02-08-2000				
FORM PTO-1595 REC Patent and Trademark Office				
MRD- 11-26-00 101261465				
	Please record the attached original documents or copy thereof.			
Name of conveying party(ies):	2. Name and address of receiving party(ies):			
1. Italie of conveying purifices).	2. Timile and address of feetiving party(103).			
Tsunao Yura and Akira Koike	Name: Sanyo Denki Co., Ltd.			
1200190 TOLS SHO WILLS WORK	Internal Address:			
Additional name(s) of conveying party(ies) attached? ☐ Yes ☐ No	C 401			
	000			
3. Nature of Conveyance:	Street Address: 15-1, 1-chome			
☑ Assignment ☐ Merger	City: Kitaotsuka, Toshima-ku, Tokyo State:			
☐ Security Agreement ☐ Change of Name	•			
☐ Other	JAPAN Zip: _			
Execution Date: January 6, 2000; January 6, 2000	Additional name(s) of receiving party(ies) attached? □ Yes ⊠ No			
4. 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: January 6, 2000;				
January 6, 2000				
A. Patent Application No.(s):	B. Patent No.(s):			
	2. 1 4000 1101(0).			
 Additional number(s) attached? □ Yes ⊠ No				
5. Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1			
Name: <u>David E. Spaw</u>				
/04/2000 SCARMICH 00000104 AS481884 .	7. Total Fee (37 C.F.R. §3.41)\$40.00			
Street Address: 526 Superior Avenue, East FC:581 Suite 1200 OF	⊠ Enclosed			
Suite 1200 of	_			
	☐ Authorized to be charged to Deposit Account			
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City: Cleveland State: OH Zip: 44114-1484	16-0820, Order No. 32302			
	(Attach duplicate copy of this page if paying by deposit account)			
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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.				
$\int_{C} -I \rho C$				
David E. Spaw January 26, 2000 Name of Person Signing Signing				
Name of Person Signing Signature Date Total number of pages including cover sheet, attachments, and document: 3				

PATENT REEL: 010524 FRAME: 0171

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned in

PERMANENT MAGNET TYPE STEPPING MOTOR

and are the subject of a patent application prepared for filing in the United States Patent and Trademark Office, and executed by the undersigned on the dates indicated below in the appropriate spaces to the left of the signatures of the undersigned, which application is further identified as Pearne, Gordon, McCoy & Granger Docket No. 32302.

WHEREAS, Sanyo Denki Co., Ltd., a corporation of Japan, having a place of business at 15-1, 1-chome, Kitaotsuka, Toshima-ku, Tokyo, Japan, hereinafter referred to as "assignee", is desirous of acquiring all right, title, and interest throughout the world in, to, and under said improvements and inventions and patent rights therefor.

NOW, THEREFORE, be it known that, for valuable consideration, the receipt and sufficiency of which are hereby acknowledged, all right, title, and interest, in the United States and throughout the world, in, to and under said improvements and inventions and all patents, patent applications, patent rights, and inventor's certificates thereof, therefor, and therein, including without limitation said application for patent in the United States, all divisions and continuations thereof, all patents which may be granted thereon, all reissues and extensions thereof, all right to sue for past infringement thereunder, all patents which may be granted for said improvements and inventions by states or nations other than the United States, or by other authority, entity, or organization, and all applications therefor, have been and are hereby sold, assigned, transferred, and delivered unto assignee, its successors and assigns; and it is covenanted and agreed by the undersigned, and for executors, administrators, and legal representatives of the undersigned, that at assignee's request any and all applications, affidavits, assignments, and other instruments will be made, executed, and delivered as may be necessary. or desirable to secure for or vest in assignee, its successors or assigns, any improvement, inventions, right, title, interest, application, patent, patent right or other right or property covered by this assignment, and the United States Commissioner of Patents and Trademarks is hereby requested and authorized to issue any and all United States patents granted on any of said applications to assignee as owner of the entire right, title, and interest in, to, and under the same, and appropriately empowered officials of foreign countries are hereby authorized to issue any letters patent granted on any of said applications to assignee as owner of the entire right. title and interest in, to, and under the same.

The undersigned hereby grants the firm of Pearne, Gordon, McCoy & Granger 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 United States Patent and Trademark Office for recordation of this document.

PGM&G PT605

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PATENT REEL: 010524 FRAME: 0172

	Date I Signed Declaration	Today's Date	
W. Jakewoki 5/2000 Witness	Jan. 6, 2000	Jan. 6, 2000	Name: Tsunao YURA
<u>A. Asako '/6/2000</u> Witness		o Denki Co., Ltd. chome, Kitaotsuka	., Toshima-ku, Tokyo, Japan
	Date I Signed Declaration	Today's Date	
N'. Takwoki 1/6/2000 Witness	Jan. 6, 2000	Jan. 6, 2000	Alkine Hirko Name: Akira KOIKE
<u>A. Asako 1/6/2000</u> Witness		yo Denki Co., Ltd. -chome, Kitaotsuka	ı, Toshima-ku, Tokyo, Japan
	Date I Signed Declaration	Today's Date	
Witness			Name:
Witness			
	Date I Signed Declaration	Today's Date	
Witness			Name:

PGM&G PT605

Witness

Address:

RECORDED: 01/26/2000

Page 2 of 2

PATENT REEL: 010524 FRAME: 0173