

12/20/04

PCT/US 04/43077
DT03 Rec'd PCT/PTO 20 DEC 2004FORM PTO-1594
(Rev. 5-93)

01-12-2005

U.S. DEPARTMENT
OF COMMERCEAtty Docket #:
ONS00619F2Patent and
Trademark Office

102918691

To the Honorable Commissioner of Patents and Trademarks

or copy thereof.

1. Name of conveying party(ies):

**Francis J. Carney
Michael J. Seddon
Kent L. Kime
Dluong Ngan Leong
Yeu Wen Lee**

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:**December 14, 2004; December 9,
2004; December 9, 2004;
December 10, 2004; and December
10, 2004; respectively.**

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:

**December 14, 2004; December 9,
2004; December 9, 2004;
December 10, 2004; and
December 10, 2004; respectively.**

A. Patent Application No.(s):

01/04/2005 LLANDGRA 00000068 501086 PCT/US04/43077
01 10:021 40.00 DA

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 account8. 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

Name of Person Signing

Reg. No.

Signature

Date

Total number of pages including cover sheet, attachments, and document: **6**

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

PATENT
REEL: 016132 FRAME: 0911

ASSIGNMENT AND AGREEMENT

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

Name	of (City/State/Country)
Francis J. Carney	Gilbert, Arizona, USA;
Michael J. Seddon	GILBERT, ARIZONA, USA;
Kent L. Kime	Phoenix, 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 for the United States of America in and to certain inventions relating to improvements in **SEMICONDUCTOR PACKAGE STRUCTURE HAVING ENHANCED THERMAL DISSIPATION (Attorney Docket No. ONS00619F2)**, described, illustrated, and claimed in an application for Letters Patent filed in the United States under 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.

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 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.

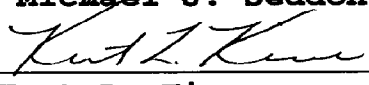
We hereby authorize and request the Commissioner of Patents and Trademarks of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation, or reissue, to SCI, for the sole use and behalf of SCI, its successors, assigns, and legal representatives, 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.


Francis J. Carney


Michael J. Seddon



Kent L. Kime

STATE OF ARIZONA)
 ss.:
COUNTY OF MARICOPA)

I, Lydia McNamara, a Notary Public in and for the County and State aforesaid, do hereby certify that Michael J. Seddon, & Kent L. Kime 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 9th day of December, 2004.


My commission expires on: July 30, 2006

 Notary Public State of Arizona
Maricopa County
Lydia McNamara
Expires July 30 2006

STATE OF ARIZONA)
 ss.:
COUNTY OF MARICOPA)

I, Lydia McNamara, a Notary Public in and for the County and State
aforesaid, do hereby certify that

Francis J. Carney

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 14th day of
December, 2004.

Lydia McNamara

My commission expires on: July 30, 2006



Notary Public State of Arizona
Maricopa County
Lydia McNamara
Expires July 30 2006

ASSIGNMENT AND AGREEMENT

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

Name	of (City/State/Country)
Dluong Ngan Leong	Seremban, MALAYSIA,
Yeu Wen Lee	Seremban, MALAYSIA

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 **SEMICONDUCTOR PACKAGE STRUCTURE HAVING ENHANCED THERMAL DISSIPATION (Attorney Docket No. ONS00619F2)**, described, illustrated, and claimed in an application for Letters Patent filed in the United States under 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.

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 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.

Signed and Witnessed on (date):

10 DEC 2004

By (inventor signature):



Dluong Ngan Leong

Witness by (signature):




Printed Name of Witness:

CHIN WEE YONG

Signed and Witnessed on (date):

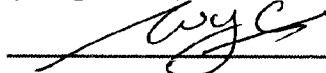
10 DEC 2004

By (inventor signature):



Yeu Wen Lee

Witness by (signature):



Printed Name of Witness:

CHIN WEE YONG