

## PATENT ASSIGNMENT

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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>Toru NANASAWA</td> <td>07/17/2013</td> </tr> <tr> <td>Naoto HORIUCHI</td> <td>07/17/2013</td> </tr> </tbody> </table>		Name	Execution Date	Toru NANASAWA	07/17/2013	Naoto HORIUCHI	07/17/2013
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Toru NANASAWA	07/17/2013						
Naoto HORIUCHI	07/17/2013						
RECEIVING PARTY DATA							
Name:	NSK Ltd.						
Street Address:	6-3, Ohsaki 1-chome						
Internal Address:	Shinagawa-ku						
City:	Tokyo						
State/Country:	JAPAN						
Postal Code:	141-8560						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13982930</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13982930		
Property Type	Number						
Application Number:	13982930						
CORRESPONDENCE DATA							
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ATTORNEY DOCKET NUMBER:	Q205796						
NAME OF SUBMITTER:	Charles Pace, Teams Specialist						
Signature:	/Charles Pace/						
Date:	07/31/2013						
Total Attachments: 1 source=Q205796AssignmentExecuted#page1.tif							

OP \$40.00 13982930

## Assignment

Whereas, I/We, Toru NANASAWA and Naoto HORIUCHI, both of Fujisawa-shi, Kanagawa, Japan, hereinafter called assignor(s), have invented certain improvements in  
PIVOT BEARING UNIT FOR HARD DISK ACTUATOR

and executed an application for Letters Patent of the United States of America therefor on  
July 17, 2013; and

Whereas, NSK Ltd. of 6-3, Ohsaki 1-chome, Shinagawa-ku, Tokyo 141-8560 Japan(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;

Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisions, and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_ and Confirmation number \_\_\_\_\_, filed \_\_\_\_\_) the application number, confirmation number and filing date of said application when known.

Date: July 17, 2013

Toru Nanasawa

s/ Toru NANASAWA

Date: July 17, 2013

印 田 内 人

s/ Naoto HORIUCHI

Date: \_\_\_\_\_

s/

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)