Page 2

Docket No.: SEC.1848

ORM PTQ-1595 (Modified)	RECORDATION FO	CORDATION FORM COVER SHEET U.S. DEPARTMENT				
tev. 03-01) MB Na. 0851-0027 (exp.5/31/2002) DBA/REV03	PATEN1	S ONLY	Patent and Fra	ademark Office		
Tab settings → → ▼	▼	▼ ▼	▼	▼		
To the Director of the United States Pa	atent and Trademark Of	fice: Please record the attact	hed original documents or co	py thereof.		
Name of conveying party(ies): Jae-Ik SONG		2. Name and address of				
		Name: Samsung Electr	onics Co., Ltd.			
		Address: 416, Maetan-	dong, Yeongtong-gu,			
Additional names(s) of conveying party(ies)	☐ Yes 🛛 No					
3. Nature of conveyance:			1			
⊠ Assignment □	Merger					
☐ Security Agreement ☐	Change of Name	City: Suwon-si	State/Prov.: Gyeongs	zi-do		
☐ Other		Country: Republic of N	Korea ZIP:			
Execution Date: December 28, 2007		Additional name(s) & address	s(es) LI Yes	⊠ No		
4. Application number(s) or patent numb	ers(s):					
If this document is being filed together w		the execution date of the	application is:			
Patent Application No. Filing		B. Patent No.(s				
11/842,218 August	21, 2007					
	Additional numbers	☐ Yes ☒ No				
5. Name and address of party to whom concerning document should be maile			ications and patents involv	ved: 1		
Name: STEPHEN R. WHITT		7. Total fee (37 CFR 3.4	41):\$ 40.00			
Registration No. 34,753			xcess or insufficiency sho	uld be		
Address: VOLENTINE & WHITT, P	LLC	credited or debite	ed to deposit account			
ONE FREEDOM SQUARE		☑ Authorized to be	charged to deposit accoun	ccount		
11951 FREEDOM DRIVE, SUITE 1260		8. Deposit account num	iber:			
City: RESTON Stat	te/Prov.: <u>VA</u>	50-0238				
Country: USA ZIF	P: 20190	(Attach duplicate copy o	of this page if paying by deposit a	account)		
	DO NO	T USE THIS SPACE				
Statement and signature.To the best of my knowledge and belief	ef, the foregoing infor	mation is true and correct	and any attached copy is	a true copy		
of the original document.	1.					
STEPHEN R. WHITT	Styr	Signature	January 7	, 2008		
Name of Person Signing		Signature				

Total number of pages including cover sheet, attachments, and document:

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Director of the United States Patent and Trademark Office
P.O. Box 1450, Alexandria, VA, 22313-1450

PATENT

VOLENTINE & W	HITT, P.L.L.C. (1/2007) ATTORNEY DOCKET NOSEC.1848
	ASSIGNMENT
	In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned
Insert Name(s) of	1. Jae-Ik SONG 4
Inventor(s)	2 5,
	3 6
Insert Name(s) of	the undersigned hereby sell(s) and assign(s) to
Assignee(s) &	SAMSUNG ELECTRONICS CO., LTD.
Address(es)	416, Maetan-dong, Yeongtong-gu, of Suwon-si, Gyeonggi-do, Republic of Korea
	(hereinafter designated as the Assignee) the entire right, title and interest for the United States as defined in 35 USC 100, in the invention known as
Title of Invention	HARD DISK DRIVE WITH DISK EMBEDDED DOS BOOT IMAGE AND
	FIRMWARE DOWNLOAD METHOD
Date of	for which an application for patent in the United States of America has been executed by
Signing of Application	the undersigned on December 28, 2007
	The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing, divisional or reissue applications thereof and also to execute separate assignments in connection with such applications as the Assigned may deem necessary or expedient.
	The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this application or continuing, division or reissue thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
	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.
	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.

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PATENT REEL: 020329 FRAME: 0414

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ATTORNEY DOCKET NO. ___SEC.1848

The undersigned hereby grant(s) the practitioners associated with the <u>CUSTOMER NUMBER 20987</u> 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 Office for recordation of this document.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patents of the United States resulting from said application or any division or divisions or continuing or reissue 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.

Date Off	12.28	Signature of Inventor	Jac-Ik SONG	<i>b</i>		
			Jaa-Ik Song			
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CERTIFICATE OF T	FRANSMISSION BY FACS	SIMILE (37 CFR 1.8)	Docket N	D.
Applicant(s): Jae-Ik SON			SEC.184	s
	Filing Date	Examiner	Group (rt Unit
Application No. 11/842,218	August 21, 2007	ТВА	213	
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nvention: HARD DISK	DRIVE WITH DISK EMBEDDE	ED DOS BOOT IMAGE AND	FIRMWARE DOWN	LOAD
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hereby certify that this	Recorda	tion Form Cover Sheet & Ass. (Identify type of correspondence)	lgnme <u>nt</u>	
s being facsimile transm	itted to the United States Patent		No. 571-273-0140	
on January 7, (Date)				
(Date)				
		Melanie B.	Crowley	
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RECORDED: 01/07/2008