

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

DOCKET NUMBER:

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

## 1. Name of conveying party(ies):

Iyad Alhayek 11/18/05  
Gerry Bianco 11/18/05  
Juergen Broszeit 11/23/05  
Gregory R. Gayowsky 11/18/05  
Ilko Schmadlak 11/21/05  
George Sotiropoulos 11/18/05

Additional name(s) of conveying party(ies) attached?  Yes  No

## 2. Name and address of receiving party(ies)

Name: Motorola, Inc.Internal Address: Law Department  
IL01 - 3<sup>rd</sup> FloorStreet Address: 1303 E. Algonquin RoadCity: Schaumburg State: IL Zip: 60196Additional name(s) & address(es) attached?  Yes  No

## 3. Name of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: November 18, 21 and 23, 2005

## 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 September 26, 2005.

## A. Patent Application No.(s)

11/234,937 filed September 26, 2005

## B. Patent No.(s)

Additional numbers attached?  Yes  No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: MOTOROLA, INC.Internal Address:  
\_\_\_\_\_

Street Address:

1303 East Algonquin Road, IL01/3<sup>rd</sup> FloorCity: SchaumburgState: IL Zip: 601966. Total number of applications and patents involved: 7. Total fee (37 CFR 3.41) \$40.00 Enclosed Authorized to be charged to deposit account8. Deposit account number: 502117, MOTOROLA, INC.

(Attach duplicate copy of this page if paying by deposit account.)

**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.

Terri S. Hughes

Name of Person Signing

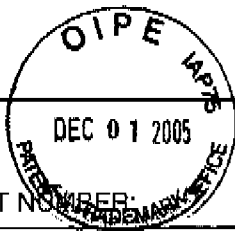

  
Signature

April 5, 2006

Date

Total number of pages including cover sheet, attachments, and documents:

Mail documents to be recorded with required cover sheet information to:  
Mail Stop Patent Application, Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450



12/1/05

12-08-2005



D/#

103133112

DOCKET NUMBER:

To the Honorable Commissioner of Patents and Trademark Service, please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
 Iyad Alhayek 11/18/05  
 Gerry Bianco 11/18/05  
 Juergen Broszeit 11/23/05  
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 George Sotiropoulos 11/18/05

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Internal Address: Law Department  
 IL01 - 3<sup>rd</sup> Floor

Street Address: 1303 E. Algonquin Road

City: Schaumburg State: IL Zip: 60196

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Assignment  Merger

Security Agreement  Change of Name

Other

Execution Date: November 18, 21 and 23, 2005

4. Application number(s) or patent number(s):  
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A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached?  Yes  No

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Internal Address:

Street Address:  
1303 East Algonquin Road, IL01/3<sup>rd</sup> Floor

City: Schaumburg

State: IL Zip: 60196

6. Total number of applications and patents involved:

7. Total fee (37 CFR 3.41) \$40.00

Enclosed

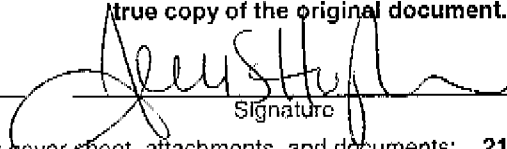
Authorized to be charged to deposit account

8. Deposit account number: 502117, MOTOROLA, INC.

(Attach duplicate copy of this page if paying by deposit account.)

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.

Terri S. Hughes  November 29, 2005

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 21

Mail documents to be recorded with required cover sheet information to:  
 Mail Stop Patent Application, Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450

12/07/2005 DBYRNE 00000097 502117 HUGHES T  
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IS02081AP

PATENT

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **IYAD ALHAYEK, SCHAUMBURG, IL; GERRY BIANCO, ELGIN, IL; JUERGEN BROSZEIT, NEUBIBERG, BAYERN; GREGORY R. GAYOWSKY, BARRINGTON, IL; ILKO SCHMADLAK, FELDKIRCHEN, BAYERN; and GEORGE SOTIROPOULOS, DES PLAINES, IL;** have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **MOTOROLA, INC.**, a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, 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 **INTEGRATED CIRCUIT MOUNTING FOR THERMAL STRESS RELIEF USEABLE IN A MULTI-CHIP MODULE** (Docket No. **IS02081AP**), 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 **MOTOROLA, 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 **MOTOROLA, 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 **MOTOROLA, INC.**, for the sole use and benefit of **MOTOROLA, 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 me had this

IS02081AP

1

**PATENT**  
**REEL: 017442 FRAME: 0669**

IS02081AP

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 MOTOROLA, INC.

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

We covenant with MOTOROLA, 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.

[Signature]  
Lyad Alhayek

DATE: 11-18-2005

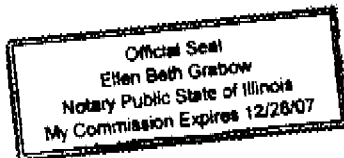
STATE OF IL  
COUNTY OF Lake

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Lyad Alhayek 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 18<sup>th</sup> day of November, 2005.

My commission expires: 12/28/07

[Signature]  
Notary Public Signature  
Ellen Beth Grabow  
Printed Name of Notary Public



IS02081AP

Gerry Bianco  
Gerry Bianco

DATE: 11/18/05

STATE OF IL

COUNTY OF Lake

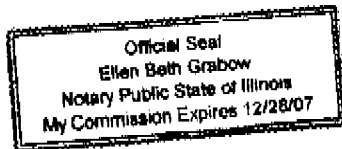
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Gerry Bianco whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act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

Given under my hand and notarial seal this 18<sup>th</sup> day of November, 2005.

My commission expires: 12/28/07

Ellen Beth Grabow  
Notary Public Signature

Ellen Beth Grabow  
Printed Name of Notary Public



IS02081AP

\_\_\_\_\_  
Juergen Broszeit

DATE: \_\_\_\_\_

\_\_\_\_\_  
WITNESS SIGNATURE

DATE: \_\_\_\_\_

\_\_\_\_\_  
WITNESS PRINTED NAME

\_\_\_\_\_  
WITNESS SIGNATURE

DATE: \_\_\_\_\_

\_\_\_\_\_  
WITNESS PRINTED NAME

IS02081AP

Gregory R. Gayowsky  
Gregory R. Gayowsky

DATE: Nov 16<sup>th</sup> 2005

STATE OF IL IL

COUNTY OF Lake

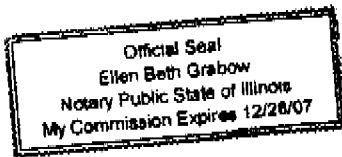
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Gregory R. Gayowsky whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 16<sup>th</sup> day of November, 2005.

My commission expires: 12/28/07

Ellen Beth Grabow  
Notary Public Signature

Ellen Beth Grabow  
Printed Name of Notary Public



IS02081AP

\_\_\_\_\_  
Ilko Schmadlak

DATE: \_\_\_\_\_

\_\_\_\_\_  
WITNESS SIGNATURE

DATE: \_\_\_\_\_

\_\_\_\_\_  
WITNESS PRINTED NAME

\_\_\_\_\_  
WITNESS SIGNATURE

DATE: \_\_\_\_\_

\_\_\_\_\_  
WITNESS PRINTED NAME



IS02081AP

G. Sotiropoulos  
George Sotiropoulos

DATE: 11/18/05

STATE OF IL

COUNTY OF Lake

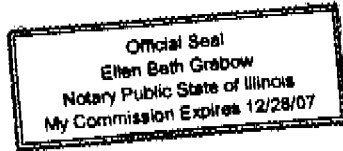
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that George Sotiropoulos whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 18<sup>th</sup> day of November 2005.

My commission expires: 12/28/07

Ellen Beth Grabow  
Notary Public Signature

Ellen Beth Grabow  
Printed Name of Notary Public



IS02081AP

PATENT

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **IYAD ALHAYEK, SCHAUMBURG, IL; GERRY BIANCO, ELGIN, IL; JUERGEN BROSZEIT, NEUBIBERG, BAYERN; GREGORY R. GAYOWSKY, BARRINGTON, IL; ILKO SCHMADLAK, FELDKIRCHEN, BAYERN;** and **GEORGE SOTIROPOULOS, DES PLAINES, IL;** have sold, assigned and transferred, and do hereby sell, assign and transfer, unto **MOTOROLA, INC.**, a corporation of the State of Delaware, having its principal office in Schaumburg, State of Illinois, 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 **INTEGRATED CIRCUIT MOUNTING FOR THERMAL STRESS RELIEF USEABLE IN A MULTI-CHIP MODULE** (Docket No. **IS02081AP**), 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 **MOTOROLA, 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 **MOTOROLA, 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 **MOTOROLA, INC.**, for the sole use and benefit of **MOTOROLA, 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 me had this

IS02081AP

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PATENT  
REEL: 017442 FRAME: 0676

IS02081AP

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 MOTOROLA, INC.

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

We covenant with MOTOROLA, 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.

\_\_\_\_\_  
Iyad Alhayek  
DATE: \_\_\_\_\_  
STATE OF IL  
COUNTY OF \_\_\_\_\_

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Iyad Alhayek 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 \_\_\_\_\_ day of \_\_\_\_\_, 2005.

My commission expires:

\_\_\_\_\_  
Notary Public Signature

\_\_\_\_\_  
Printed Name of Notary Public

IS02081AP

\_\_\_\_\_  
Gerry Bianco

DATE: \_\_\_\_\_

STATE OF IL

COUNTY OF \_\_\_\_\_

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Gerry Bianco 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 \_\_\_\_\_ day of \_\_\_\_\_, 2005.

My commission expires:

\_\_\_\_\_  
Notary Public Signature

\_\_\_\_\_  
Printed Name of Notary Public

IS02081AP

J. Broszeit  
Jergen Broszeit

DATE: 23-NOV-2005

M. Bender  
WITNESS SIGNATURE

DATE: 11-23-2005

Markus Bender  
WITNESS PRINTED NAME

[Signature]  
WITNESS SIGNATURE

DATE: 11-23-2005

FLAVIO ESTE  
WITNESS PRINTED NAME

IS02081AP

\_\_\_\_\_  
Gregory R. Gayowsky

DATE: \_\_\_\_\_

STATE OF IL \_\_\_\_\_

COUNTY OF \_\_\_\_\_

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Gregory R. Gayowsky whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and deliveed 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 \_\_\_\_\_ day of \_\_\_\_\_, 2005.

My commission expires:

\_\_\_\_\_  
Notary Public Signature

\_\_\_\_\_  
Printed Name of Notary Public

IS02081AP

Ilko Schmadlak

DATE:

WITNESS SIGNATURE

DATE:

WITNESS PRINTED NAME

WITNESS SIGNATURE

DATE:

WITNESS PRINTED NAME

IS02081AP

6

IS02081AP

\_\_\_\_\_  
George Sotiropoulos

DATE: \_\_\_\_\_

STATE OF IL

COUNTY OF \_\_\_\_\_

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that George Sotiropoulos 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.

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IS02081AP

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\_\_\_\_\_  
iyad Alhayek

DATE: \_\_\_\_\_

STATE OF IL

COUNTY OF \_\_\_\_\_

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My commission expires:

\_\_\_\_\_  
Notary Public Signature

\_\_\_\_\_  
Printed Name of Notary Public

IS02081AP

\_\_\_\_\_  
Gerry Bianco

DATE: \_\_\_\_\_

STATE OF IL

COUNTY OF \_\_\_\_\_

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\_\_\_\_\_  
Notary Public Signature

\_\_\_\_\_  
Printed Name of Notary Public

IS02081AP

\_\_\_\_\_  
Juergen Broszeit

DATE: \_\_\_\_\_

\_\_\_\_\_  
WITNESS SIGNATURE

DATE: \_\_\_\_\_

\_\_\_\_\_  
WITNESS PRINTED NAME

\_\_\_\_\_  
WITNESS SIGNATURE

DATE: \_\_\_\_\_

\_\_\_\_\_  
WITNESS PRINTED NAME



IS02081AP

Ilko Schmadlak  
Ilko Schmadlak

DATE: 21.11.05

Perrin  
WITNESS SIGNATURE

DATE: 21-11-05

Philip Perrin  
WITNESS PRINTED NAME

ASchmadlak  
WITNESS SIGNATURE

DATE: 21/11/05

ALISON SCHMADLAK  
WITNESS PRINTED NAME

