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To the Director of the U.S. Patent

MIR 04-12-13

1. Name of conveying parties:
- 1.) Kwan Soo YUN
  - 2.) Shin Young CHEONG
  - 3.) Ta Kyoung LEE
  - 4.) Song Bon OH

2. Name and Address of receiving party:

**SAMSUNG ELECTRO-MECHANICS CO., LTD.**  
**314 Maetan-3-dong, Yeongtong-gu,**  
**Suwon, Gyunggi-do,**  
**Republic of Korea**

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other: \_\_\_\_\_

Execution Date(s): (1)(2)(4) March 27, 2013; (3) March 28, 2013

4. Application number(s) or patent number(s):

This document is being filed together with a new application.  
OR

This document is being filed after filing of the application:

- (a) Patent Application No(s). 13/859,439, filed April 9, 2013; or
- (b) Patent No(s). , issued .

5. Name and address of party to whom correspondence concerning document should be mailed:

STAAS & HALSEY LLP Our Docket: 1938.1675  
Attention: David M. Pitcher  
1201 New York Ave., N.W., 7th Floor  
Washington, D.C. 20005

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Patent or Application in Assignment)

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8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)

David M. Pitcher, Reg. No. 25,908  
Name of Person Signing

Signature

April 12, 2013  
Date

Total number of pages including cover sheet: 2

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# U.S. ASSIGNMENT

SRH 703

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  
(Insert Name(s) & Address(es) of ASSIGNEE(S))

**SAMSUNG ELECTRO-MECHANICS CO., LTD.**  
**314 Maetan-3-dong, Yeongtong-gu, Suwon, Gyeonggi-do, Republic of Korea**

(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

## SPINDLE MOTOR AND HARD DISK DRIVE INCLUDING THE SAME

relating to International Patent Application PCT/\_\_\_\_\_/\_\_\_\_\_ and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on \_\_\_\_\_; (Insert date of execution of application, if not concurrent)

(b) filed on \_\_\_\_\_

Serial No. \_\_\_\_/\_\_\_\_\_;

Any registered attorney of STAAAS & HALSEY LLP, 1201 New York Ave., N.W., Suite 700, Washington, D.C. 20005 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

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The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).  
(Typed Name & Signature of Inventor(s)) (Date) (Typed Name & Signature of Witness(es))

- 1) Kwansoo Yum      3/27/2013      \_\_\_\_\_  
YUN, Kwan Soo
- 2) [Signature]      03/27/2013      \_\_\_\_\_  
CHEONG, Shin Young
- 3) [Signature]      28. Mar. 2013      \_\_\_\_\_  
LEE, Ta Kyoung
- 4) Oh Song Bon      27. Mar. 2013      [Signature]  
OH, Song Bon

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