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FORM PTO-1594
(Rev. 6-93)



103044898

U.S. DEPARTMENT
OF COMMERCE

Patent and
Trademark Office

Atty Docket #:
ONS00702

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying part(ies):
Senpeng Sheng
Juan Carlos Pastrana

Additional name(s) of conveying party(ies) is provided on attached sheet.

2. Name and address of receiving party(ies):
SEMICONDUCTOR COMPONENTS INDUSTRIES, L.L.C. of
5005 East McDowell Road, Phoenix, AZ 85008



3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution date of conveyance: **July 11, 2005**

Additional name(s) & address(es) attached? Yes No

4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is: **July 11, 2005**

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **SEMICONDUCTOR COMPONENTS INDUSTRIES, L.L.C.**
Internal Address: Patent Administration - A700
Street Address: P. O. Box 62890
City, State, Zip: Phoenix, Arizona 85082-2890

6. Total number of applications and patents involved:
7. Total fee (37 C.F.R. 3.41).....**\$40.00**
 Enclosed
 Authorized to be charged to deposit account
8. Deposit account number: **501086**

DO NOT USE THIS SPACE

9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Kevin B. Jackson 38,502 July 12, 2005
Name of Person Signing Reg. No. Signature Date

Total number of pages including cover sheet, attachments, and document: **3**

OMB No. 0651-0011 (exp. 4/94)

07/20/2005 GT0N11 00000142 501086 11181332

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PATENT
REEL: 016779 FRAME: 0349

ASSIGNMENT & AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we,

<u>Name</u>	<u>of (City/State/Country)</u>
Senpeng Sheng	Chandler, ARIZONA, USA;
Juan Carlos Pastrana	Chandler, ARIZONA, USA;

have sold, assigned, and transferred, and do hereby sell, assign, and transfer unto Semiconductor Components Industries, LLC (SCI), a limited liability Company of the State of Delaware, having its principal office in Phoenix, State of Arizona, United States of America, and its successors, assigns, and legal representatives, the entire right, title, and interest in and to certain inventions relating to improvements in

**SINGLE PIN MULTI-FUNCTION SIGNAL DETECTION METHOD AND STRUCTURE THEREFOR
(Attorney Docket No. ONS00702),**

described, illustrated, and claimed in an application for Letters Patent of the United States of America executed by us, together with the entire right, title and interest in and to the application, and in and to Letters Patent which may be issued upon the application, and upon any division, extension, continuation, or reissue thereof.

We hereby also sell, assign, and transfer unto SCI, the entire right, title, and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the inventions and the applications for Letters Patent in foreign countries, and we further authorize SCI to apply for Letters Patent in foreign countries directly in its own name, and to claim the priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation, or reissue, to SCI, for the sole use and behalf of SCI, its successors, assigns, and legal representatives, to the full end of the term for which the Letters Patent may be granted, the same as they would have been held and enjoyed by us had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to SCI.

We agree that, when requested, we will, without charge to SCI, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable, or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in SCI, its successors, assigns, and legal representatives or nominees.

We covenant with SCI, its successors, assigns, and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license, or other encumbrance.

Senpeng Sheng
Senpeng Sheng

Juan Carlos Pastrana
Juan Carlos Pastrana

STATE OF ARIZONA)
SS.:
COUNTY OF MARICOPA)

I, Yobanna Z. Ortiz, a Notary Public in and for the County and State aforesaid, do hereby certify that **Senpeng Sheng and Juan Carlos Pastrana** whose name(s) are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they/he/she signed, sealed and delivered the instrument as their/his/her free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 11th day of July, 2005.

Yobanna Z. Ortiz
My commission expires on: 10-10-2006

