	EP2009953760A	EP1201024A1	EP	Inactive	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043717	WO2000US20841A	WO2001010013A9	WO	Inactive	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043717	EP0953760	FR1201024	FR	Inactive	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043717	EP0953760	GB1201024	GB	Inactive	HIGH-EFFICIENCY MODULATING RF AMPLIFIER
GP043774	US2001885811A	US7409004B2	US	Active	HYBRID POLAR MODULATOR DIFFERENTIAL PHASE CARTESIAN FEEDBACK CORRECTION CIRCUIT FOR POWER AMPLIFIER LINEARIZATION
GP043778	US2006591702A	US20070211829A1	US	Inactive	METHOD AND APPARATUS FOR PULSE OPTIMIZATION FOR NON-LINEAR FILTERING
GP043754	US2000661167A	US6751265B1	US	Active	METHOD AND SYSTEM OF AMPLITUDE MODULATION USING DUAL/SPLIT CHANNEL UNEQUAL AMPLIFICATION
GP043754	TW2001122742A	TW557622B	TW	Active	METHOD AND SYSTEM OF AMPLITUDE MODULATION USING DUAL/SPLIT CHANNEL UNEQUAL AMPLIFICATION
GP043800	US2005280665A	US7636386B2	US	Active	METHOD OF CONTINUOUSLY CALIBRATING THE GAIN FOR A MULTI-PATH ANGLE MODULATOR
GP043800	CN200680042472A	CN101310435B	CN	Active	METHOD OF CONTINUOUSLY CALIBRATING THE GAIN FOR A MULTI-PATH ANGLE MODULATOR
GP043800	EP2006833104A	EP1949531B1	EP	Active	METHOD OF CONTINUOUSLY CALIBRATING THE GAIN FOR A MULTI-PATH ANGLE MODULATOR
	EP2006833104A	GB1949531	GB	Inactive	METHOD OF CONTINUOUSLY CALIBRATING THE GAIN FOR A MULTI-PATH ANGLE MODULATOR
GP043800	JP2007532704A	JP04866855B2	JP	Active	METHOD OF CONTINUOUSLY CALIBRATING THE GAIN FOR A MULTI-PATH ANGLE MODULATOR
GP043800	WO2006JP323263A	WO2007058371A1	WO	Inactive	METHOD OF CONTINUOUSLY CALIBRATING THE GAIN FOR A MULTI-PATH ANGLE MODULATOR
GP043800	EP06833104	DE1949531	DE	Active	METHOD OF CONTINUOUSLY CALIBRATING THE GAIN FOR A MULTI-PATH ANGLE MODULATOR
GP043778	US2009395981A	US8331490B2	US	Active	METHODS AND APPARATUS FOR CONDITIONING COMMUNICATIONS SIGNALS BASED ON DETECTION OF HIGH-FREQUENCY EVENTS IN POLAR DOMAIN
GP050858	US2009482913A	US8385464B2	US	Active	METHODS AND APPARATUS FOR REDUCING AVERAGE-TO-MINIMUM POWER RATIO IN COMMUNICATIONS SIGNALS
GP051788	US2009551929A	US8363752B2	US	Active	METHODS AND APPARATUS FOR REDUCING THE AVERAGE-TO-MINIMUM MAGNITUDE RATIO OF COMMUNICATIONS SIGNALS IN COMMUNICATIONS TRANSMITTERS
GP597167	US2010950847A	US8483312B2	US	Active	METHODS AND APPARATUS FOR REDUCING THE AVERAGE-TO-MINIMUM MAGNITUDE RATIO OF COMMUNICATIONS SIGNALS IN COMMUNICATIONS TRANSMITTERS
GP043779	US2001451999A	US7158484B2	US	Active	MULTI-MODE COMMUNICATIONS TRANSMITTER
	AU2002363122A	AU2002363122A1	AU	Inactive	MULTI-MODE COMMUNICATIONS TRANSMITTER
GP043779	EP2002802184A	EP1438817A2	EP	Inactive	MULTI-MODE COMMUNICATIONS TRANSMITTER
GP043779	JP2003539261A	JP2005534204A	JP	Inactive	MULTI-MODE COMMUNICATIONS TRANSMITTER
GP043779	KR20047005912A	KR2004045899A	KR	Inactive	MULTI-MODE COMMUNICATIONS TRANSMITTER
GP043779	TW2002124346A	TWI223927B	TW	Active	MULTI-MODE COMMUNICATIONS TRANSMITTER
GP043779	unknown	unknown	US	Inactive	MULTI-MODE COMMUNICATIONS TRANSMITTER
GP043779	unknown	unknown	US	Inactive	MULTI-MODE COMMUNICATIONS TRANSMITTER
GP043779	unknown	unknown	US	Inactive	MULTI-MODE COMMUNICATIONS TRANSMITTER
GP043779	WO2002US33774A	WO2003036896A9	WO	Inactive	MULTI-MODE COMMUNICATIONS TRANSMITTER
GP049838	US2008203361A	US8095093B2	US	Active	MULTI-MODE TRANSMITTER HAVING ADAPTIVE OPERATING MODE CONTROL
GP043717	CN200510055750A	CN100472944C	CN	Active	MULTISTAGE AMPLIFIER AND METHOD FOR IMPROVING POWER EFFICIENCY OF THE MULTISTAGE AMPLIFIER
GP045542	60/983154	N/A (Provisional)	US	Inactive	POLAR MODULATION TRANSMITTER WITH ENVELOPE MODULATOR PATH SWITCHING
GP045542	US2008250104A	US8301088B2	US	Active	POLAR MODULATION TRANSMITTER WITH ENVELOPE MODULATOR PATH SWITCHING
GP044954	61/068506	N/A (Provisional)	US	Inactive	POWER AMPLIFIER EDGE EVALUATION-ALTERNATIVE ENVELOPE MODULATOR
GP044954	US2009394543A	US8145147B2	US	Active	POWER AMPLIFIER EDGE EVALUATION-ALTERNATIVE ENVELOPE MODULATOR
GP043755	US2006430259A	US7212069B2	US	Active	POWER CONTROL OF SWITCHED-MODE POWER AMPLIFIERS WITH ONE OR MORE STAGES
GP043755	US2006602287A	US7292105B2	US	Active	POWER CONTROL OF SWITCHED-MODE POWER AMPLIFIERS WITH ONE OR MORE STAGES

GP043755	US2007907172A	US7755422B2	US	Active	POWER CONTROL OF SWITCHED-MODE POWER AMPLIFIERS WITH ONE OR MORE STAGES
GP043755	US2000584497A	US6734724B1	US	Active	POWER CONTROL OF SWITCHED-MODE POWER AMPLIFIERS WITH ONE OR MORE STAGES
GP043755	US2003431976A	US6844776B2	US	Active	POWER CONTROL OF SWITCHED-MODE POWER AMPLIFIERS WITH ONE OR MORE STAGES
GP043755	US2005396334A	US7042282B2	US	Active	POWER CONTROL OF SWITCHED-MODE POWER AMPLIFIERS WITH ONE OR MORE STAGES
	AU2001967400	AU2001296740A	AU	Inactive	POWER CONTROL OF SWITCHED-MODE POWER AMPLIFIERS WITH ONE OR MORE STAGES
GP043755	CN2001816984A	CN100413213C	CN	Active	POWER CONTROL OF SWITCHED-MODE POWER AMPLIFIERS WITH ONE OR MORE STAGES
GP043755	CN200810127299A	CN101320959A	CN	Inactive	POWER CONTROL OF SWITCHED-MODE POWER AMPLIFIERS WITH ONE OR MORE STAGES
GP043755	EP2001977635A	EP1362416A2	EP	Inactive	POWER CONTROL OF SWITCHED-MODE POWER AMPLIFIERS WITH ONE OR MORE STAGES
GP043755	JP2002533469A	JP2004529514A	JP	Inactive	POWER CONTROL OF SWITCHED-MODE POWER AMPLIFIERS WITH ONE OR MORE STAGES
GP043755	KR20037004889A	KR831149B1	KR	Active	POWER CONTROL OF SWITCHED-MODE POWER AMPLIFIERS WITH ONE OR MORE STAGES
GP043755	TW2001124677A	TWI266473B	TW	Active	POWER CONTROL OF SWITCHED-MODE POWER AMPLIFIERS WITH ONE OR MORE STAGES
GP043755	WO2001US31523A	WO2002029969A3	WO	Inactive	POWER CONTROL OF SWITCHED-MODE POWER AMPLIFIERS WITH ONE OR MORE STAGES
GP043801	US2003631931A	US6995613B2	US	Active	POWER DISTRIBUTION AND BIASING IN RF SWITCH-MODE POWER AMPLIFIERS
GP043801	US2005233397A	US7227419B2	US	Active	POWER DISTRIBUTION AND BIASING IN RF SWITCH-MODE POWER AMPLIFIERS
GP043801	US2006282156A	US7250820B2	US	Active	POWER DISTRIBUTION AND BIASING IN RF SWITCH-MODE POWER AMPLIFIERS
GP043801	CN200480021609A	CN100488038C	CN	Active	POWER DISTRIBUTION AND BIASING IN RF SWITCH-MODE POWER AMPLIFIERS
GP043801	EP2004757265A	EP1658674A4	EP	Active	POWER DISTRIBUTION AND BIASING IN RF SWITCH-MODE POWER AMPLIFIERS
GP043801	JP2006521954A	JP2007500971A	JP	Inactive	POWER DISTRIBUTION AND BIASING IN RF SWITCH-MODE POWER AMPLIFIERS
GP043801	WO2004US23878A	WO2005013477A3	WO	Inactive	POWER DISTRIBUTION AND BIASING IN RF SWITCH-MODE POWER AMPLIFIERS
GP043776	US2006415962A	US7642847B2	US	Active	POWER SUPPLY PROCESSING FOR POWER AMPLIFIERS
GP043776	US2001942484A	US6781452B2	US	Active	POWER SUPPLY PROCESSING FOR POWER AMPLIFIERS
GP043776	US2004833600A	US6924695B2	US	Active	POWER SUPPLY PROCESSING FOR POWER AMPLIFIERS
GP043776	US2005175752A	US7038536B2	US	Active	POWER SUPPLY PROCESSING FOR POWER AMPLIFIERS
	AT2002797836T	AT504109T	AT	Inactive	POWER SUPPLY PROCESSING FOR POWER AMPLIFIERS
GP043776	JP2003525982A	JP2005502251A	JP	Inactive	POWER SUPPLY PROCESSING FOR POWER AMPLIFIERS
GP043776	TW2002119666A	TWI226156B	TW	Active	POWER SUPPLY PROCESSING FOR POWER AMPLIFIERS
GP043776	WO2002US27919A	WO2003021766A3	WO	Inactive	POWER SUPPLY PROCESSING FOR POWER AMPLIFIERS
GP044963	US2007704861A	US7557671B2	US	Active	REAL TIME VCO GAIN NON LINEARITY CALIBRATION
GP044963	EP2008710331A	EP2109933A1	EP	Inactive	REAL TIME VCO GAIN NON LINEARITY CALIBRATION
GP044963	WO2008JP177A	WO2008099588A1	WO	Inactive	REAL TIME VCO GAIN NON LINEARITY CALIBRATION
GP044963	unknown	unknown	CN	Inactive	REAL TIME VCO GAIN NON LINEARITY CALIBRATION
GP044963	unknown	unknown	JP	Inactive	REAL TIME VCO GAIN NON LINEARITY CALIBRATION
GP043778	US2006442488A	US7675993B2	US	Active	REDUCTION OF AVERAGE-TO-MINIMUM POWER RATIO IN COMMUNICATIONS SIGNALS
GP043778	US2001137870A	US7054385B2	US	Active	REDUCTION OF AVERAGE-TO-MINIMUM POWER RATIO IN COMMUNICATIONS SIGNALS
	AT2002802185T	AT504143T	AT	Inactive	REDUCTION OF AVERAGE-TO-MINIMUM POWER RATIO IN COMMUNICATIONS SIGNALS
	AU2002356840A	AU2002356840A1	AU	Inactive	REDUCTION OF AVERAGE-TO-MINIMUM POWER RATIO IN COMMUNICATIONS SIGNALS
GP043778	DE60239626A	DE60239626D1	DE	Active	REDUCTION OF AVERAGE-TO-MINIMUM POWER RATIO IN COMMUNICATIONS SIGNALS
GP043778	EP2002802185A	EP1438816B1	EP	Active	REDUCTION OF AVERAGE-TO-MINIMUM POWER RATIO IN COMMUNICATIONS SIGNALS

GP043778	JP2003539259A	JP2005512360A	JP	Inactive	REDUCTION OF AVERAGE-TO-MINIMUM POWER RATIO IN COMMUNICATIONS SIGNALS
GP043778	KR20047005886A	KR2004045891A	KR	Inactive	REDUCTION OF AVERAGE-TO-MINIMUM POWER RATIO IN COMMUNICATIONS SIGNALS
GP043778	TW2002124349A	TW586278B	TW	Active	REDUCTION OF AVERAGE-TO-MINIMUM POWER RATIO IN COMMUNICATIONS SIGNALS
GP043778	WO2002US33779A	WO2003036894A3	WO	Inactive	REDUCTION OF AVERAGE-TO-MINIMUM POWER RATIO IN COMMUNICATIONS SIGNALS
GP043778	EP0802185	GB1438816	GB	Active	REDUCTION OF AVERAGE-TO-MINIMUM POWER RATIO IN COMMUNICATIONS SIGNALS
GP043717	CN2001812177A	CN1201482C	CN	Active	RF POWER AMPLIFIER HAVING HIGH POWER ADDED EFFICIENCY
GP043717	US2000564548A	US7265618B1	US	Active	RF POWER AMPLIFIER HAVING HIGH POWER-ADDED EFFICIENCY
GP043717	200206672-8	ndoned before public	SG	Inactive	RF POWER AMPLIFIER HAVING HIGH POWER-ADDED EFFICIENCY
	AU2001594080	AU2001594080A	AU	Inactive	RF POWER AMPLIFIER HAVING HIGH POWER-ADDED EFFICIENCY
GP043717	EP2001932924A	EP1282939A2	EP	Inactive	RF POWER AMPLIFIER HAVING HIGH POWER-ADDED EFFICIENCY
GP043717	KR20027014774A	KR831144B1	KR	Active	RF POWER AMPLIFIER HAVING HIGH POWER-ADDED EFFICIENCY
GP043717	IN/PCT/2002/01340/KOL	not published	IN	Inactive	RF POWER AMPLIFIER HAVING HIGH POWER-ADDED EFFICIENCY
GP043717	TW2001110740A	TW511330B	TW	Active	RF POWER AMPLIFIER HAVING HIGH POWER-ADDED EFFICIENCY
GP043717	WO2001US14258A	WO2001084704A3	WO	Inactive	RF POWER AMPLIFIER HAVING HIGH POWER-ADDED EFFICIENCY
GP044957	60/922261	N/A (Provisional)	US	Inactive	SELECTIVE ENVELOPE MODULATION ENABLING REDUCED CURRENT CONSUMPTION
GP044957	US2008793S3A	US7688157B2	US	Active	SELECTIVE ENVELOPE MODULATION ENABLING REDUCED CURRENT CONSUMPTION
GP043893	US2001942449A	US6690215B2	US	Active	SIGMA-DELTA-BASED FREQUENCY SYNTHESIS
GP043893	TW2002119665A	TW587371B	TW	Active	SIGMA-DELTA-BASED FREQUENCY SYNTHESIS
GP043893	WO2002US27661A	WO2003021787A1	WO	Inactive	SIGMA-DELTA-BASED FREQUENCY SYNTHESIS
	AU2002332798A	AU2002332798A1	AU	Inactive	SWITCHING POWER SUPPLY FOR RF POWER AMPLIFIERS
GP043776	DE60239620A	DE60239620D1	DE	Active	SWITCHING POWER SUPPLY FOR RF POWER AMPLIFIERS
GP043776	EP2002797836A	EP1421678B1	EP	Active	SWITCHING POWER SUPPLY FOR RF POWER AMPLIFIERS
GP043776	EP2002797836A	FR1421678	FR	Active	SWITCHING POWER SUPPLY FOR RF POWER AMPLIFIERS
GP043776	EP2002797836A	GB1421678	GB	Active	SWITCHING POWER SUPPLY FOR RF POWER AMPLIFIERS
GP043717	JP2001581410A	JP2004518311A	JP	Inactive	THE RF POWER AMPLIFIER WHICH HAS HIGH ELECTRICAL ADDITIVE EFFICIENCY
GP036541	US2005413S0A	US7383027B2	US	Active	TRANSMISSION CIRCUIT
GP036541	US2007S2A	US7925226B2	US	Active	TRANSMISSION CIRCUIT
GP036541	2004017656	not published	JP	Inactive	TRANSMISSION CIRCUIT
GP036541	CN200510007839A	CN100550604C	CN	Inactive	TRANSMISSION CIRCUIT
GP036541	JP2005147058A	JP4518968B2	JP	Inactive	TRANSMISSION CIRCUIT
GP043953	US2006605343A	US7583940B2	US	Active	TRANSMISSION CIRCUIT AND COMMUNICATION APPARATUS EMPLOYING THE SAME
GP043953	JP2005348227	not published	JP	Inactive	TRANSMISSION CIRCUIT AND COMMUNICATION APPARATUS EMPLOYING THE SAME
GP043953	JP2008521733A	JP2009517891A	JP	Inactive	TRANSMISSION CIRCUIT AND COMMUNICATION APPARATUS EMPLOYING THE SAME
GP043953	WO2006JP324386A	WO2007064026A1	WO	Inactive	TRANSMISSION CIRCUIT AND COMMUNICATION APPARATUS EMPLOYING THE SAME
GP051786	US2009508464A	US8131234B2	US	Active	TRANSMITTER UTILIZING A DUTY CYCLE ENVELOPE REDUCTION AND RESTORATION MODULATOR
GP044958	US2007821301A	US8331882B1	US	Active	VSWR NORMALIZING ENVELOPE MODULATOR