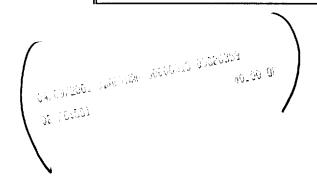
Attorney Docket No. 010496  U.S. DEPARTMENT OF COMMERCE  O4-20-2001  Patent and Trademark Office  ET				
Commissioner for Patents: 1 101677205 nents or copy thereof.				
Submission type: XX New 4/05/01				
Conveyance type: XX Assignment				
Conveying Party(ies): Execution Date				
First party Name: TOTSUKA, Shigeki April 2, 2001				
Second party Name:				
Third party Name:  Fourth party Name:  0 2826359				
Fourth party Name:				
Fifth party Name:				
Additional name(s) of conveying party(ies) attached? Yes No XX				
Receiving Party (ies): First party Name: YAZAKI CORPORATION Address: 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073, Japan				
Additional name(s) & address(es) attached? Yes No XX				
Domestic Representative Name and Address (Enter for the first Receiving Party only)				
ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP 1725 K Street, N.W., Suite 1000 Washington, D.C. 20006				
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PATENT REEL: 011687 FRAME: 0592

Page 2				
Correspondent Name and Address  ARMSTRONG, WESTERMAN, HATTORI, McLELAND & NAUGHTON, LLP  1725 K Street, N.W., Suite 1000  Washington, D.C. 20006				
Pages Enter the total number of pages of the attached conveyance document: 1 (including any attachments, but not counting cover sheets)				
Application Number(s) or Patent Number(s) Additional numbers attached? Yes No _XX				
A. Patent Application No.(s)  ##  B. Patent No.(s)  ##				
If this document is being filed together with a <u>new</u> application, enter the date the application was signed by the first named executing inventor: <u>April 2, 2001</u> (Do not recite both application and patent numbers.)				
Patent Cooperation Treaty (PCT) PCT				
Enter PCT application number only if PCT a U.S. Application Number has not been assigned PCT				
Number of Properties Enter the total number of properties involved:1				
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41) \$40.00				
XX Enclosed				
Authorized to be charged to Deposit Account No.: 01-2340				
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.  William L. Brooks  Name of Person Signing  Signature				
April 5, 2001 34,129 Date Registration No.				
Rev. 11/00				

PATENT REEL: 011687 FRAME: 0593

Armstrong, Westerman, Hattori, McLeland & Naughton  Docket No					
		um of One Dollar (\$1.00), and of one determined inventor(s) (hereinafter ASSIGNOR)			
(Insert ASSIGNEE's Name(s) Address(es))	Yazaki Corporation / 4-28, Mita 1-chome, Minato-ku, Tokyo 108-0073, Japan /				
	(hereinafter ASSIGNEE), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled				
(Title of Invention)	STEPPING MOTOR AND DRIVING APPARATUS				
(*If the assignment is being filed after the filing of the application, this section must be	for which application for Letters Patent of the United States was executed on even date herewith unless otherwise indicated below:  *filed on, Serial No  (Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the serie				
completed)	(Armstrong, Westerman, Hattori, McLeland & Naughton is hereby authorized to insert the series code, serial number and/or filing date hereon, when known)				
	continuation, divisional, substitute which the same may be granted.  The ASSIGNOR agrees to execute continuation, divisional, reissue or	ited States to be obtained therefor on , reissue or reexamination thereof for the teal papers necessary in connection with reexamination applications thereof and applications as the ASSIGNEE may dee	th the application and any also to execute separate		
	litigation, or other legal proceeds continuation, divisional, reissue or thereon and to cooperate with the	cute all papers necessary in connection which may be declared concerning reexamination thereof or Letters Patent ASSIGNEE in every way possible in interference, litigation, or other legal p	this application or any t or reissue patent issued obtaining and producing		
·	IN WITNESS WHEREOF, the u	ndersigned inventor(s) has (have) affixed	his/her/their signature(s).		
(Signatures)	Shinetsi Totsuhu	SHIGEKI TOTSUKA /	April 2, 2001		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	(SIGNATURE)	(TYPE NAME)	(DATE)		
	(SIGNATURE)	(TYPE NAME)	(DATE)		

RECORDED: 04/05/2001

**PATENT REEL: 011687 FRAME: 0594**