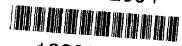
Form PTO-1595

11-18-2004



U.S. DEPART	MENT	OF	COMM	IERCE
U.S. Pater	nt and	Trac	temark	Office

(Rev. 10/02)	U.S. Patent and Trademark Office			
OMB No. 0651-0027 (exp. 6/30/2005) Attorney Dkt # 056203.55600US	884			
	lease record the attached original documents or copy thereof			
Name of conveying party(ies):	(၁) ကို			
	2. Name and address of receiving party(ies)			
(A) Takashi SASE	Name: HITACHI LTD.			
(B) Akihiko KANOUDA	Street Address a/a Assmura Batant Office			
(C) Tetsuya NAGAYAMA (D) Tadahiko HASHIMOTO	Street Address c/o Asamura Patent Office 331 New Ohtemachi Bldg.			
	2-1, Ohtemachi 2-Chome			
Additional name(s) of conveying party(ies) attached?  Yes  No	Chiyoda-ku, Tokyo 100-0004, JAPAN			
3. Nature of conveyance:	Additional name(s) & address(es) attached?   Yes   No			
☐ Security Agreement ☐ Change of Name				
☐ Other				
Execution Date: (A) 10/27/2004; (B) 10/27/2004; (C) 10/28/2004 and (D) 10/28/2004	·;			
Application number(s) or patent number(s):				
If this document is being filed together with a new application, the A. Patent Application No.(s)	<b>\</b>			
A. Tatent Application No.(3)	B. Patent Registration No.(s)			
A Live				
Additional number(s) atta 5. Name and address of party to whom correspondence	ached Li Yes 🔀 No			
concerning document should be mailed:	6. Total number of applications and patents involved 1			
Name: Crowell & Moring LLP	7. Total fee (37 CFR 3.41)\$40.00			
Intellectual Property Group	⊠ Enclosed			
Internal Address:	_			
memai Address.	Authorized to be charged to deposit account			
PO Box 14300				
Washington DC	8. Deposit account number:			
20044-4300				
	05-1323			
	(Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE				
9. Statement and signature.  To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy				
is a true copy of the original document.				
Vincent J. Sunderdick Willed Wignallight November 10, 2004				
Name of Person Signing Signature Date				
Total number of pages including cover sheet, attachments, and document: 2				

Mail documents to be recorded with required cover sheet information to: Commissioner of Patent & Trademarks, Mail Stop Assignment Recordation Services P.O. Box 1450, Alexandria, VA 22313-1450

> PATENT REEL: 015987 FRAME: 0008

W1997- 00 11.

## **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 HITACHI, LTD., a corporation organized under the laws of Japan, located at 6-6, Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan, receipt of which is hereby acknowledged I do hereby sell and assign to said HITACHI, LTD., its successors and assigns, all my right, title and interest, in and for the United States of America, in and to

RESONANT CONVERTER AND CONTROL METHOD THEREOF

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 HITACHI, LTD., 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 HITACHI, LTD.

Signed on the date(s) indicated aside signatures:

INVENTOR(S)

	(発明者フルネームサイン)	(署名日)
1)	Jakashi Sase	10/27/2004
2)	Takashi SASE  Philippo Kanonda	10/27/2004
ŕ	Akihiko KANOUDA	10/28/2004
3)	Tetsuya nagayama Tetsuya NAGAYAMA	10/28/2004
4)	Tadahiko HASHIMOTO	10/28/2004
5)		
6)		
7)		
8)		
ŕ		
9)		
10)		

PATENT REEL: 015987 FRAME: 0009

Date Signed

**RECORDED: 11/10/2004**