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	FORM PTO-1595 U.S. DEPARTMENT OF COMMERCE					
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-	To the Director of the U.S. Patent and Trac. 103131981					
1.	Name of conveying party:					
	Han-rae CHO 62					
2.	Han-rae CHO  Name and Address of receiving party:  SAMSUNG ELECTRONICS COLUMN  SAMSUN					
	SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 443-742 Republic of Korea					
	Nature of conveyance:  X					
1.	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:					
	<ul><li>(a) Patent Application No(s). , filed ; or</li><li>(b) Patent No(s). , issued .</li></ul>					
•	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1793.1853  Attention: Gregory W. Harper 1201 New York Ave., N.W., Suite 700 Washington, D.C. 20005					
<b>3</b> .	Total number of applications and patents involved:1					
<b>7</b> .	Total fee (37 CFR 3.41) (\$ 40.00 per Patent or Application in Assignment)  ☐ Enclosed ☐ Authorized to be charged to deposit account.					
3.	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)					
	of Person Signing  Signature  1. Horses  Tov 30, 2005  Date					

PATENT REEL: 017308 FRAME: 0702

Docket No. 1793.1853

## U.S. ASSIGNMENT

3.EST 7/03

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good end valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-Dong, Yeongtong-gu, Suwon-si, 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 (Title of Invention)

## ACTUATOR OF HARD DISK DRIVE AND METHOD OF FABRICATING THE ACTUATOR

relating to international Par executed on even date here:	ent Application PCT/	/and/or for w	which application for Letters Patent of th	e United States was	
(a) expouted on		; (Insert date e	(Insert date of execution of application, if not concurrent)		
(b) filed on		N.F. Suite 7	Any registered attorney of STAAS & ITALSEY U.F. 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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	F. the undersigned invent	ng evidence. Or(s) has (have) affixed his (Date)	e'hor/their signature(s). (Typed Name & Signatur	re of Witness(es))	
Han-rae CHO		2005.11.11	<u>/</u>		
2)					
3)				***************************************	
4)					
5)					

PATENT REEL: 017308 FRAME: 0703

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