

08-06-2004

RE



DOCKET NUMBER: CML01158AC

102807974

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):
 Xiaojing Huang
 Daryn Lowe

7-30-04

Additional name(s) of conveying party(ies) attached? Yes No

3. Name of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other

Execution Date: 7/23/2004

2. Name and address of receiving party(ies)

Name: Motorola, Inc.

Internal Address: Law Department
 IL01 - 3rd Floor

Street Address: 1303 E. Algonquin

City: Schaumburg State: IL Zip: 60196

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

16834 U.S. PTO
10/1903353
073004

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 July 30, 2004.

A. Patent Application No.(s)
 10903353

Additional numbers attached? Yes No

B. Patent No.(s)

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: MOTOROLA, INC.

Internal Address:

Street Address:
1303 E. Algonquin Road

City: Schaumburg

State: IL Zip: 60196

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, MOTOROLA, INC.

(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.

Daniel K. Nichols July 30, 2004
 Name of Person Signing Signature Date

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

Mail documents to be recorded with required cover sheet information to:
 Mail Stop Patent Application, Commissioner of Patents, P. O. Box 1450, Alexandria, VA 22313-1450

08/05/2004 BTM11 0000065 502117 10903353
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CML01158AC

PATENT
 REEL: 015641 FRAME: 0627

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, we, **Xiaojing HUANG** of Australia and **Darryn LOWE** of Australia, 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 **METHOD AND SYSTEM FOR INTERACTIVE CHANNEL EQUALIZATION** (Docket No. **CML01158AC**), 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 said application, and in and to Letters Patent which may be issued upon said application, and upon any division, extension, continuation, or reissue thereof.

We hereby also sell, assign and transfer unto the 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 inventions and said applications for Letters Patent in foreign countries, and we further authorize the said **MOTOROLA, INC.** to apply for Letters Patent in foreign countries directly in its own name, and to claim the 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.

We hereby authorize and request the Commissioner of Patents and Trademarks 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 us 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 the said **MOTOROLA, INC.**

We agree that, when requested, we 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.


We 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.

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1st Inventor: 
Xiaojing HUANG

Date: 23 July 2004

1st Witness: 
Name: Raad Raad

Date: 23 July 2004

2nd Witness: 
Name: Ricardo Gordón

Date: 23 July 2004