

FORM PTO-1619A

Expires 06/30/99
OMB 0651-0027U.S. Department of Commerce
Patent and Trademark Office**PATENT****RECORDATION FORM COVER SHEET
PATENTS ONLY****TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).****Submission Type**☐ New☒ Resubmission (Non-Recordation)

Document ID# 700489100

☐ Correction of PTO Error

Reel # Frame #

☐ Corrective Document

Reel # 027989 Frame # 0903

Conveyance Type☐ Assignment☐ Security Agreement☐ License☐ Change of Name☐ Merger☒ Other Missing 1st Assignee**U.S. Government**

(For Use ONLY by U.S. Government Agencies)

☐ Departmental File☐ Secret File**Conveying Party(ies)**☐ Mark if additional names of conveying parties attached

Name (line 1) Keith Lao

Execution Date
Month Day Year
04-02-2012

Name (line 2)

Second PartyExecution Date
Month Day Year

Name (line 1)

Name (line 2)

Receiving Party☒ Mark if additional names of receiving parties attached

Name (line 1) Samsung Austin Semiconductor L.P.

Name (line 2)

Address (line 1) 12100 Samsung Blvd

Address (line 2)

Address (line 3) Austin

Texas

78754

City

State/Country

Zip Code

☐ If document to be recorded
is an assignment and the
receiving party is not
domiciled in the United
States, an appointment
of a domestic
representative is attached.
(Designation must be a
separate document from
Assignment.)**Domestic Representative Name and Address**

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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Mail documents to be recorded with required cover sheet(s) Information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

700492318

PATENT
REEL: 028864 FRAME: 0565

CH \$40.00 500208 13439087

FORM PTO-1619B
Expires 06/30/99
OMB 0651-0027

Page 2

U.S. Department of Commerce
Patent and Trademark Office
PATENT**Correspondent Name and Address**

Area Code and Telephone Number (972) 628-3600

Name Docket Clerk

Address (line 1)

Address (line 2) P.O. Drawer 800889

Address (line 3) Dallas, Texas 75380

Address (line 4)

PagesEnter the total number of pages of the attached conveyance document
including any attachments.

#

Application Number(s) or Patent Number(s)☐ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

13/439,087

Patent Number(s)If this document is being filed together with a new Patent Application, enter the date the patent application was
signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties

Enter the total number of properties involved.

#

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment:
Deposit AccountEnclosed ☐Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

50-0208

Authorization to charge additional fees:

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No

**Statement and Signature***To the best of my knowledge and belief, the foregoing information is true and correct and any
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indicated herein.*

William A. Munck

Name of Person Signing



Signature

August 29 2012

Date

PATENT

REEL: 028864 FRAME: 0566

Continued from Item #2 above

NAME: Samsung Electronics Co., Ltd.

Address: 129, Samsung-ro, Yeongtong-gu
Suwon-si, Gyeonggi-do
Korea 443-742
KOREA

TO:DOCKET CLERK COMPANY:P.O. BOX 800889

JUL. 6. 2012 5:54PM


NO. 5769 P. 10

Form PTO-1595 (Rev. 02-11)
OMB No. 0851-0027 (exp. 03/31/2012)

07/06/2012

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark OfficeRECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies) Keith Lao Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies) Name: Samsung Austin Semiconductor, L.P. Internal Address: 12100 Samsung Blvd. Street Address: _____ City: Austin State: Texas Country: U.S. Zip: 78754 Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
3. Nature of conveyance/Execution Date(s): Execution Date(s): April 2, 2012 <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other		4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) 13/435,087 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No	
5. Name and address to whom correspondence concerning document should be mailed: Name: Docket Clerk Internal Address: P.O. Drawer 800889 Street Address: _____ City: Dallas State: Texas Zip: 75380 Phone Number: 972-628-3600 Fax Number: 972-628-3616 Email Address: _____		6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00 <input checked="" type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)	
9. Signature:  Signature William A. Munch Name of Person Signing		8. Payment Information Deposit Account Number 50-0206 Authorized User Name _____ Date July 6, 2012 Total number of pages including cover sheet, attachments, and documents: 10	

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, VA 22314-1450

CH \$40.00 500208 13439087

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NO. 5769 P. 11

Continued from Item #2 above

NAME: Samsung Electronics Co., Ltd.

Address: 129, Samsung-ro, Yeongtong-gu
Suwon-si, Gyeonggi-do
Korea 443-742
KOREA

TO:DOCKET CLERK COMPANY:P.O. BOX 800889

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NO. 5769 P. 6

DOCKET NO. SP-2011-004

Patent

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned does hereby:

SELL, ASSIGN AND TRANSFER to SAMSUNG AUSTIN SEMICONDUCTOR, L.P., a limited partnership of Texas having a place of business at 12100 Samsung Blvd., Austin, Texas 78754, and to SAMSUNG ELECTRONICS CO., LTD., a corporation of Korea having a place of business at 129, Samsung-ro, Yeongtong-gu, Suwon-si, Gyeonggi-do, Korea 443-742 (the "Co-Assignees"), the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letter Patent filed with the United States Patent and Trademark Office, submitted concurrently herewith and entitled "MULTI-LEVEL STACK HAVING MULTI-LEVEL CONTACT AND METHOD" such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Co-Assignees;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Co-Assignees, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Co-Assignees all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Co-Assignees shall consider desirable for vesting title to such improvements in the Co-Assignees, and for securing, maintaining and enforcing proper patent protection for such improvements.

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Co-Assignees.

Document: SAMS04-00014

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NOTARY PUBLIC STATE OF TEXAS

NO. 5769 P. 7

IN WITNESS WHEREOF, I/we have hereunto set our hands and seals this 24
day of April, 2012.

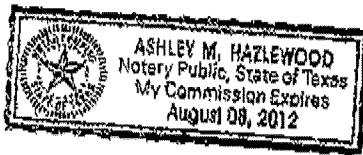
Keith Lao
Keith Lao

STATE OF TEXAS

§
§
§

COUNTY OF TRAVIS

On this 2 day of April, 2012, before me, a Notary Public in and for the State and County aforesaid, personally appeared Keith Lao, known to me to be the person named above who signed and sealed the foregoing instrument, and acknowledged the same to be his/her own free act and deed.



Ashley M. Hazlewood
Notary Public, State of Texas

My Commission Expires:

08/08/2012

Document: SAMS04-00014