OPAP FORM PTO-1595	
APR 1 2 20 Fo the Director of the U.S.	
1. Name of conveying	p aπies :
A) Song Bon OH	



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APR 1 2 2012 5

1.)	Song	Bon	Ol	Н

- 2.) Jong Ryeol 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

	Republic of Korea
3.	Nature of conveyance: X
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). 13/444,273, filed April 11, 2012; or (b) Patent No(s).
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1938.1486 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) ☐ Enclosed ☐ Authorized to be charged to credit card. ☐ Authorized to be charged to deposit account.
8.	Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account) (Attach duplicate copy of this page if paying by deposit account)
	M. Pitcher, Reg. No. 25,908 of Person Signing Signature Of FC:8021 Total number of pages including cover sheet: 2

Revised April, 2011

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Docket No. .

U.S. ASSIGNMENT

S&H 7/03

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, Gyunggi-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

HYDRODYNAMIC BEARING APPARATUS AND SPINDLE MOTOR HAVING THE SAME

relating to International Patent Application PCT//_executed on even date herewith or, if not so executed, was:	and/or for which application for Letters Patent of the United States was
(a) executed on;	(Insert date of execution of application, if not concurrent)
(b) filed on, Serial No;	Any registered attorney of STAAS & HALSEY I.LP, 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.
renewal substitute, reissue or reexamination application b	ited States granted on said application and any continuation, division, based thereon, for the full term or terms for which the said Letters ereof (collectively, hereinafter, "said application(s) and Letters
to do all acts which the ASSIGNEE may deem necessary, protection for said invention, including in the preparation Patent(s), in any interference, reissue, reexamination, or publich may arise or be declared in relation to same, such a	SIGNEE and without charge to but at the expense of said ASSIGNEE, desirable or expedient, for securing, maintaining and enforcing and prosecution of said application(s) and the issuance of said Letters public use proceeding, and in any litigation or other legal proceeding acts to include but not be limited to executing all papers, including eaths, providing sworn testimony, and obtaining and producing
IN WITNESS WHEREOF, the undersigned inventor(s) (Typed Name & Signature of Inventor(s)) (Date,	s) has (have) affixed his/her/their signature(s).) (Typed Name & Signature of Witness(es))
1)	/20/2
2) OH, Jong Ryeol OS/27/	2012

甚 美国人 计智慧性 清晰中经人就整理等级外别 图书的代 医疗 医初 医光层 不 宜 對一

RECORDED: 04/12/2012