Form PTO-1595	-2004	LS. DEPARTMENT OF U.S. Patent and Trad	
OMB No. 0651-0027 (exp. 5/31/2002)		Attorney's Docket No. 0	
To the Director of the United States Pa 102707	7874	.ched original documents or copy there	eof.
Name of conveying party(ies):	2. Name and addr	ess of receiving party(ies):	
3-24-04	Name: Renes	as Technology Corp.	
Tadayoshi NAKANO and Takashi NASU	Internal Addres		· · · · · · · · · · · · · · · · · · ·
•			
Additional name(s) of conveying party(ies) attached? Yes No  3. Nature of conveyance:	Street Address:	:	2
S. Nature of conveyance.  Merger	4-1, Marunouch	ni 2-chome	50
☐ Security Agreement ☐ Change of Name	Chiyoda-ku Tokyo 100-633	4	7.5 7.4
☐ Other	Japan	•	108
_			17354
Execution Date: March 9, 2004			14
,	City:	State: Zip:	
	Additional nar	me(s) & addresses attached?	<b>⊠</b> No
<ol> <li>Application number(s) or patent number(s):</li> <li>If this document is being filed together with a new application,</li> </ol>	the execution date (	of the application is: March 9, 2004	
	the execution date (	The application is: Iwaich 9, 2004	
A. Patent Application No.(s)	B. Patent No.(s	)	
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Additional numbers attached	l I? ☐ Yes █ No		
Name and address of party to whom correspondence	1	applications and patents involved:	
concerning document should be mailed:	o. Total number of	applications and paterns involved.	One
Name: Platon N. Mandros	7. Total fee (37 CF	R 3.41)\$	40.00
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Platon N. Mandros , Reg. No. 22,124	4/11/1	March 24, 20	004
Name of Person Signing	Signature	Date	
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PATENT REEL: 015135 FRAME: 0765

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## **ASSIGNMENT**

		Application No
Insert Name(s) of Inventor(s)	<b>→</b>	WHEREAS, Tadayoshi NAKANO and Takashi NASU
		· · · · · · · · · · · · · · · · · · ·
		<u> </u>
		(hereinafter designated as the undersigned) has (have) invented certain new and useful improvements in
Insert Title		SEMICONDUCTOR INTEGRATED CIRCUIT IN WHICH VOLTAGE DOWN
of Invention	-	
		CONVERTER OUTPUT CAN BE OBSERVED AS DIGITAL VALUE AND VOLTAGE DOWN CONVERTER OUTPUT VOLTAGE IS ADJUSTABLE
		AND VODIAGE BONK CONVENTER OF TOTAL VOLUME TO TOTAL TO
		for which an application for Letters Patent of the United States of America has been executed by the undersigned
		(except in the case of a provisional application).
Insert Date of Signing of		
Application	_	on March 9, 2004 ; and
••	_	
Insert Name	<b>=</b>	WHEREAS, Renesas Technology Corp.
of Assignee		
Insert Address		4.4 1.1.0 1
of Assignee	$\rightarrow$	of 4-1, Marunouchi 2-chome, Chiyoda-ku, IOKYO 100-6334 JAPAN
		its heirs, successors, legal representatives and assigns (hereinafter designated as the Assignee) is desirous of
ATT. ATT. TO ATT.		acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent(s) that may be granted therefor in the United States of America and
CHECK BOX IF APPROPRIATE	-	in any and all foreign countries.
		NOW EXPERIENCE IN A CALL OF THE PARTY (\$10.00).
		NOW, THEREFORE, in consideration of the sum of Ten Dollars (\$10.00) to the undersigned in hand paid, the receipt of which is hereby acknowledged, and other good and valuable consideration, the undersigned has (how) sold assigned and transferred and by those presents does sell assigned and transferred and by those presents does sell assigned and transferred and by those presents does sell assigned and transferred and by those presents does sell assigned and transferred and by those presents does sell assigned.
		has (have) sold, assigned and transferred, and by these presents does sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States of America, its territories,
		dependencies and possessions and the entire right, title and interest in and to any and all Letters Patent(s)
		which may be granted therefor in the United States of America, its territories, dependencies and possessions, and if the box above is designated, in any and all foreign countries;
		and it the box above is designated, in any and an foreign countries;
		and to any and all divisions, reissues, continuations, conversions and extensions thereof for the full term or terms for which the same may be granted.

PATENT REEL: 015135 FRAME: 0766 The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional, conversion or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuation, division, conversion or reissue thereof or Letters Patent(s) or reissue patent issued thereon and to cooperate with the Assignee in every way possible in obtaining and producing evidence and proceeding with such interference.

The undersigned agree(s) to execute all papers and documents and to perform any act which may be necessary in connection with claims or provisions of the International Convention for the Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States of America patent(s) or a grant of a valid United States of America and any foreign patent(s) to the Assignee and to vest all rights therein hereby conveyed to said Assignee as fully and entirely as the same would have been held by the undersigned if this Assignment and sale had not been made.

The undersigned hereby authorize(s) the request(s) the Patent and Trademark Office Officials in the United States of America and in any foreign countries to issue any and all Letters Patents resulting from said application or any continuing, divisional, conversion or reissue applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) the full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the law firm of BURNS, DOANE, SWECKER & MATHIS, L.L.P. the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the U.S. Patent and Trademark Office for recordation of this document.

The undersigned hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date March 9, 2004 ,	Name of Inventor <u>Jadayoshi</u> Nakano Tadayoshi NAKANO
Date March 9, 2004 .	Name of Inventor <u>Jakashi</u> <u>Nasu</u> Takashi NASU
Date,	Name of Inventor Fakashi Nasue T.N. March 9, 2004
Date	Name of Inventor
Date	Name of Inventor
Date,	Name of Inventor
Date	Name of Inventor
Date	Name of Inventor
Date	Name of Inventor

RECORDED: 03/24/2004

PATENT REEL: 015135 FRAME: 0767