

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>Mitsuo Kodama</td> <td>03/01/2013</td> </tr> <tr> <td>Takanori Watanabe</td> <td>03/11/2013</td> </tr> <tr> <td>Susumo Ando</td> <td>03/11/2013</td> </tr> <tr> <td>Taketo Nonaka</td> <td>03/12/2013</td> </tr> </tbody> </table>		Name	Execution Date	Mitsuo Kodama	03/01/2013	Takanori Watanabe	03/11/2013	Susumo Ando	03/11/2013	Taketo Nonaka	03/12/2013
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Mitsuo Kodama	03/01/2013										
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Susumo Ando	03/11/2013										
Taketo Nonaka	03/12/2013										
RECEIVING PARTY DATA											
Name:	Samsung Electro-Mechanics Japan Advanced Technology Co., Ltd.										
Street Address:	430-1, Hanagura, Fujieda-shi										
City:	Shizuoka										
State/Country:	JAPAN										
Postal Code:	426-0292										
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>13855489</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13855489						
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Application Number:	13855489										
CORRESPONDENCE DATA											
Fax Number:	2027725858										
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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ATTORNEY DOCKET NUMBER:	140899.00101										
NAME OF SUBMITTER:	Michael C. Greenbaum										
Signature:	/Michael C. Greenbaum/										

OP \$40.00 13855489

Date:

04/03/2013

Total Attachments: 4

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ASSIGNMENT

- Inventor(s) Name(s): (1) **Mitsuo KODAMA**
(2) **Takanori WATANABE**
(3) **Susumo ANDO**
(4) **Taketo NONAKA**

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the said assignors have sold, assigned, transferred and set over, and by these presents do sell assign, transfer and set over, unto the assignee,

Name of Assignee: **Samsung Electro-Mechanics Japan Advanced Technology Co., Ltd.**

Assignee Address: 430-1, Hanagura, Fujieda-shi, Shizuoka 426-0292, Japan

(hereinafter designated as the Assignee) the entire right, title and interest in the invention for patent in the United States of America

Title: **A DISK DRIVE DEVICE**

Application No.: filed as U.S. Application Serial No. : 13/855,489

Date of signing of application: March 11, 2013, and March 12, 2013

for which the undersigned has (have) executed an application for patent in the United States of America

and any and all applications for patent and patents in any and all countries, including all non-provisionals, divisions, continuations, reissues, and extensions thereof and all rights of priority resulting from the filing of said United States application.

1) The undersigned agree(s) to execute all papers necessary in connection with this application and any non-provisional, continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or non-provisional, continuation or division thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

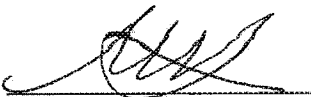
3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said application or any non-provisional, division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute, any agreement in conflict herewith.

6) The undersigned hereby grant(s) the firm of BLANK ROME LLP, 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.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 2013/03/11 Signature of Inventor:  (seal)
Mitsuo KODAMA

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness _____

Witness _____

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 11-Mar-2013 Signature of Inventor: *T. Watanabe* (seal)
Takanori WATANABE

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness _____

Witness _____

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 11-Nov-2013 Signature of Inventor: *S. Ando* (seal)
Susumu ANDO

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness _____

Witness _____

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date: 12 - Mar. 2013 Signature of Inventor: J. Nonaka (seal)
Taketo NONAKA

This assignment should preferably be signed before a United States Consul. If not, then the execution by the Inventor(s) should be witnessed by at least two witnesses who sign here:

Witness _____

Witness _____