FORM PTO-1595 (Modified) (Rev. 03-09) OMB No. 0851-0027 (exp. 3/31/2009) POBA/REV06  To the Director of the United States Patent and Trademark Office: Please record the attach  1. Name of conveying party(ies):  Docket No.: R116182US01  05 / 16 / 2012  PATENTS ONLY  103644560  2. Name and address of receiving party(ies):	je je			
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(1) Takeshi TSUKADA				
(2) Yoshikazu KOMATSU Name: Renesas Electronics Corporation				
Address: 1753, Shimonumabe, Nakahara-ku				
Additional names(s) of conveying party(ies)				
3. Nature of conveyance/Execution Date(s):				
Execution Date(s): March 26, 2012				
☑ Assignment ☐ Merger City: Kawasaki-shi				
☐ Security Agreement ☐ Change of Name State/Prov.: Kanagawa	State/Prov.: Kanagawa			
☐ Joint Research Agreement Country: Japan ZIP:				
Government Interest Assignment				
☐ Executive Order 9424, Confirmatory License ☐ Other Additional name(s) & address(es) attached? ☐ Yes ☒ No				
4. Application or patent numbers(s):  ☐ This document is being filed together with a new application.	n.			
A. Patent Application No. (s)  B. Patent No.(s)				
13/463,727				
15/405,727				
Additional numbers attached? ☐ Yes ☒ No				
5. Name and address to whom correspondence 6. Total number of applications and patents				
concerning document should be mailed:  involved:  1				
Name: Sean M. McGinn, Esq.				
Registration No.: 34,386 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00	-			
Address: McGinn Intellectual Property Law Group, PLLC     Authorized to be charged by credit card	-			
8321 Old Courthouse Road  Authorized to be charged by credit card  Authorized to be charged to deposit account				
Suite 200  Enclosed				
City: Vienna   None required (government interest not affecting title)	)			
State/Prov.: Virginia 8. Payment Information				
Country: USA ZIP: 22182-3817 a. Credit Card Last 4 Numbers				
Phone Number: (703) 761-4100 Expiration Date				
Fax Number: (703) 761- 2375 or 76 b. Deposit Account Number 50-0481 (deficiencies only)				
Email Address: admin@mcginniplaw.com  Authorized User Name Sean M. McGinn				
9. Signature:   ### ### ###########################				

Name of Person Signing

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, VA 22313-1450

Sean M. McGinn, Esq.

Date

Total number of pages including cover

sheet, attachments, and document:

## ASSIGNMENT (譲渡証)

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me citizen of Japan by Renesas Electronics Corporation, a corporation organized under the laws of Japan,

located at 1753, Shimonumabe, Nakahara-ku, Kawasaki-shi, Kanagawa, Japan,

receipt of which is hereby acknowledged I do hereby sell and assign to said Renesas Electronics Corporation, its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

## IMAGE PROCESSING DEVICE AND IMAGE PROCESSING METHOD

invented by me (if only one is named below) or us (if plural inventors are named below) and described in the application for United States Letters Patent therefor, executed on even date herewith, and all United States Letters Patent which may be granted therefor, and all divisions, continuations and extensions thereof, the said interest being the entire ownership of the said Letters Patent when granted,

to be held and enjoyed by said Renesas Electronics Corporation,

its successors, assigns or other legal representatives, to the full end of term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made:

And I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of the above-named application or in the preparation and prosecution of any continuing, continuation-in-part, substitute, divisional, renewal, reviewed or reissue applications or in any amendment, extension, or interference proceedings, or otherwise to secure the title thereto in said assignee;

And I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Renesas Electronics Corporation.

Signed on the date(s) indicated aside our signatures:

INVENTOR(S)

	INVENTOR(S) (発明者フルネームサイン)	Date Signed (署名日)
1)	Jakeshi Jankada Tākeshi TSUKADA  Jakingi Kanallu Yoshikazu KOMATSU	March 26. 20/2
2)	John Kanalli Yoshikazu KOMATSU	March 26. 2012 May 26 2012
3)		
4)		
5)		
6)		
7)_		
8) _		
9) _		
10)_		

**PATENT REEL: 028246 FRAME: 0262** 

RECORDED: 05/14/2012