

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Hong Zhao</td><td>09/19/2011</td></tr><tr><td>Dennis J Budnick</td><td>09/19/2011</td></tr><tr><td>Makarand M Karvekar</td><td>09/19/2011</td></tr></tbody></table>		Name	Execution Date	Hong Zhao	09/19/2011	Dennis J Budnick	09/19/2011	Makarand M Karvekar	09/19/2011		
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RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>Motorola Mobility, Inc.</td></tr><tr><td>Street Address:</td><td>600 North US Highway 45</td></tr><tr><td>City:</td><td>Libertyville</td></tr><tr><td>State/Country:</td><td>ILLINOIS</td></tr><tr><td>Postal Code:</td><td>60048</td></tr></table>		Name:	Motorola Mobility, Inc.	Street Address:	600 North US Highway 45	City:	Libertyville	State/Country:	ILLINOIS	Postal Code:	60048
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>13251632</td></tr></tbody></table>		Property Type	Number	Application Number:	13251632						
Property Type	Number										
Application Number:	13251632										
CORRESPONDENCE DATA											
Fax Number: (847)523-2350											
Phone: 8475232345											
Email: docketing.mobility@motorola.com											
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>											
Correspondent Name: Motorola Mobility, Inc.											
Address Line 1: 600 North US Highway 45											
Address Line 4: Libertyville, ILLINOIS 60048											
ATTORNEY DOCKET NUMBER:	CS38268										
NAME OF SUBMITTER:	Denice Krueger										
Total Attachments: 5 source=CS38268_Assignment#page1.tif source=CS38268_Assignment#page2.tif source=CS38268_Assignment#page3.tif source=CS38268_Assignment#page4.tif source=CS38268_Assignment#page5.tif											

CH \$40.00 13251632

501679291

PATENT  
REEL: 027006 FRAME: 0438

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, on the date indicated by my signature below, **HONG ZHAO, DENNIS J. BUDNICK and MAKARAND M. KARVEKAR** whose residence is indicated adjacent the signature below, (the "Assignor"), hereby acknowledge that I have sold, assigned and transferred, and do hereby sell, assign and transfer, unto Motorola Mobility, Inc., a corporation of the State of Delaware, having its principal office in Libertyville, State of Illinois, United States of America, and its successors, assigns, and legal representatives, (the "Assignee"), the entire right, title and interest in and to certain inventions entitled "**Method for Reducing False Wakeup by Double-Tap Detection**" as described, illustrated in Motorola Disclosure ID. **(62421) CS38268** and as described, illustrated and claimed in the following applications:

U.S. Application filed herein and entitled: "**Method for Detecting False Wake Conditions of a Portable Electronic Device**"

I hereby also sell, assign and transfer unto Assignee, the entire right, title and interest in and to other applications for Letters Patent on the inventions referenced in this Assignment and Agreement, and all rights, title and interest in and to all applications for Letters Patent in respect of the invention filed under any and all international conventions and treaties together with the entire right, title and interest in and to Letters Patent which may be issued upon the application(s) or any application(s) otherwise claiming priority thereto, and upon any divisions, extensions, continuations, reissues and/or re-examinations of such application(s).

I further authorize Assignee to apply for Letters Patent directly in its own name where applicable, and to claim priority of the filing date of the application for Letters Patent filed under the laws of the applicable country and under the provisions of any and all international conventions and treaties.

I hereby authorize Assignee to request the Commissioner of Patents of the United States of America to issue any Letters Patents upon the aforesaid application, divisions, extensions, continuations, reissues or re-examinations, to Assignee, for the sole use and benefit of Assignee, 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 not been made, and I hereby authorize Assignee to request the equivalent authorities in foreign countries to issue the patents of their respective countries to Assignee.

I agree that, when requested, I will, without charge to Assignee, but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing, maintaining and enforcing patents for the inventions in any and all countries and for vesting title thereto in Assignee.

I covenant with Assignee that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

*Hong Zhao*

9-19-2011

HONG ZHAO

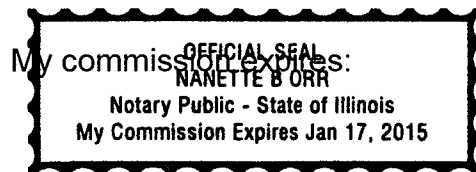
DATE

NAPERVILLE, ILLINOIS

STATE OF ILLINOIS )  
COUNTY OF *hale* ) ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **HONG ZHAO**, 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 12th day of September, 2011.



*Nanette B. Orr*  
Notary Public Signature  
*Nanette B. Orr*  
Printed Name of Notary Public

OR:

Witness One

\_\_\_\_\_  
Witness One Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name of Witness One

Witness Two

\_\_\_\_\_  
Witness Two Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name of Witness Two

Dennis Budnick  
DENNIS J. BUDNICK

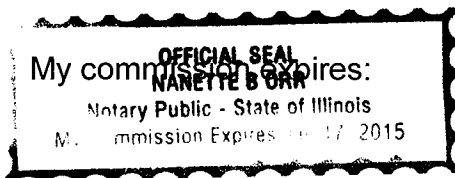
9-19-2011  
DATE

RICHMOND, ILLINOIS

STATE OF ILLINOIS     )  
                                      ) ss  
COUNTY OF Wheeler     )

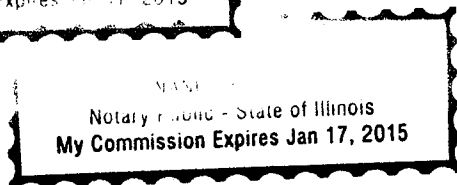
The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **DENNIS J. BUDNICK**, whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary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

Given under my hand and notarial seal this 14th day of September, 2011.



Nanette B. Orr  
Notary Public Signature  
Nanette B. Orr  
Printed Name of Notary Public

OR:



Witness One

\_\_\_\_\_  
Witness One Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name of Witness One

Witness Two

\_\_\_\_\_  
Witness Two Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name of Witness Two

*HE*

09/19/2011

MAKARAND M. KARVEKAR

DATE

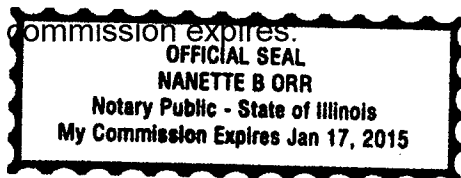
PALATINE, ILLINOIS

STATE OF ILLINOIS     )  
COUNTY OF *lake*     ) ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **MAKARAND M. KARVEKAR**, 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 19th day of September 2011.

My



*Nanette B. Orr*  
Notary Public Signature

*Nanette B. Orr*  
Printed Name of Notary Public

OR:

Witness One

\_\_\_\_\_  
Witness One Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name of Witness One

Witness Two

\_\_\_\_\_  
Witness Two Signature

\_\_\_\_\_  
Date

\_\_\_\_\_  
Printed Name of Witness Two