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A/A 581-4D

12-29-2005

PCT/PTO 18 APR 2005

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DOCKET NUMBER: CR00570P 103146642

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

5081-1805

1. Name of conveying party(ies):
Markus Muck
Marc De Courville
Merouane Debbah

2. Name and address of receiving party(ies)
Name: Motorola, Inc.
Internal Address: IL01-3rd Floor

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

Street Address: 1303 E. Algonquin Road
City: Schaumburg State: Illinois Zip: 60196

Execution Date: April 5, 2005 and April 7, 2005

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

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 April 18, 2005.

A. Patent Application No.(s) B. Patent No.(s)

Additional numbers attached? Yes No

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

6. Total number of applications and patents involved: 1

Name: Motorola, Inc.

7. Total fee (37 CFR 3.41) \$40.00

Internal Address: IL01-3rd Floor

Enclosed
 Authorized to be charged to deposit account

Street Address 1303 E. Algonquin Road

8. Deposit account number: 502117

City: Schaumburg

State: Illinois Zip: 60196

(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.

Brian M. Mancini Reg#39,288

April 18, 2005

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and documents: 4

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

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **MARKUS MUCK, PARIS, FRANCE; MARC DE COURVILLE, PARIS, FRANCE and MEROUANE DEBBAH, CACHAN, FRANCE**, 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 **CHANNEL ESTIMATION USING THE GUARD INTERVAL OF A MULTICARRIER SIGNAL** (Docket No. **CR00570P**), 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.

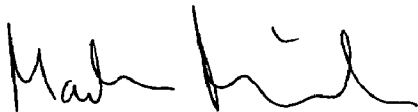
We hereby also sell, assign and transfer unto MOTOROLA, INC., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in all countries foreign to the United States of America, including all rights under any and all international conventions 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

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.



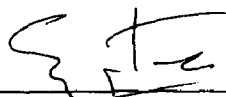
MARKUS MUCK

DATE: 4/5/2005

Signed In:

City: PARIS

Country: FRANCE



Witness No.1 Signature

Date: 4/5/2005

JEREMY GOSTEAU

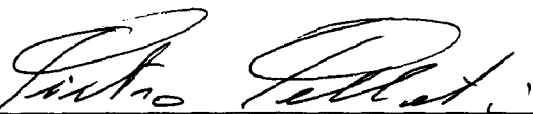
Witness No.1 Name

76 place Saint Jacques

Witness No.1 Residential Address

75014 PARIS FRANCE

Witness No.1 Residential Address



Witness No.2 Signature

Date: 4/5/2005

PIETRO PELLATI

Witness No.2 Name

9, RUE RACINE

Witness No.2 Residential Address

75006 PARIS FRANCE

Witness No.2 Residential Address

Marc De Courville

MARC DE COURVILLE

DATE: 4/5/2005

Signed In:

City: PARIS

Country: FRANCE

[Signature]
Witness No.1 Signature

Date: 4/5/2005

LUBBE
Witness No.1 Name

2, passage du square
Witness No.1 Residential Address

92160 Antony
Witness No.1 Residential Address

[Signature]
Witness No.2 Signature

Date: 4/5/2005

SITAZ
Witness No.2 Name

70, avenue du Boulouana
Witness No.2 Residential Address

92360 Boulogne Billancourt
Witness No.2 Residential Address



MEROUANE DEBBAH

DATE: 04/07/05

Signed In:

City: Antibes

Country: France



Witness No.1 Signature

Date: 07 april 2005

DIRK SLOCK

Witness No.1 Name

290 ROUTE DE GRASSE

Witness No.1 Residential Address

06220 VALLAURIS, FRANCE

Witness No.1 Residential Address



Witness No.2 Signature

Date: 07/April 05

DAVID GESBERT

Witness No.2 Name

28 RUE AUBER

Witness No.2 Residential Address

06000 NICE

Witness No.2 Residential Address