PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
JIN HAN KIM	05/29/2014
IL JU MUN	05/29/2014
WOO HYEK CHOI	05/29/2014
YOUNG DAE KO	05/29/2014
KEON KUK	05/29/2014
MIN SOO KIM	05/29/2014

RECEIVING PARTY DATA

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State/Country:	REPUBLIC OF KOREA

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14312961

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TTORNEY DOCKET NUMBER: 2494.1028		
NAME OF SUBMITTER:	JONATHAN HERRIN	
SIGNATURE:	/Jonathan Herrin/	
DATE SIGNED:	06/25/2014	

Total Attachments: 2

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PATENT REEL: 033172 FRAME: 0359

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PATENT REEL: 033172 FRAME: 0360

Docket No.: 2494,1028

U.S. ASSIGNMENT

S&H 1/00

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 ELECTRONICS CO., LTD. 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea

transfers to ASSIGNEE the entire and exclusive right, t (Title of Invention)	by acknowledged, the undersigned ASSIGNOH nereby sells, assigns and itle and interest to the invention entitled
MAGNETIC COOLING APPARATUS	
relating to International Patent Application PCT/JP States was executed on even date herewith or, if not so	and/or for which application for Letters Patent of the United executed, was:
(a) executed on ;	(Insert date of execution of application, if not concurrent)
(b) filed on , TBA	Any registered attorney of STAAS & HALSEY LLP, 1201 New York Avenue, N.W., Suite 700 Washington, D.C. 20005 (202/434-1500)
Serial No. TBA;	is hereby authorized to insert in (b) the specified data, when known.
substitute, reissue or reexamination application based t	nited States granted on said application and any continuation, division, renewal, hereon, for the full term or terms for which the said Letters Patent(s) may be sly, hereinafter, "said application(s) and Letters Patent(s)").
to do all acts which the ASSIGNEE may deem necessan said invention, including in the preparation and prosecu interference, reissue, reexamination, or public use proc	said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, y, desirable or expedient, for securing, maintaining and enforcing protection for tion of said application(s) and the issuance of said Letters Patent(s), in any eeding, and in any litigation or other legal proceeding which may arise or be of the limited to executing all papers, including separate assignments and estimony, and obtaining and producing evidence.
IN WITNESS WHEREOF, the undersigned inventor((Typed Name & Signature of Inventor(s))	s) has (have) affixed his/her/their signature(s). (Date) (Typed Name & Signature of Witness(es))
Jin Han Kim M	ay. 29. 2014
2)	
Woodyek Choi Moo Moo Hyek CHOI	May of solf
4) <u>Ko Youndae</u> M. Young Dae K@)	ay. 29. 2014
(i) / Where M	1/1/29,2014
S) Min Soo KIM	1/1/29,2014
1 (11)	

PATENT REEL: 033172 FRAME: 0361

Dockst No.: 2434-1026

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

U.S. ASSIGNMENT

845: 000

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(a) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD. 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do Republic of Korea

ihereinalter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby selfs, assigns and transfers to ASSIGNEE the entire and exclusive right, little and interest to the invention entities (*Title of Invention)

MAGNETIC COOLING APPARATUS

relating to international Patent Application PCT/JP / an States was executed on even date herewith or, it not so executed, was:

(a) executed on ;	(Insert date of execution of application, if not concurrent)
(b) filled on , TBA Serial No. TBA:	Any registered altomey of STAAS & HALSEY Ltp. 1201 New York Avenue, N.W., Buits 700 Washington, O.C. 20005 (202/434-1500) is nereby authorized to insert in (b) the specified data, when known.
essellar indicate ar regionalization emploation base	United States granted on said application and any continuation, division, renewal, ad thereon, for the full term or terms for which the said Letters Pasem(s) may be tively, hereinafter, "said application(s) and Letters Patem(s)").
o do all acts which the ASSIGNEE may deem necess aid invention, including in the preparation and prost	
Jin Han KIM	
8)	29 May 2014
3) Woo Hyek CHOI	
N)Young Dae KO	
8)Keon KUK	
6)Min See KiM	

PATENT REEL: 033172 FRAME: 0362

RECORDED: 06/25/2014