'ARTMENT OF COMMERCE s Patent and Trademark Office

1848 HE HE	3 I deent and Trademark Street
2	Docket No. XA-10618

Form PTO-1595 (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)		ARTMENT OF COMMERCE S Patent and Trademark Office
RECORE	103284602	Docket No. XA-10618
To the Director of the U.S. Patent and Tradem	nark Office: Please record the attached documen	its or the new address(es) below.
1. Name of conveying party(ies)/Execution SANO, Toshiaki ISHII, Tomoyuki KAMESHIRO, Norifumi MINE, Toshiyuki Execution Date(s): July 7, 20, 12, and 14, 20 Additional name(s) of conveying party(ies) attached? 3. Nature of conveyance: Assignment Merical Government Interest Assignment Government Interest Assignment Executive Order 9424, Confirmatory Other	Name: Renesas Tec Address: _4-1, Mar Chiyoda-ku O06 ☐Yes ☑ No City: _Tokyo ger State: nge of Name Country: _Japan License Additional name(s) & ac	
5. Name and address to whom correspond		pplications and patents
concerning document should be mailed		
Name: Mitchell W. Shapiro	7. Total fee (37 CFR	1.21(h) & 3.41) \$ <u>40.00</u>
Registration No.: 31,568 Address: Miles & Stockbridge P.C. 1751 Pinnacle Drive Suite 500 City: McLean	Authorized to be cl	harged to deposit account cess or insufficiency should be to deposit account
State: Virginia Zip: 22102 Phone Number: 703-610-8652 Fax Number: 703/610-8686	8. Payment Information	tion
Email Address: mwshapiro@milesstockbr	ridge.com b. Deposit Accoun	st 4 Numbers piration Date t Number 50-1165 Name Mitchell W. Shapiro

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22313-1450

07/28/2006 LWONDIM1 00000092 11432688 07 FC:8021

40.00 OP

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 Toshiaki SANO. Tomoyuki ISHII, Norifumi KAMESHIRO and Toshiyuki MINE, Citizen(s) of Japan by Renesas Technology Corp., corporation(s) organized under the laws of Japan,

located at 4-1, Marunouchi 2-chome, Chiyoda-ku, Tokyo, Japan,

receipt of which is hereby acknowledged, we/l, the said Toshiaki SANO, Tomoyuki ISHII, Norifumi KAMESHIRO and Toshiyuki MINE,

do hereby sell and assign to said Renesas Technology Corp...

their successors and assigns, all our right, title and Interest, in and for the United States of America, in and to

SEMICONDUCTOR DEVICE

invented by us/me 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 Technology Corp..

their 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 us if this assignment and sale had not been made;

And we/I hereby agree to sign and execute any further documents or instruments which may be necessary, lawful, and proper in the prosecution of said 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 we/I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said Renesas Technology Corp.

Signed on the date(s) indicated aside signatures:

(発明者フルネームサイン)	(著名日)
1) Joshiaki Sano (Toshiaki SANO)	07/07/2006
2) Forwayel Ali (Tomoyuki ISHII)	07/20/2001
3) Norifumi Kameshiro (Norifumi KAMESHIRO)	07/12/2006
4) Tachingski mine (Toshiyuki MINE)	07/14/2006
5)	
6)	
7)	
3) Norifumi Kameshiro (Norifumi KAMESHIRO) 4) Tachingski ming (Toshiyuki MINE) 5)	07/12/2006

PATENT REEL: 018138 FRAME: 0162

RECORDED: 07/27/2006