

10-29-2004

FORM PTO-1594  
(Rev. 6-93)



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Atty Docket #:  
**ONS00547**

102871103

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

1. Name of conveying part(ies):  
**Abdesselam Bayadroun** *10-20-04*  
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 85018**

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

Execution date of conveyance: **October 11, 2004**

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: **October 11, 2004**

A. Patent Application No.(s):  
Additional numbers attached?  Yes  No

B. Patent No.(s):

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**

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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 *Kevin B. Jackson* October 14, 2004  
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)

**ASSIGNMENT & AGREEMENT**

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

Name Abdesselam Bayadroun of (City/State/Country)  
TOURNEFEUILLE, FRANCE;

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 for the United States of America in and to certain inventions relating to improvements in **HIGH ACCURACY ZERO CROSSING DETECTOR AND METHOD THEREFOR (Attorney Docket No. ONS00547)**, described, illustrated, and claimed in an application for International Patent of the Patent Cooperation Treaty 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.

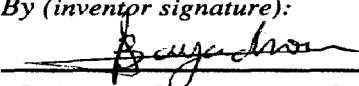
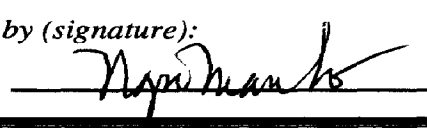
I hereby also sell, assign, and transfer unto SCI, the entire right, title, and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the inventions and the applications for Letters Patent in foreign countries, and I 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.

I 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 me had this assignment not been made, and I hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to SCI.

I agree that, when requested, I 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.

I 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.

<i>Signed and Witnessed on (date):</i> <u>11 October 2004</u>	<i>By (inventor signature):</i>  <b>Abdesselam Bayadroun</b>
<i>Witness by (signature):</i> 	<i>Printed Name of Witness:</i> <u>QUANG X NGUYEN</u>