



DOCKET NUMBER: IS01205ESG

102485713

To the Honorable Commissioner of Patents J original documents or copy thereof.

1. Name of conveying party(ies):  
 Seng P. Xiong  
 Martin H. Ramsden  
 Marc B. Riley

6-19-03

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  
 Street Address: 1303 East Algonquin Road  
 City: Schaumburg State: IL Zip: 60196

Additional name(s) & address(es) attached?  Yes  No

18351 U.S. PTO  
 10/463893  
 06/19/03

3 Name of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other

Execution Date: 6/9/03

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 6/9/03.

A. Patent Application No.(s)  
10463893

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: 1700 Belle Meade Court  
 City: Lawrenceville  
 State: Georgia Zip: 30043

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  
 (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**

Philip H. Burrus, IV  
 Name of Person Signing

[Signature]  
 Signature

6/9/03  
 Date

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:  
 Commissioner of Patents & Trademarks, Box Assignments, Washington, D.C. 20231

06/27/2003 BYRNE 00000020 502117 10463893  
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## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **SENG P. XIONG, DACULA, GEORGIA; MARTIN H. RAMSDEN, LAWRENCEVILLE, GEORGIA; and MARC B. RILEY, LAWRENCEVILLE, GEORGIA;** 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 **CHARGE BOOST BATTERY CHARGING AND PROTECTION CIRCUIT** (Docket No. **IS01205ESG**), 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 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.

SPX  
SENG P. XIONG

DATE: 06/09/03

STATE OF Georgia )  
)ss  
COUNTY OF Gwinnett )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Seng P. Xiong 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 9<sup>th</sup> day of June, 2003.

My commission expires:  
Phillip H. Burns IV  
Notary Public, Gwinnett County, Georgia  
My Commission Expires July 29, 2003

[Signature]  
Notary Public Signature  
Phillip H. Burns, IV  
Printed Name of Notary Public

PH. H. Burrus IV  
MARTIN H. RAMSDEN

DATE: 06/04/03

STATE OF Georgia )  
  )ss  
COUNTY OF Gwinnett )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Martin H. Ramsden 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 5<sup>th</sup> day of June, 2003.

My commission expires:

Phillip H. Burrus IV  
Notary Public, Gwinnett County, Georgia  
My Commission Expires July 25, 2003

Notary Public Signature

PHILIP H. BURRUS IV  
Printed Name of Notary Public

Marc B. Riley  
MARC B. RILEY

DATE: 6/09/03

STATE OF Georgia )  
 )ss  
COUNTY OF Gwinnett )

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that Marc B. Riley 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 9th day of June, 2003.

My commission expires:

Phillip H. Burns IV  
Notary Public, Gwinnett County, Georgia  
My Commission Expires July 28, 2005

[Signature]  
Notary Public Signature  
Phillip H. Burns, IV  
Printed Name of Notary Public