	CAMOCULATE				
,	FORM PTO-7595	04-11-2006	S&H Form: (2/01)		
			OF COMMERCE		
	COSLOPARA APR 0 3 2006		Patent and Trademark Office		
	©2005 Staas & Halsey LLP				
	To the Director of the U.S. Parademark Unice	103215481			
1.	Name of conveying party(ies):  1) Ki-tag JEONG  2) Chul-woo LEE  3) Jae-myung JUNG  4) Jun JEONG  5) Dae-sik HONG  6) Han-rae CHO	CERTIFICATE OF FACSIMILE To hereby certify that this corresponde mitted via facsimile to: Commissione P.O. Box 1450, Alexandria, VA 223: on November 17-STAAS & HALSEY	nce is being trans- er for Patents,		
2.	Name and Address of receiving party(ies):	By: 1. Uicillas 12.			
	SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-Dong, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea				
3.	Nature of conveyance:  Assignment Merger Security Agreement Change of Name X Other: Record to add the name and the document date of the sixth Assignor on the Assignment Document previously recorded at Reel 016289, Frame 0185. The name of the sixth Assignor is Han-rae CHO and the document date is February 17, 2005.  Execution Date(s): February 14, 2005; January 26, 2005; January 26, 2005; January 26, 2005; January 26, 2005 and February 17, 2005.				
4.	<ul> <li>Application number(s) or patent number(s):</li> <li>☐ This document is being filed together with a new application.</li> <li>☐ OR</li> <li>☑ This document is being filed after filing of the application:</li> <li>(a) Patent Application No(s). 11/059,602, filed February 17, 2005; or</li> <li>(b) Patent No(s). , issued .</li> </ul>				
5.	Name and address of party to whom correspondence concerning document should be mailed: STAAS & HALSEY LLP Our Docket: 1793.1628  Attention: Gene M. Garner, II  1201 New York Ave., N.W., Suite 700  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 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)					
Gene	<u> M. Garner, II, Reg. No. 34,172</u>	DI WE	NW172006		
Name of Person Signing Signature Date					
	,	<b>-</b>			
	DO NOT U	I otal number of pages	s including cover sheet: 6		
			}		

©2001 Staas & Halsey LLP

4.3.06



PATENT REEL: 017756 FRAME: 0974

02-25-2005							
FORM PTO-1595  HEET U.S. DEPARTMENT OF COMMERCE							
		e2005 Staas & Halsey LLP 102947920  To the Director of the U.S. Patent and Trademark Office: Please record the attached document.					
17-05	1.	Name of conveying party(ies):  Ki-tag Jeong Chul-woo Lee Jae-myung Jung Jun-Jeong Dae-sik Heong					
4	2.	Name and Address of receiving party(ies):					
		SAMSUNG ELECTRONICS CO., LTD. 416, Maetan-Dong, Yeongtong-gu, Suwon-si, Gyeonggi-do 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)., filed February 17, 2005; 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: 1793.1628 Attention: Gene M. Garner, II 1201 New York Ave., N.W., Suite 700 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 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)					
Michael E. Kondoudis, Reg. No. 42,758 Name of Person Signing Total number of pages including cover sheet: 03  Do NOT USE THIS SPACE							
©2005 02/22/2005 HMARZI1 00000037 193935 11059602 01 FC:8021 40.00 OP							

PATENT REEL: 017756 FRAME: 0975



## U.S. ASSIGNMENT

N CONSIDERATION of the even of One Collar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (horamatier, "ASSIGNOR") by

(Insert Name(s) & Address(cs) of ASSIGNER(S))

SAMSUNG ELECTRONICS CO., LTD. 416, Maeten-Pong, Yeongtong-gu, Suwon-ei, Gyeonggi-do Republic of Korea

(hereination, "ASSIGNEE"), thu receipt of which in hereby subnowledged, the undersigned ASSIGNOR hereby sets, assigns and transfers to ASSIGNEE's, and enducive right, title and interest to the invention entitled (78% of invention)

METHOD FOR CONROLLING MOVEMENT OF HEAD IN DATA STORAGE DEVICE AND DISK DRIVE EMPLYING THE METHOD

relating to imperiational Patent Application PCTUP / profession for Letters Patent of the United States was executed on even date herewith er, if not so executed, was, implied for which application for Letters Patent of the United States (a) assessed on ; [Present date of execution of application, if not concurrent]

(b) Rind on .

Any registered attorney of STAAS & PALSEY LLT, 1201 New York Avenue, N.W., Suite 700 Woshington, D.C. 2000S (2024/34 / 200) is hereby authorized to insert in (b) the specified date, which known,

and to self application and all Latters Palends) of the United States granted on spid application and any continuation, division, renowed, substitute, release or recommission application based thermon, for the full term or terms for which the said Letters Patentis) may be greated and including say extensions thereof (collectivity, hashinatian, "said application(s) and Letters Patentis)").

The ASSIGNOR agroups, when requested by said ASSIGNES and without charge to but at the experime of mid ASSIGNES, to do at acts which the ASSIGNES, to do at acts which the ASSIGNES may deep message, desirable or expedient, for securing, mointaining and professing protection for and invention, housing in the preparation and prosportion of and applications; and the issuence of add juntos Paratite), in any interference, measure, recurrentable, as unable as a proceeding and is any distribution to other legal proceeding which may arise or be declared in relation to terms, such sea to include the full follows are transfered to the providing at papers, including separate assignments and declarations, taking all rightly south, providing seven is already, and abtoring and producing evidence.

IN WITNESS WHEREOF, the undersigned inventorial has (here) effect his/hortenin signature(s).

(Typed Name & Signature of In-Antonia)) (Date) (Typed Name & Signature of Witness(as))

1)	Ki-Tag Jeong	2005.2-14	process and specific and d
2)	Chul-wap Lee		
3)	Jes-myung Jung		and the state of t
4)	paoal, nut		
	Dae-sik Hong		
¢}	Hay-rya Cho	. ,	***
7)	YSATA	2005.2.17	

**PATENT** 

REEL: 017756 FRAME: 0976



## U.S. ASSIGNMENT

au use.

IN CONSIDERATION of the must of Circ Police (61,00), and of other good and valuable consideration paid to the until plant of the until plant of the until plant of the unitalization (not plant of the unitalization) (not pla

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

Samsung Electronics Co., LTD. 416, Maetan-Dong, Yeongtong-gu, Suwon-st, Gyeongol-do Republic of Korea

(horetrafler, "ASSIGNEE"), the reculp) of which is hereby actinoviledged, the undersigned ASEIGNOR hereby solts, Aphigna and transfer, to ASSIGNEE the entire and exclusive right, little and interest to the Invention antifind

METHOD FOR CONROLLING MOVEMENT OF HEAD IN DATA STORAGE DEVICE AND DISK DRIVE EMPLYING THE METHOD

and/or for which application for Letters Patent of the United States

(a) executed on ; (insurt date of execution of application, if not correspond) Any registered afformay of STAAS & HALSEY UP. 1201 New York (b) (And on . Avenue, N.W., Suite 100 Watchington, D.C. zurus (EGZ/43e-1500) is hereby authorized to insert in (D) the speedice data, when whom. Serial No. 1

and to said application and all Lebots Patentlet of an instant States granded on and application and any continuation, division, renewal, subditute, related or researchantes explication based thereon, for the full same or terms for which the said Letters Palentlet eray be granted and including tray extensions thereof (collectively, hereinefier, "said application(s) and Letters Palentlet").

The ASSIGNOR agree(s), whose requested by talk ASPIGNOSE and without charge to but at the supprior or talk ASSIGNOSE may decreasely, sestable or supplication, for securing, metrizating and enforcing protection for soid invention, between the tree preparation and protection of talk applications) and the leasurese of talk Letters Patentic), in any identification, returned, or public talk protection, and in the tipe of the telephone of talk letters Patentic), in any constraint in relation to come, the median has protecting, and in the displace or talk page of the pag

[M WITNESS WHEREOF, the undereigned inventor(s) has (have) although his/hor/thnir algorithms (b).

(Outs) (Typed Name & Signature of Witness(out)) פחטל פחשים ik Harid Han-rae Cho

**PATENT** 

REEL: 017756 FRAME: 0977

----



S&H Form: (2/01) DOCKET NO. 1793.1628

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:

Ki-tag JEONG, et al.

Serial No: 11/059,602

Group Art Unit: 2651

Confirmation No. 4601

Filed: February 17, 2005

Examiner: Slavitt, Mitchell R.

For:

METHOD FOR CONTROLLING MOVEMENT OF HEAD IN DATA STORAGE DEVICE

AND DISK DRIVE EMPLOYING THE METHOD

## **COMMUNICATION REGARDING ASSIGNMENT**

Commissioner for Patents PO Box 1450 Alexandria, VA 22313-1450

Sir:

Applicants are in receipt of a Notice of Allowance mailed March 22, 2006, in the subject application.

A copy of a Recordation Form Cover Sheet with an executed U.S. Assignment for the subject application as filed in the subject application on November 17, 2005 is attached hereto.

A Corrected Notice of Recordation of Assignment Document has not been received in the subject application. Accordingly, issuance of the same is respectfully requested.

Respectfully submitted,

STAAS & HALSEY LLP

Date: <u>4-3-06</u>

Michael E. Kondoudis

Registration No. 42,758

1201 New York Ave, N.W., 7th Floor

Washington, D.C. 20005 Telephone: (202) 434-1500

RECORDED: 04/03/2006

Facsimile: (202) 434-1501

PATENT REEL: 017756 FRAME: 0978