10-02-1998 Form PTO-1595 U.S DEPARTMENT OF COMMERCE 1-31-92 Patent and Trademark Office 100844964 To the Honorable Commissioner of se record the attached original documents or copy thereof. 2. Name and address of receiving party(ies)? Name of conveying party(ies): Name: MITSUBISHI DENKI KABUSHIKI KAISHA Hirohisa Ohta, Tetsuji Kondo, Takeshi Sugiyama and Chiaki Sugano Internal Address: Additional name(s) of conveying party(ies) attached? X no \_\_\_\_ yes Street Address: 2-3, Marunouchi 2-chome, Chiyoda-ku, Tokyo 100-8310 Japan 3. Nature of Conveyance: City Zip State XX Assignment Merger Additional name(s) & address(es) attached? \_\_\_ Security Agreement \_\_ Change of Name \_ yes \_X\_ no Other Execution Date: September 8, 1998 Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is: Sept.8, 1998 B. Patent No(s). A. Patent Application No.(s) Additional numbers attached? Yes X No 6. Total number of applications and patents involved: 1 5. Name and address of party to whom correspondence concerning document should be mailed: Robert J. Seas, Jr. SUGHRUE, MION, ZINN, MACPEAK & SEAS, PLLC \$\_40.00 E 7. Total Fee (37 CFR 3.41): 2100 Pennsylvania Avenue, N.W. XX Enclosed. Please charge any underpayment in Suite 800 connection with this Assignment to Deposit Account No. 19-Washington, D.C. 20037-3202 4880. Authorized to be charged to Deposit Account 8. Deposit Account No. 19-4880. 10/01/1998 JSHABRZZ 00000250 09158896 (Attach dupl. copy of this page if paying by Deposit Account) 40.00 OP FC:581 DO NOT WRITE IN THIS SPACE 9. Statement and Signature. To the bast of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

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> PATENT REEL: 9480 FRAME: 0404

## **ASSIGNMENT**

cons	In consideration of the sum of One Dollar (\$1.00), and sideration, the receipt of which is hereby acknowledged, the un		
	Hirohisa OHTA, Tetsuji KONDO, Takeshi SUGIYAMA an	d Chiaki SUGANO	
here	eby sells, assigns and transfers to		
MITSUBISHI DENKI KABUSHIKI KAISHA			
	of 2-3, Marunouchi 2-chome, Chiyoda-ku, TOKY	O 100-8310 JAPAN	
	einafter called the Assignee), its successors and assigns, threat in and to:	ne entire right, title, and	
(i)	the application for United States Letters Patent entitled STEP MOTOR		
	which was executed by the undersigned on the dates indi	cated below	
	or was filed on and accorded Serial N		
	(hereinafter called the Application);		
(ii)	any and all inventions and improvements which are described in the Application;		
(iii)	any and all United States Letters Patents which may be granted on the Application (hereinafter called Patent);		
(iv)	any and all divisions, continuations, substitutes, reexaminations, reissues, or extensions of the Application or Patent; and		
(v)	all benefits under the International Convention for the Protection of Industrial Property.		
_	Said Assignee of said patent application and the attorneys agent application are authorized to insert in this instrument the ber of said application.	<del>-</del>	
said	The Commissioner of Patents and Trademarks is authorized Letters Patent, when granted, to said Assignee.	ed to issue any and all of	
pate reex	Further, it is agreed that, when requested, without charge Assignee, the undersigned will execute all divisional, continuent applications; execute all additional assignments and amination papers; and provide all reasonable assistance require and maintain appropriate patent protection.	ing, substitute, or reissue other writings, including	
INVE	ENTOR(S):	DATE	
(Hi	rohisa OHTA) /firohisa Chta	slep tember 8,1998	
(Te	etsuji KONDO) <u>Tetsuji klondo</u>	September 8. 1998	
(Ta	akeshi SUCIYAMA) Jakeshi Suziyama	Laystember 8. 1998	
(Ch	piaki SUGANO) Chialoi Sugano	September 8. 1998	

**RECORDED: 09/23/1998** 

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