



02-10-1999

FORM PTO-1595  
1-31-92

RE

DEPARTMENT OF COMMERCE  
Patent and Trademark Office

100962471

CASE NO: CS10094

To the Assistant Commissioner for Patents, please forward the attached original documents or copy thereof.

<b>1. Name of conveying party(ies):</b> <u>Black, Gregory R.</u> <u>Nigra, Louis M.</u> <u>Denzin, Michael E.</u> <b>Additional name(s) of conveying party(ies) attached?</b> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		<b>2. Name and address of receiving party(ies):</b> Name: <u>Motorola, Inc.</u> Internal Address: <u>Corporate Offices</u> <u>Intellectual Property Department</u> Street Address: <u>1303 E. Algonquin Road</u> City: <u>Schaumburg</u> State: <u>IL</u> ZIP: <u>60196</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
<b>3. Nature of Conveyance:</b> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ Execution Date(s): <u>1/22/99</u> , <u>1/25/99</u> , <u>1/28/99</u>			
<b>4. Application number(s) or patent numbers(s):</b> If this document is being filed together with a new application, the execution date of the application is: A. Patent Application No.(s) <u>09/197,986 filed on 11/23/98</u> B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
<b>5. Name and address of party to whom correspondence concerning document should be mailed:</b> Name: <u>Motorola, Inc.</u> Internal Address: <u>Personal Communications Sector</u> <u>Intellectual Property Department</u> Street Address: <u>600 North US Highway 45, AN475</u> City: <u>Libertyville</u> State: <u>IL</u> ZIP: <u>60048</u>		<b>6. Total number of applications and patents involved:</b> <u>1</u> <b>7. Total fee (37 CFR 2.6(b)(7)):</b> <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account <b>8. Deposit account number:</b> <u>13-4763</u> (Attach duplicate copy of this page if paying by deposit account)	

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<b>9. Statement and signature.</b> <i>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.</i> <u>Randall S. Vaas Reg. No. 34,479</u> Name of Person Signing <u>[Signature]</u> Signature <u>1-28-99</u> Date Total number of pages including cover sheet, attachments and document: <u>3</u>		
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02/05/1999 AIRMIN 00000053 134760 09197986  
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## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, **Gregory Redmond Black** of **Vernon Hills, IL**, **Louis Michael Nigra** of **Chicago, IL** and **Michael Edward Denzin** of **Crystal Lake, 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, 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 **PHASE LOCK LOOP AND METHOD THEREFOR** filed **11/23/98**, **Serial No. 09/197,986** (Docket No. **CS10094**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by me on the dates indicated by my signature below, together with the entire right, title and interest in and to said application, and in and to any Letters Patent that may be issued upon said application, and upon any division, extension, continuation or reissue thereof.

I hereby also sell, assign and transfer unto said **MOTOROLA, INC.**, the entire right, title and interest in and to said 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 said invention and said applications for Letters Patent in foreign countries, and I further authorize the said **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 said application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

I 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 the said **MOTOROLA, INC.**, for the sole use and behoof of said **MOTOROLA, INC.**, its successors, assigns and legal representatives, to the full end of the term for which said 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 and request the equivalent authorities in foreign countries to issue the patents of their respective countries to the said **MOTOROLA, INC.**

I agree that, when requested, I will, without charge to said **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 said inventions in any and all countries and for vesting title thereto in said **MOTOROLA, INC.**, its successors, assigns and legal representatives or nominees.

I covenant with said **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.

  
\_\_\_\_\_  
Gregory Redmond Black

25 Jan 99  
\_\_\_\_\_  
DATE

(STATE OF ILLINOIS)  
(COUNTY OF LAKE)

I, JENNIFER MAGNESS, a Notary Public in and for the County and State aforesaid, do hereby certify that the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered said 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 25TH day of JANUARY, 1999.

SEAL



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

My commission expires:

L. M. Nigra  
Louis Michael Nigra

1/22/99  
DATE

(STATE OF ILLINOIS)  
(COUNTY OF LAKE)

I, JENNIFER MAGNESS, a Notary Public in and for the County and State aforesaid, do hereby certify that the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered said 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 22ND day of JANUARY, 1999.

SEAL



Jennifer Magness  
Notary Public

My commission expires: 3/26/02

Michael Edward Denzin  
Michael Edward Denzin

1/25/99  
DATE

(STATE OF ILLINOIS)  
(COUNTY OF LAKE)

I, JENNIFER MAGNESS, a Notary Public in and for the County and State aforesaid, do hereby certify that the same persons whose names are subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered said 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 28TH day of JANUARY, 1999.

SEAL



Jennifer Magness  
Notary Public

My commission expires: 3/26/02