

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4738822

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	CHANGE OF ASSIGNEE ADDRESS
CONVEYING PARTY DATA	
Name	Execution Date
RENESAS ELECTRONICS CORPORATION	08/06/2015
RECEIVING PARTY DATA	
Name:	RENESAS ELECTRONICS CORPORATION
Street Address:	2-24, TOYOSU 3-CHOME
Internal Address:	KOUTOU-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	135-0061
PROPERTY NUMBERS Total: 1	
Property Type	Number
Patent Number:	9667142
CORRESPONDENCE DATA	
Fax Number:	(703)918-2262
<i>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.</i>	
Phone:	703-790-7916
Email:	Kathy.Oliver@wbd-us.com
Correspondent Name:	KATHY OLIVER
Address Line 1:	P.O. BOX 7037
Address Line 4:	ATLANTA, GEORGIA 30357-0037
ATTORNEY DOCKET NUMBER:	R150 1430US.1
NAME OF SUBMITTER:	NANDA K. ALAPATI
SIGNATURE:	/nanda k alapati/
DATE SIGNED:	12/18/2017
Total Attachments: 15	
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CERTIFICATE
OF
ALL OF THE REGISTERED PARTICULARS OF BUSINESS REGISTRATION

2-24, Toyosu 3-chome, Koutou-ku, Tokyo, Japan,
Renesas Electronics Corporation
Registration Number: 0200-01-075701

Corporate Name	Renesas Electronics Corporation
Head Office	2-24, Toyosu 3-chome, Koutou-ku, Tokyo, Japan
Method of Public Notice	Electronic public notice.
Date of Incorporation	November 1, 2002

2-24, Toyosu 3-chome, Koutou-ku, Tokyo, Japan,
Renesas Electronics Corporation
Registration Number: 0200-01-075701

Matters regarding Registration Records	Relocation of the Head Office from 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa, Japan, on July 27, 2015 Registered on July 31, 2015
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This is to certify that the foregoing document is all of the recorded particulars of the Company not closed in the Register of Business Registration.

Dated this 6th day of August, 2015.

Sumida Branch Office of Tokyo Legal Affairs Bureau

Greffier

Takafumi KENMOCHI (Seal)

Serial No. a 326754 *Underlined portion indicates a deletion..

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履歴事項全部証明書

東京都江東区豊洲三丁目2番24号
 ルネサスエレクトロニクス株式会社
 会社法人等番号 0200-01-075701

商号	ルネサスエレクトロニクス株式会社	
本店	東京都江東区豊洲三丁目2番24号	
公告をする方法	電子公告とする。 http://japan.renesas.com/ir/ 当会社の公告は、電子公告による公告をすることができない事故その他やむを得ない事由が生じた場合には、日本経済新聞に掲載する方法により行う。	
会社成立の年月日	平成14年11月1日	
目的	1. 半導体素子、集積回路等の電子部品の研究、開発、設計、製造および販売その他の処分 2. 電気機器、電子機器、通信機器の部品および材料の研究、開発、設計、製造および販売その他の処分 3. 前各号に関連するソフトウェアの開発、設計、製造、販売および保守 4. 前各号の業務に関するコンサルティング業務 5. 前各号に付帯または関連する一切の業務 6. 前各号に定めた業務で他人の経営に属するものに対する投資	
単元株式数	100株	
発行可能株式総数	34億株	
発行済株式の総数並びに種類及び数	発行済株式の総数 16億6712万4490株	
資本金の額	金2282億5500万915円	
株主名簿管理人の氏名又は名称及び住所並びに営業所	東京都千代田区丸の内一丁目4番1号 三井住友信託銀行株式会社 東京都千代田区丸の内一丁目4番1号 三井住友信託銀行株式会社 証券代行部	
役員に関する事項	取締役 遠藤隆雄	平成27年 6月24日就任

東京都江東区豊洲三丁目2番24号
 ルネサスエレクトロニクス株式会社
 会社法人等番号 0200-01-075701

取締役	鶴丸 哲哉	平成27年 6月24日重任
取締役	柴田 英利	平成27年 6月24日重任
取締役	豊田 哲朗	平成27年 6月24日重任
取締役	中野 伸之	平成27年 6月24日就任
川崎市宮前区土橋三丁目3番地16 代表取締役	遠藤 隆雄	平成27年 6月24日就任
横浜市中区蓬莱町二丁目5番地4 代表取締役	鶴丸 哲哉	平成27年 6月24日重任
監査役 (社外監査役)	福田 和樹	平成24年 6月26日就任
監査役 (社外監査役)	清水 芳信	平成26年 6月25日重任
監査役 (社外監査役)	山崎 和義	平成26年 6月25日就任
監査役 (社外監査役)	関 根 武	平成25年10月 1日就任
会計監査人	新日本有限責任監査法人	平成27年 6月24日重任
取締役等の会社に対する責任の免除に関する規定	<p>当社は、会社法第426条第1項の規定により、取締役会の決議をもって任務を怠ったことによる取締役（取締役であった者を含む。）の損害賠償責任を法令の限度において免除することができる。</p> <p>当社は、会社法第426条第1項の規定により、取締役会の決議をもって任務を怠ったことによる監査役（監査役であった者を含む。）の損害賠償責任を法令の限度において免除することができる。</p>	

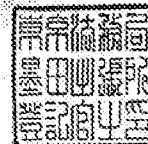
東京都江東区豊洲三丁目2番24号
 ルネサスエレクトロニクス株式会社
 会社法人等番号 0200-01-075701

非業務執行取締役等の会社に対する責任の制限に関する規定	当社は、会社法第427条第1項の規定により、取締役（業務執行取締役等である者を除く。）との間に、任務を怠ったことによる損害賠償責任を限定する契約を締結することができる。ただし、当該契約に基づく責任の限度額は法令の定める最低責任限度額とする。 当社は、会社法第427条第1項の規定により、監査役との間に、任務を怠ったことによる損害賠償責任を限定する契約を締結することができる。ただし、当該契約に基づく責任の限度額は法令の定める最低責任限度額とする。
取締役会設置会社に関する事項	取締役会設置会社
監査役設置会社に関する事項	監査役設置会社
監査役会設置会社に関する事項	監査役会設置会社
会計監査人設置会社に関する事項	会計監査人設置会社
登記記録に関する事項	平成27年7月27日神奈川県川崎市中原区下沼部4-7-53番地から本店移転 平成27年7月31日登記

これは登記簿に記録されている閉鎖されていない事項の全部であることを証明した書面である。

平成27年 8月 6日
 東京法務局墨田出張所
 登記官

剣 持 孝 文



整理番号 ア326754

* 下線のあるものは抹消事項であることを示す。

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PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Hiroshi KUROIWA	08/23/2013
Osamu YAMASHITA	08/23/2013
Masahiro ISHIHARA	08/23/2013
Minoru KUROSAWA	08/23/2013
RECEIVING PARTY DATA	
Name:	RENESAS ELECTRONICS CORPORATION
Street Address:	1753, Shimonumabe, Nakahara-ku
City:	Kawasaki-shi, Kanagawa
State/Country:	JAPAN
Postal Code:	211-8668
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14030055
CORRESPONDENCE DATA	
Fax Number:	4048887490
Phone:	703.394.2216
Email:	CBlackburn@WCSR.COM
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	WOMBLE CARLYLE SANDRIDGE & RICE, LLP
Address Line 1:	ATTN: IP DOCKETING
Address Line 2:	P.O. BOX 7037
Address Line 4:	ATLANTA, GEORGIA 30357-0037

PATENT

REEL: 044889 FRAME: 0145

ATTORNEY DOCKET NUMBER:	R150 1430US.1
NAME OF SUBMITTER:	Nanda K. ALAPATI
Signature:	/nanda k alapati/
Date:	09/18/2013
Total Attachments: 6 source=R150_1430US_1_TWOAssignments_R110460US01#page1.tif source=R150_1430US_1_TWOAssignments_R110460US01#page2.tif source=R150_1430US_1_TWOAssignments_R110460US01#page3.tif source=R150_1430US_1_TWOAssignments_R110460US01#page4.tif source=R150_1430US_1_TWOAssignments_R110460US01#page5.tif source=R150_1430US_1_TWOAssignments_R110460US01#page6.tif	
RECEIPT INFORMATION	
EPAS ID:	PAT2544368
Receipt Date:	09/18/2013
Fee Amount:	\$40

PATENT**REEL: 044889 FRAME: 0146**

ASSIGNMENT

WHEREAS, as a below named inventor, I, ASSIGNOR, am the original, first and sole (if only one inventor is named) or joint (if more than one inventor is named) inventor, of the invention entitled:

**POWER SUPPLY DEVICE HAVING SHARED INDUCTIVE ELEMENT
UNDER SWITCH CONTROL**

which is:

- is attached hereto;
- is identified as WCSR Docket No. R150 1430US.1;
- was filed on _____ as United States Application Serial No. _____.
- was filed on _____ as PCT International Application No. _____ and designated the United States.

WHEREAS, **Renesas Electronics Corporation**, having a business address at 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa, Japan 211-8668, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and said application;

NOW, THEREFORE, in consideration of good and valuable consideration, I, ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, for the territory of the United States of America, and not elsewhere, the entire right, title and interest in, to and under said United States application and said invention as fully set forth and described therein, and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues, reexamination certificates and extensions thereof; together with the right to file said application in the United States and the right to claim for the same the priority rights derived from any earlier filed application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property or any other international agreement, as may be applicable;

AND I, ASSIGNOR, HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States to issue said application to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I, ASSIGNOR, HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I, ASSIGNOR, HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting

WCSR 30529376v1

said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and applications and reexamination papers, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in the United States.

IN WITNESS WHEREOF, the undersigned inventor has affixed his signature.

1. Hiroshi Kuroiwa August 23, 2013
Name: Hiroshi KUROIWA
Residence Address: Kanagawa, Japan
Post Office Address: c/o Renesas Electronics Corporation, 1753, Shimonumabe, Nakahara-ku,
Kawasaki-shi, Kanagawa, Japan 211-8668
Citizenship: Japanese
Date

Yuki Mataya August 23, 2013
Witness Date

Witness Date

2. Osamu Yamashita August 23, 2013
Name: Osamu YAMASHITA
Residence Address: Kanagawa, Japan
Post Office Address: c/o Renesas Electronics Corporation, 1753, Shimonumabe, Nakahara-ku,
Kawasaki-shi, Kanagawa, Japan 211-8668
Citizenship: Japanese
Date

Yuki Mataya August 23, 2013
Witness Date

Witness Date

3.

Name: Masahiro ISHIIHARA
Residence Address: Kanagawa, Japan
Post Office Address: c/o Renesas Electronics Corporation, 1753, Shimonumabe, Nakahara-ku,
Kawasaki-shi, Kanagawa, Japan 211-8668
Citizenship: Japanese
_____ Date

Witness

Date

Witness

Date

4.

Minoru Kurosawa

Name: Minoru KUROSAWA
Residence Address: Kanagawa, Japan
Post Office Address: c/o Renesas Electronics Corporation, 1753, Shimonumabe, Nakahara-ku,
Kawasaki-shi, Kanagawa, Japan 211-8668
Citizenship: Japanese
_____ Date
August 23, 2013

Yuki Matsuy

Witness

August 23, 2013

Date

Witness

Date

WCSR 30529376v1

ASSIGNMENT

WHEREAS, as a below named inventor, I, ASSIGNOR, am the original, first and sole (if only one inventor is named) or joint (if more than one inventor is named) inventor, of the invention entitled:

POWER SUPPLY DEVICE HAVING SHARED INDUCTIVE ELEMENT
UNDER SWITCH CONTROL

which is:

- is attached hereto;
- is identified as WCSR Docket No. R150 1430US.1;
- was filed on _____ as United States Application Serial No. _____.
- was filed on _____ as PCT International Application No. _____ and designated the United States.

WHEREAS, **Renesas Electronics Corporation**, having a business address at 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa, Japan 211-8668, ASSIGNEE, is desirous of obtaining the entire right, title and interest in, to and under the said invention and said application;

NOW, THEREFORE, in consideration of good and valuable consideration, I, ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the ASSIGNEE, its successors, legal representatives and assigns, for the territory of the United States of America, and not elsewhere, the entire right, title and interest in, to and under said United States application and said invention as fully set forth and described therein, and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues, reexamination certificates and extensions thereof; together with the right to file said application in the United States and the right to claim for the same the priority rights derived from any earlier filed application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property or any other international agreement, as may be applicable;

AND I, ASSIGNOR, HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States to issue said application to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I, ASSIGNOR, HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I, ASSIGNOR, HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me respecting

WCSR 30529376v1

said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and applications and reexamination papers, make all rightful oaths, and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in the United States.

IN WITNESS WHEREOF, the undersigned inventor has affixed his signature.

1.

Name: Hiroshi KUROIWA
Residence Address: Kanagawa, Japan
Post Office Address: c/o Renesas Electronics Corporation, 1753, Shimonumabe, Nakahara-ku,
Kawasaki-shi, Kanagawa, Japan 211-8668
Citizenship: Japanese
_____ Date

Witness

Date

Witness

Date

2.

Name: Osamu YAMASHITA
Residence Address: Kanagawa, Japan
Post Office Address: c/o Renesas Electronics Corporation, 1753, Shimonumabe, Nakahara-ku,
Kawasaki-shi, Kanagawa, Japan 211-8668
Citizenship: Japanese
_____ Date

Witness

Date

Witness

Date

3. Masahiro Ishihara August 23, 2013
Name: Masahiro ISHIHARA
Residence Address: Kanagawa, Japan
Post Office Address: c/o Renesas Electronics Corporation, 1753, Shimonumabe, Nakahara-ku,
Kawasaki-shi, Kanagawa, Japan 211-8668
Citizenship: Japanese
Date

Tetsuya Eguchi August 23, 2013
Witness Date

Witness Date

4. _____
Name: Minoru KUROSAWA
Residence Address: Kanagawa, Japan
Post Office Address: c/o Renesas Electronics Corporation, 1753, Shimonumabe, Nakahara-ku,
Kawasaki-shi, Kanagawa, Japan 211-8668
Citizenship: Japanese
Date

Witness Date

Witness Date

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