•	RG-0029US
	DEPARTMENT OF COMMERCE
PTO-1595 (Modified) 04/01/2011	onti of Patent and Trade
03 No 0651-0027 (exp 3/31/2009)	LY ( MAR 3 0 [UIII B)
REV06	addross(es) below.
3/30 U 103621227	d the attached cures its or the new address(es) below.
the Director of the Utilited Otation 7	2. Name and address of receiving party(ies):
Name of conveying party(les):	- Chatronics Corporation
Hiroshi TSUCHI	Name Renesas Electronics Corporation
	Address 1753 Shimonumabe, Nakahara-ku
Additional names(s) of conveying party(ies) Yes X No	
Nature of conveyance/Execution Date(s):	
xecution Date(s) January 20, 2011	City Kawasaki
□ Merger	Oity
✓ Assignment ☐ Change of Name	7IP 211-8668
☐ Joint Research Agreement	Country JAPAN ZIP ZII Good
Covernment Interest Assignment	
Executive Order 9424, Confirmatory License	Additional name(s) & address(es) attached?   Yes   No
Other	☐ This document is being filed together with a new application
. Application or patent numbers(s):	
Application of patent nationals,	B Patent No (s)
A Patent Application No (s)	
Additional numbers a	attached? Yes No  6. Total number of applications and patents
5. Name and address to whom correspondence	involved:1
5. Name and address to whom concerning document should be mailed:  Name Sean M. McGinn, Esq.	INVOIVEU.
Name Sean W. WicGilli, Esq.	
Name	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00
Pagestration No. 34,386	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00
Registration No 34,386  Address McGinn Intellectual Property Law Group, PLLC	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00
Registration No 34,386  Address McGinn Intellectual Property Law Group, PLLC  8321 Old Courthouse Road	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00  ☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account
Registration No 34,386  Address McGinn Intellectual Property Law Group, PLLC	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00  ☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account
Registration No 34,386  Address McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road  Suite 200	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00  ☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting title)
Registration No 34,386  Address McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road  Suite 200  City: Vienna	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00  ☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting title)  8. Payment Information
Registration No 34,386  Address McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road  Suite 200  City: Vienna	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00  ☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting title)  8. Payment Information a Credit Card Last 4 Numbers
Registration No 34,386  Address McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road  Suite 200  City: Vienna  State/Prov Virginia  Country U.S.A ZIP 22182-3817	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00  ☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting title)  8. Payment Information a Credit Card Last 4 Numbers ☐ Expiration Date
Registration No 34,386  Address McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road  Suite 200  City: Vienna  State/Prov Virginia  Country U.S.A ZIP 22182-3817  Phone Number: (703) 761-4100	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed None required (government interest not affecting title)  8. Payment Information  a Credit Card Last 4 Numbers Expiration Date  b Papasit Account Number 50-0481 (deficiencies ONL)
Registration No 34,386  Address McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road  Suite 200  City: Vienna  State/Prov Virginia  Country U.S.A ZIP 22182-3817  Phone Number (703) 761-4100  Fax Number (703) 761-2375 or (703) 761-2376	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00  ☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting title)  8. Payment Information a Credit Card Last 4 Numbers ☐ Expiration Date  b Deposit Account Number 50-0481(deficiencies ONL) Authorized User Name Sean M. McGinn
Registration No 34,386  Address McGinn Intellectual Property Law Group, PLLC 8321 Old Courthouse Road  Suite 200  City: Vienna  State/Prov Virginia  Country U.S.A ZIP 22182-3817  Phone Number: (703) 761-4100	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  Enclosed None required (government interest not affecting title)  8. Payment Information  a Credit Card Last 4 Numbers Expiration Date  b Papasit Account Number 50-0481 (deficiencies ONL)
Address McGinn Intellectual Property Law Group, PLLC  8321 Old Courthouse Road  Suite 200  City: Vienna  State/Prov Virginia  Country U.S.A ZIP 22182-3817  Phone Number (703) 761-4100  Fax Number (703) 761-2375 or (703) 761-2376  Email Address admin@mcginniplaw.com  9. Signature:	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00  ☐ Authorized to be charged by credit card ☐ Authorized to be charged to deposit account ☐ Enclosed ☐ None required (government interest not affecting title)  8. Payment Information a Credit Card Last 4 Numbers ☐ Expiration Date  b Deposit Account Number 50-0481(deficiencies ONLY Authorized User Name Sean M. McGinn
Address McGinn Intellectual Property Law Group, PLLC  8321 Old Courthouse Road  Suite 200  City: Vienna  State/Prov Virginia  Country U.S.A ZIP 22182-3817  Phone Number (703) 761-4100  Fax Number (703) 761-2375 or (703) 761-2376  Email Address admin@mcginniplaw.com	7. Total fee (37 CFR 1 21(h) & 3 41) \$ 40.00  Authorized to be charged by credit card Authorized to be charged to deposit account  Enclosed None required (government interest not affecting title)  8. Payment Information a Credit Card Last 4 Numbers Expiration Date b Deposit Account Number 50-0481(deficiencies ONLY Authorized User Name Sean M. McGinn  4. 61/2311 H. L. H. 3483361 1. 3.4 26  March 30, 2011 Under Sheet attachments, and document

Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to:

Documents to be recorded (including cover sheet) should be faxed to (571)273-0140, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria

## ASSIGNMENT OF APPLICATION FOR PATENT

## WHEREAS

NAME AND ADDRESS OF ASSIGNOR

Hiroshi TSUCHI of Kanagawa, Japan

(HEREINAFTER REFERRED TO AS ASSIGNOR), have invented and own a certain new and useful invention entitled:

TITLE OF INVENTION:

VOLTAGE LEVEL SELECTION CIRCUIT AND DISPLAY DRIVER

## WHEREAS

FULL NAME AND ADDRESS OF ASSIGNEE

Renesas Electronics Corporation of 1753 Shimonumabe, Nakahara-ku, Kawasaki, Kanagawa 211-8668, Japan

(hereinafter referred to as ASSIGNEE), is desirous of acquiring the entire right, title, and interest in, to and under said invention and the United States Letters Patent to be obtained therefor:

NOW THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that in consideration of the payment of ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, ASSIGNOR, by these presents, hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to said invention and all Letters Patent of the United States to be obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for the full term or terms for which the same may be granted.

ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue said Letters Patent of the PATENT United States Patent obtained therefore is a Page 1016 of any 1036

continuation, division, renewal, substitute or reissue thereof for the full term or terms to said ASSIGNEE, of the entire right, title, and interest in and to the same, for his sole use and behoof, and for the use and behoof of his legal representatives, to the full end of the term or terms for which said Letters Patent obtained therefor on said application or any continuation, division, renewal, substitute or reissue thereof for may be granted, as full and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale;

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain and enforce said application, said invention and said Letters Patent which may be necessary or desirable to carry out the purposes hereof.

DATE OF SIGNING

IN WITNESS WHEREOF, I/We have hereunto set

hand and seal this 20th day of Vanuary, 20//.

SIGNATURE

By: Idinoshi Tsuchi
Hiroshi TSUCHI

(Assignment of Application for Patent -- page 2 of 2)

**RECORDED: 03/30/2011**