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	22-2002
Form PTO-1595 (Rev. 03/01) OMB No. 0654 0027 (over 5/21/2002)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
(exp. 3/3 1/2002)	(1995) - 1994 (1991) BIRTH (1991 1995)
To the Honorable Commissioner of Patents and Trademarks	98249 : Please record the attached original documents or copy thereof.
1. Name of conveying party(ies):	Name and address of receiving party(ies) Name: Sansha Electric Manufacturing Company, Limited
Makoto Sakurada Yoshiyuki Nishioka	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No	
3. Nature of conveyance:	
Assignment Merger	Street Address: 1-56 Nishiawaji 3-chome
Security Agreement Change of Name	
Other	Higashiyodogawa-ku
	City: OsakaState:Zip:
Execution Date: 08/07/2002	Country: Japan Additional name(s) & address(es) attached? Yes No
A. Patent Application No.(s) Additional numbers at	
5. Name and address of party to whom correspondence	6. Total number of applications and patents involved:
concerning document should be mailed: Name: William H. Murray, Esquire	7. Total fee (37 CFR 3.41)\$_40.00
Duane Morris LLP	✓ Enclosed
Duane Morris LLP	Enclosed Authorized to be charged to deposit account
Duane Morris LLP Internal Address: Street Address: One Liberty Place	
Internal Address:	Authorized to be charged to deposit account
Street Address: City:_PhiladelphiaState:_PA_Zip:19103	Authorized to be charged to deposit account
Street Address: City:_PhiladelphiaState:_PA_Zip:19103	Authorized to be charged to deposit account 8. Deposit account number:
Street Address: City:_PhiladelphiaState:_PA_Zip:19103 DO NOT USE	Authorized to be charged to deposit account 8. Deposit account number:
Street Address:	Authorized to be charged to deposit account 8. Deposit account number: THIS SPACE

PATENT REEL: 013200 FRAME: 0680

ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, Toru Arai of Kyoto-shi, Kyoto-fu, Japan; Makoto Sakurada of Yao-shi, Osaka-fu, Japan; and Yoshiyuki Nishioka of Sakai-shi, Osaka-fu, Japan;

Hereby sell, assign and transfer to Sansha Electric Manufacturing Company, Limited, a corporation of Japan, having a place of business at 1-56, Nishiawaji 3-chome, Higashiyodogawa-ku, Osaka, Japan, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled

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and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements, and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

PATENT REEL: 013200 FRAME: 0681 Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

The undersigned declare further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of this assignment, patent or patent application and any patent issuing thereon.

Date :	August 7, 2002	T. Arae
		Toru Arai
Date :	August 7, 2002	<u>Makoto Lakuracta</u> Makoto Sakurada
Date :	August 7, 2002	Yoshiyuki Nichioka Yoshiyuki Nishioka

RECORDED: 08/16/2002

PATENT REEL: 013200 FRAME: 0682