#5385 P.002 /004

12186040	
500238	
\$40.00	

FORM PYO-1595 (Modified)	
	ON FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE
PATE	ENTS ONLY Patent and Trademark Office
To the Director of the United State	<u>_</u>
Name of conveying party(ies): Name of conveying party(ies): Trademark	ark Office: Please record the attached original documents or copy thereof.
Hoe-ju CHUNG	2. Name and address of receiving party(ies):
	Name: Samsung Electronics Co., Ltd.
	Address: 416, Maetan-dong, Yeongtong-gu
Additional names(s) of conveying party(ies)	<u></u>
3. Nature of conveyance:	
XI Appigement	
Converts A	
☐ Security Agreement ☐ Change of Nam	e City: Suwon-si State/Prov.: Gyeonggi-do
☐ Other	Country: Republic of Korea ZIP: 442-742
Execution Date: July 7, 2008	———···-———————————————————————————————
4. Application number(s) or patent numbers(s):	Additional name(s) & address(es)
If this document is being filed together with a	
If this document is being filed together with a new application Patent Application No. Filing date	on, the execution date of the application is:
3 440	B. Patent No.(s)
12/186,040 August 5, 2008	
0 4477	_
5. Name and address of party to whom correspondence	
concerning document should be mailed:	6. Total number of applications and patents involved:
Name: STEPHEN R. WHITT	
Registration No. 34,753	7. Total fee (37 CFR 3.41):\$ <u>40.00</u>
Address: VOLENTINE & WHITT, PLLC	Enclosed - Any excess or insufficiency should be
ONE FREEDOM SQUARE	credited or debited to deposit account
	Authorized to be charged to deposit account
11951 FREEDOM DRIVE, SUITE 1260	8. Deposit account number:
City: RESTON State/Prov.: _VA	50-0238
Country: U.S.A ZIP: 20190	(Attach duplicate copy of this page if paying by deposit account)
Statement and signature.	DT USE THIS SPACE
To the best of my knowledge and belief, the foregoing infor	mation is true and correct and any attached copy is a true copy
	, under its true and correct and any attached copy is a true copy
Name of Person Signing	<u> </u>
Total number of pages including an	Signature ————————————————————————————————————

umber of pages including cover sheet, attachments, and document:

Mail documents to be recorded with required cover sheet information to:

Mail Stop Assignment Recordation Services

Director of the United States Patent and Trademark Office

P.O. Box 1450, Alexandria, VA 22313-1450

漫 (区 9903R229125A189115 20080704133135

VOLENTINE & WI	HTT, P.L.L.C. (1/2007)	ATTORNEY DOCKET NO	SEC,2237
	ASSI	GNMENT	
	In consideration of the sum of O consideration paid to each of the un	ne Dollar (\$1,00) and other good and dersigned	 aluabic
Insert Name(s) of Inventor(s)	f Hoe-ju CHUNG	5	<u> </u>
1,114 CHILOT (9)	2.	6	
		7	
Insert	4. the undersigned hereby sell(s) and a	8ssign(s) to	
Name(s) of Assignee(s) &		ELECTRONICS CO., LTD. long, Yeongtong-gu,	
Address(cs)	of Suwon-si, Gye	eonggi-do, Republic of Kor	ea
Title of Invention	States as defined in 35 USC 100, in STACKED SEMICONDUCTOR ME	nee) the entire right, title and interest the invention known as MORY DEVICE WITH COMPOUND	
Date of Signing of Application		in the United States of America has be	
	The undersigned agree(s) to execute application and any continuing, div execute separate assignments in condeem necessary or expedient.	c all papers necessary in connection visional or reissue applications thereof meetion with such applications as the eall papers necessary in connection w	ith this and also to Assignce may
	interference which may be declared	l concerning this application or continue the Assignee in every way possible	uing, division or
		e all papers and documents and perfor th claims or provisions of the Internati y or similar agreements.	
	The undersigned agree(s) to perform a grant of a valid United States pare	m all affirmative acts which may be not to the Assignee.	cessary to obtain
	any and all Letters Patents of the U division or divisions or continuing Assignee of the entire interest, and	s) and request(s) the Commissioner of nited States resulting from said applies or reissue applications thereof to the schereby covenants that he has (they have) not conflict herewith.	ation or any aid Assignee, as we) full right to

Page I of 2

PA 12 2014031215145988

VOLENTINE & WHITT, P.L.L.C. (1/2007)

ATTORNEY DOCKET NO.

SEC.2237

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

The undersigned hereby grant(s) the practitioners associated with the **CUSTOMER NUMBER 20987** the power to insert on this assignment any further identification which may be necessary of 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	July 7th, 2-08	Signature of Inventor	Hoeju	Chun	g	_
		Signature of Inventor	_			_
Date	- · · · - · -	Signature of Inventor				_
Date		Signature of Inventor	<u> </u>	·		,
Date	·	Signature of Inventor	· 	···		
Date .		Signature of Inventor				
Date]	<u> </u>	Signature of Inventor		7.E. F.		
Date _		Signature of Inventor	<u>_</u>	_		
·	A TOTAL CONTRACT OF SECULAR CAND	sing: It is recommended the witnesses who sign here. It fice is to record an Assignr	lowovae tha -			
	Witness					
	Witness	<u> </u>				

Applicant Reference No. SS-32187-US

Page 2 of 2

DESGG03822Q1254169115 20080704183135

REEL: 02135

RECORDED: 08/06/2008