

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Akira Koike</td><td>12/20/2005</td></tr><tr><td>Ikuo Takeshita</td><td>12/20/2005</td></tr></tbody></table>		Name	Execution Date	Akira Koike	12/20/2005	Ikuo Takeshita	12/20/2005				
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Sanyo Denki Co., Ltd.</td></tr><tr><td>Street Address:</td><td>15-1, Kitaotsuka 1-chome</td></tr><tr><td>Internal Address:</td><td>Toshima-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr></table>		Name:	Sanyo Denki Co., Ltd.	Street Address:	15-1, Kitaotsuka 1-chome	Internal Address:	Toshima-ku	City:	Tokyo	State/Country:	JAPAN
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
Fax Number: (216)566-9711 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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Email: docketing@rankinhill.com											
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ATTORNEY DOCKET NUMBER:	16421										
NAME OF SUBMITTER:	David E. Spaw										
Total Attachments: 2 source=16421#page1.tif source=16421#page2.tif											

CH 11300549 \$40.00

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PATENT
REEL: 017007 FRAME: 0165

ASSIGNMENT

WHEREAS, new and useful improvements have been made by the undersigned
in ROTOR FOR HYBRID TYPE STEPPING MOTOR AND
MANUFACTURING METHOD THEREOF

that are the subject of an application for a U.S. Patent, (Application No. 11/300549,
filed December 14, 2005), which application is further identified as Rankin, Hill,
Porter & Clark LLP Docket No. NIS-16421.

WHEREAS, Sanyo Denki Co., Ltd., a corporation
of Japan, and having a place of business at
15-1, Kitaotsuka 1-chome,
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 Rankin, Hill, Porter & Clark LLP the
power to insert on this assignment any identification that 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.

IN WITNESS WHEREOF, this assignment has been executed below by the undersigned:

(1) Inventor Name (sole or joint): Akira KOIKE
Signature: Akira Koike
Today's Date : December 20, 2005

Witness: Masaaki Ohashi
Witness: Hisayuki Miyajima

(2) Inventor Name (joint): Ikuo TAKESHITA
Signature: Ikuo Takeshita
Today's Date : December 20, 2005

Witness: Masaaki Ohashi
Witness: Hisayuki Miyajima

(3) Inventor Name (joint): _____
Signature: _____
Today's Date : _____

Witness: _____
Witness: _____

(4) Inventor Name (joint): _____
Signature: _____
Today's Date : _____

Witness: _____
Witness: _____