Form PTO-1595 (Rev. 06/04) OMB No. 0651-0027 (exp. 6/30/2005)	11	
Docket No. SC14431ZK (038.0226)	10	
To the Director of the U.S. Pa	tent and Trad	
1. Name of conveying party(ies)/Execution Pierre-Marie J. Piel Paul R. Hart Jeffrey K. Jones Execution Date(s): October 28, 2005 Additional name(s) of conveying party(ies)		
3. Nature of conveyance:		
X Assignment	Merger	
Security Agreement	Change	
Government Interest Assign	ment	

Signature:

Mark A. Kupanoff Registration No.: 55,349

11-04-2005



103113797

Name of Person Signing

DEPARTMENT OF COMMERCE 1 States Patent and Trademark Office

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

Additional name(s) & address(es) attached? Yes No  4. Application or patent number(s): A. Patent Application No.(s)  Additional numbers attached? Yes No  5. Name and address to whom correspondence concerning document should be mailed:  Customer No. 50996  Name: Mark A. Kupanoff Ingrassia Fisher & Lorenz, P.C. Internal Address:  Street Address: 7150 E. Camelback Rd., Ste. 325  City: Scottsdale State: AZ  Zip: 85251  Phone Number: (480) 385-5060  Fax Number: (480) 385-5061  Email Address: vingrassia@ifflaw.com  Additional name(s) & address(es) attached? Yes No  Atthorized together with a new application.  B. Patent No.(s)  6. Total number of applications and patents involved:  1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  X Enclosed  None required (government interest not affecting title)  8. Payment Information  a. Credit Card Last 4 Numbers  Expiration Date  b. Deposit Account Number 50-2091  Authorized User Name	1. Name of conveying party(ies)/Execution Date(s): Pierre-Marie J. Piel Paul R. Hart Jeffrey K. Jones Execution Date(s): October 28, 2005 Additional name(s) of conveying party(ies)  3. Nature of conveyance:  X Assignment Merger  Security Agreement Change of Name  Government Interest Assignment  Executive Order 9424, Confirmatory License  Other	2. Name and address of receiving party(ies)  Name: Freescale Semiconductor, Inc.  Internal Address:  Street Address: 6501 Williams Cannon Drive West  City: Austin  State: TX  Country: United States  Zip:78735	
Additional numbers attached? Yes No  Additional numbers attached? Yes No  5. Name and address to whom correspondence concerning document should be mailed:  Customer No. 50996  Name: Mark A. Kupanoff Ingrassia Fisher & Lorenz, P.C. Internal Address:  Street Address: 7150 E. Camelback Rd., Ste. 325  City: Scottsdale Strate: AZ Phone Number: (480) 385-5060  Fax Number: (480) 385-5061  Email Address: vingrassia@ifflaw.com  Additional numbers attached? Yes No  6. Total number of applications and patents involved: 1  7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00  Authorized to be charged by credit card  Authorized to be charged to deposit account  X Enclosed  None required (government interest not affecting title)  8. Payment Information  a. Credit Card Last 4 Numbers Expiration Date  b. Deposit Account Number 50-2091		Additional name(s) & address(es) attached?	
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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

SC14431ZK (038.0226

Total number of pages including cover

sheet, attachments, and documents:

Date

5

**PATENT** 

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Pierre-Marie J. Piel, Tempe, ARIZONA; Paul R. Hart, Tempe, ARIZONA; Jeffrey K. Jones, Tempe, ARIZONA, have sold, assigned and transferred, and do hereby sell, assign and transfer, unto FREESCALE SEMICONDUCTOR, INC., a corporation having its principal office in Austin, State of Texas, 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 <a href="ELECTRONIC">ELECTRONIC</a>
ASSEMBLY HAVING GRADED WIRE BONDING (Docket No. SC14431ZK), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us on the dates indicated by our signatures below, 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 FREESCALE SEMICONDUCTOR, INC., 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 invention and the applications for Letters Patent in foreign countries, and we further authorize FREESCALE SEMICONDUCTOR, INC. to apply for Letters Patent in foreign countries directly in its own name, and to claim 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 of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation or reissue, to FREESCALE SEMICONDUCTOR, INC., for the sole use and benefit of FREESCALE SEMICONDUCTOR, INC., its successors, assigns and legal representatives, to the full end of the term for which 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

PATENT REEL: 017166 FRAME: 0690 and request the equivalent authorities in foreign countries to issue the patents of their respective countries to FREESCALE SEMICONDUCTOR, INC.

We agree that, when requested, we will, without charge to FREESCALE SEMICONDUCTOR, INC., 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 FREESCALE SEMICONDUCTOR, INC., its successors, assigns and legal representatives or nominees.

We covenant with FREESCALE SEMICONDUCTOR, INC., 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.

Pierre-Marie J. Piel

STATE OF ARIZONA

)ss

COUNTY OF MARICOPA

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Pierre-Marie J. Piel, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this <u>28</u> day of <u>0+0b-r</u>, 2005.

My commission expires:



President Signature

DATE: October 28, 2005

Printed Name of Notary Public

PATENT REEL: 017166 FRAME: 0691

DATE: 16/28/2005

STATE OF ARIZONA

**COUNTY OF MARICOPA** 

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Paul R. Hart, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 38 day of October 2005.

My commission expires:



REEL: 017166 FRAME: 0692

Jeffrey/K. Johes

DATE: 10/28/2005

STATE OF ARIZONA

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COUNTY OF MARICOPA

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Jeffrey K. Jones, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this <u>S</u> day of <u>October</u>, 2005.

My commission expires:

R. MCELROY-SINGLETERRY
NOTARY PUBLIC-ARIZONA
MARICOPA COUNTY
My Comm. Expires July 2, 2007

Notary Public Signature

Printed Name of Notary Public

PATENT REEL: 017166 FRAME: 0693