

**PATENT ASSIGNMENT**

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SHANTHI E. THOMAS	07/29/2009
MICHAEL W. BRIGHT	07/30/2009
CHRIS A. KRUEGEL	07/29/2009
ANTHONY R. METKE	07/29/2009
SCOTT J. PAPPAS	07/29/2009
THOMAS J. SENESE	07/29/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	MOTOROLA, INC.
<b>Street Address:</b>	1303 E. ALGONQUIN ROAD
<b>Internal Address:</b>	LAW DEPARTMENT
<b>City:</b>	SCHAUMBURG
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	60196
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	12511731
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(847)576-3750
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
<b>Phone:</b>	847-576-5217
<b>Email:</b>	Docketing.US@motorola.com
<b>Correspondent Name:</b>	MOTOROLA, INC.
<b>Address Line 1:</b>	1303 EAST ALGONQUIN ROAD
<b>Address Line 2:</b>	IL01/3RD
<b>Address Line 4:</b>	SCHAUMBURG, ILLINOIS 60196
<b>ATTORNEY DOCKET NUMBER:</b>	CM12306

CH \$40.00 12511731

**500952466**

**PATENT**  
**REEL: 023181 FRAME: 0819**

NAME OF SUBMITTER:

VALERIE M. DAVIS

**Total Attachments: 7**

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## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **SHANTHI E. THOMAS, CARPENTERSVILLE, IL; MICHAEL W. BRIGHT, ARLINGTON HEIGHTS, IL; CHRIS A. KRUEGEL, PLAINFIELD, IL; ANTHONY R. METKE, NAPERVILLE, IL; SCOTT J. PAPPAS, LAKE ZURICH, IL AND THOMAS J. SENESE, SCHAUMBURG, 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 **METHODS AND DEVICE FOR SECURE TRANSFER OF SYMMETRIC ENCRYPTION KEYS, filed on July 29, 2009 as Serial Number 12/511,731** (Docket No **CM12306**), 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 assignment

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.

Shanthi E. Thomas  
SHANTHI E. THOMAS

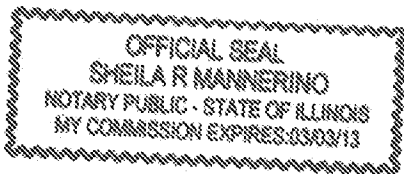
DATE: 07/29/2009

STATE OF IL  
COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that SHANTHI E. THOMAS 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 29th day of July, 2009.

My commission expires:



Sheila R. Mannerino  
Notary Public Signature  
SHEILA R. MANNERINO  
Printed Name of Notary Public

Michael W. Bright  
MICHAEL W. BRIGHT

DATE: 7/30/09

STATE OF IL

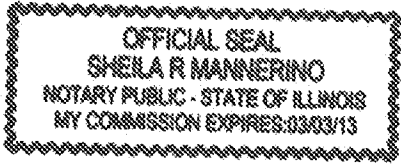
COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that MICHAEL W. BRIGHT 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 30<sup>th</sup> day of July, 2009.

My commission expires:

Sheila R. Mannerino  
Notary Public Signature  
SHEILA R. MANNERINO  
Printed Name of Notary Public



Chris A. Kruegel  
CHRIS A. KRUEGEL

DATE: 7-29-09

STATE OF IL.

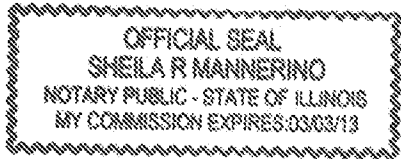
COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that CHRIS A. KRUEGEL 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 29<sup>th</sup> day of July, 2009.

My commission expires:

Sheila K. Mannerino  
Notary Public Signature  
SHEILA K. MANNERINO  
Printed Name of Notary Public



*Anthony R. Metke*  
ANTHONY R. METKE

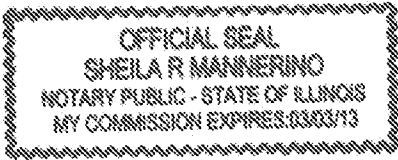
DATE: 7/29/09

STATE OF IL  
COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that ANTHONY R. METKE 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 29<sup>th</sup> day of July, 2009.

My commission expires:



*Sheila R. Mannerino*

Notary Public Signature

SHEILA R. MANNERINO

Printed Name of Notary Public

Scott J. Pappas  
SCOTT J. PAPPAS

DATE: 7/29/09

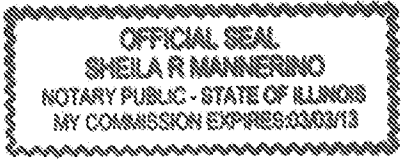
STATE OF IL

COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that SCOTT J. PAPPAS 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 27<sup>th</sup> day of July, 2009.

My commission expires:



Sheila R. Mannerino  
Notary Public Signature  
SHEILA R. MANNERINO  
Printed Name of Notary Public



Thomas J. Senese  
THOMAS J. SENESE

DATE: 7/29/09

STATE OF IL

COUNTY OF COOK

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that THOMAS J. SENESE 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 29<sup>th</sup> day of July, 2009.

My commission expires:

Sheila R. Mannerino  
Notary Public Signature

SHEILA R. MANNERINO  
Printed Name of Notary Public

