

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Gregory R. Black	07/26/2011
RECEIVING PARTY DATA	
Name:	Motorola Mobility, Inc.
Street Address:	600 North US Highway 45
City:	Libertyville
State/Country:	ILLINOIS
Postal Code:	60048
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13190893
CORRESPONDENCE DATA	
Fax Number:	(847)523-2350
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	8475231276
Email:	docketing.mobility@motorola.com
Correspondent Name:	Motorola Mobility, Inc.
Address Line 1:	600 North US Highway 45
Address Line 4:	Libertyville, ILLINOIS 60048
ATTORNEY DOCKET NUMBER:	CS38198
NAME OF SUBMITTER:	Nanette B. Orr
Total Attachments: 3 source=CS38198_ASSIGNMENT#page1.tif source=CS38198_ASSIGNMENT#page2.tif source=CS38198_ASSIGNMENT#page3.tif	

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PATENT
SOLE

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, **GREGORY R. BLACK, VERNON HILLS, ILLINOIS** 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 entire right, title and interest for the United States of America in and to certain inventions entitled "**Front End Employing Pin Diode Switch With High Linearity And Low Loss For Simultaneous Transmission**" as described, illustrated in Motorola Disclosure ID **CS38198** and as described, illustrated and claimed in the following applications:

- 1.) U.S. Application filed herewith entitled "**FRONT END EMPLOYING PIN DIODE SWITCH WITH HIGH LINEARITY AND LOW LOSS FOR SIMULTANEOUS TRANSMISSION.**"

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.

Gregory R. Black
Gregory R. Black

DATE : 26 July 2011

STATE OF Illinois)
COUNTY OF hale)ss

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Gregory R. Black 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 26th day of July, 2011.

My commission expires:

Nanette B. Orr
Notary Public Signature

Nanette B. Orr
Printed Name of Notary Public

