10-07-2003

RECC U.S. DEPARTMENT OF COMMERCE FORM PTO-1595 Patent and Trademark Office (Rev. 10/02) Docket No.: 57454-980 9.2 102568789 To the Honorable Commissioner for Patents and Trademarks: Please record the attached original documents or copy thereto: 2. Name and address of receiving party(ies): 1. Name of Conveying Party(ies): NTN CORPORATION Name: Koji YAMADA Address: 3-17. Kvomachibori 1-chome Additional name(s) of conveying party(ies) attached? \(\subseteq \text{Yes} \subseteq \text{No} \) Nishi-ku, Osaka-shi 3. Nature of Conveyance: Osaka JAPAN Assignment Assignment Merger Security Agreement Change of Name Other Execution Date: September 16, 2003 Additional name(s) & address(es) attached? \(\subseteq \text{Yes} \subseteq \text{No} \) 4. Application number(s) or patent number(s): If the document is being filed together with a new application, the execution date of the application is: September 16, 2003 B. Patent No(s). A. Patent Application No(s). 10671574 Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: Name: MCDERMOTT, WILL & EMERY 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Internal Address: Authorized to be charged to deposit account 8. Deposit account number: Street Address: 600 13th Street, N.W. 500417 City: Washington State: D. C. 20005-3096 DO NOT USE THIS SPACE 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. Stephen A. Becker, 26,527 September 29, 2003 Name and Registration No. of Person Signing Date Total number of pages including cover sheet: OMB No. 0651-0027 (exp. 6/30/2005) 10/07/2003 LINELLER 00000069 500417 10671574

FC:8021

40.00 M

PATENT REEL: 014551 FRAME: 0645

ASSIGNMENT

WHEREAS,	Koji YAMADA , hereinafter called the "Assignor," has		
invented a new and	luseful invention entitled <u>MAGNETIC BEARING DEVICE STABLY</u>		
CARRYING A ROT	ARY SHAFT, PROGRAM FOR EXECUTING A COMPUTER TO		
CONTROL THE MA	AGNETIC BEARING STABLY CARRYING THE ROTARY SHAFT		
AND COMPUTER-I	READABLE RECORD MEDIUM STORING THE PROGRAM ,		
for which he has:			
(a)	filed an application for United States Letters Patent on		
` '	as (Serial No); or		
(b)	executed an application for United States Letters Patent on		
\' /	September 16, 2003 or		
)		
(c)	filed a provisional application on		
(-)	as (Serial No); and		
WHEREAS.	NTN Corporation , a corporation organized		
and existing under the laws of <u>Japan</u> , having a place of business at:			
_	machibori 1-chome, Nishi-ku, Osaka-shi, Osaka, Japan		
hereinafter called the "Assignee," is desirous of acquiring the entire right, title			
and interest in and to said invention, the application above identified, and in, to			
and under any Letters Patent which may be obtained to said invention, as			
hereinafter more fully set forth;			
TOTOTION TOTO TORY SOUTORIL			

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for and in consideration of the sum of One Dollar (\$1.00), and other valuable and legally sufficient considerations, the receipt of which by said Assignor from the said Assignee is hereby acknowledged, the said Assignor has sold, assigned and transferred, and by these presents do sell, assign and transfer unto the said Assignee, the entire, right, title and interest for the United States in and to the invention and application hereinabove identified, and any Letters Patent of the United States that may issue for said invention, together with the entire right, title and interest in and to said invention and applications for Letters Patent and Letters Patent therefor, in all countries foreign to the United States, including the full right to claim for any such application all benefits and priority rights under any applicable convention; to have and to hold for the sole and exclusive use and benefit of the said Assignee, its successors and assigns, to the full end of the term or terms for which any and all of said Letters Patent for said inventions may issue.

PATENT REEL: 014551 FRAME: 0646 And the said Assignor does hereby covenant and agree, for himself and his legal representatives, that he will assist the said Assignee in the prosecution of the application herein identified; in the making and prosecution of any other applications for Letters Patent that the said Assignee may elect to make covering the invention herein identified, as hereinabove set forth; in vesting in the said Assignee like exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patent herein contemplated; and that they will execute and deliver to the said Assignee any and all additional papers which may be requested by the said Assignee to fully carry out the terms of this Assignment.

The undersigned hereby grant(s) the attorneys of McDermott, Will & Emery 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.

And the Commissioner of Patents and Trademarks is hereby authorized and requested to issue Letters Patent to the said Assignee in accordance with the terms of this Assignment.

IN TESTIMONY WHEREOF, the said Assignor has hereunto set his hands and affixed his seal.

Date: _	September 16, 2003	Roji Jamada
(Seal)		Koji YAMADA
Date:		
(Seal)		
Date:		
(Seal)		
Date:		
(Seal)		

RECORDED: 09/29/2003