

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>Hidekazu MICHIOKA</td><td>06/26/2007</td></tr><tr><td>Masahiko YOSHINO</td><td>06/26/2007</td></tr></tbody></table>	Name	Execution Date	Hidekazu MICHIOKA	06/26/2007	Masahiko YOSHINO	06/26/2007					
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Hidekazu MICHIOKA	06/26/2007										
Masahiko YOSHINO	06/26/2007										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>THK Co., Ltd.</td></tr><tr><td>Street Address:</td><td>11-6, Nishi Gotanda 3-chome, Shinagawa-ku</td></tr><tr><td>City:</td><td>Tokyo</td></tr><tr><td>State/Country:</td><td>JAPAN</td></tr><tr><td>Postal Code:</td><td>141-8503</td></tr></table>	Name:	THK Co., Ltd.	Street Address:	11-6, Nishi Gotanda 3-chome, Shinagawa-ku	City:	Tokyo	State/Country:	JAPAN	Postal Code:	141-8503	
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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>11719821</td></tr></tbody></table>	Property Type	Number	Application Number:	11719821							
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Application Number:	11719821										
CORRESPONDENCE DATA											
Fax Number: (202)822-1111 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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NAME OF SUBMITTER:	Stephen G. Adrian										
Total Attachments: 1 source=071605Assignment#page1.tif											

OP \$40.00 11719821

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PATENT
REEL: 021435 FRAME: 0814

U.S. ASSIGNMENT(Insert ASSIGNEE's
Name(s) Address(es))

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter ASSIGNOR) by
THK Co, Ltd. a corporation organized and existing under the laws of Japan,
having a place of business at 11-6, Nishi Gotanda 3-chome, Shinagawa-ku,
Tokyo 141-8503 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)

MOVEMENT GUIDING DEVICE FOR VACUUM ENVIRONMENT

(*If the assignment is
 being filed after the
 filing of the
 application, this
 section must be
 completed)

for which application for Letters Patent of the United States was executed on even date herewith
 unless otherwise indicated below:

* filed on _____ Serial No.

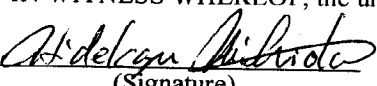

(Westerman, Hattori, Daniels & Adrian, LLP is hereby authorized to insert the series code, serial
 number and/or filing date hereon, when known)

and all Letters Patent of the United States to be obtained therefore on said application or any
 continuation, divisional, substitute, reissue or reexamination thereof for the full term or terms for
 which the same may be granted.

The ASSIGNOR agrees to execute all papers necessary in connection with the application and any
 continuation, divisional, reissue or reexamination applications thereof and also to execute separate
 assignments in connection with such applications as the ASSIGNEE may deem necessary or
 expedient.

The ASSIGNOR agrees to execute all papers necessary in connection with any interference,
 litigation, or other legal proceeding which may be declared concerning this application or any
 continuation, divisional, reissue or reexamination thereof or Letters Patent or reissue patent issued
 thereon and to cooperate with the ASSIGNEE in every way possible in obtaining and producing
 evidence and proceeding with such interference, litigation, or other legal proceeding.

(Signatures)

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).		
	Hidekazu MICHIOKA	June 26, 2007
(Signature)	(Type Name)	(Date)
	Masahiko YOSHINO	June 26, 2007
(Signature)	(Type Name)	(Date)
_____	_____	_____
(Signature)	(Type Name)	(Date)
_____	_____	_____
(Signature)	(Type Name)	(Date)
_____	_____	_____
(Signature)	(Type Name)	(Date)
_____	_____	_____
(Signature)	(Type Name)	(Date)

NO LEGALIZATION REQUIRED**PATENT****RECORDED: 08/25/2008****REEL: 021435 FRAME: 0815**