

01-20-1999

FORM PTO-504
(Rev. 6-93)

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U.S. DEPARTMENT
OF COMMERCE

Atty Docket #:
SC0685AH

100945370

Patent and
Trademark Office

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

JCS11 U.S. PTO
09/22/99
01/05/99

1. Name of conveying part(ies):

Hung-Bun Choi
Harvey Hau-Fai Wong
Wing Tak Kenneth Wong

2. Name and address of receiving party(ies):

Name: Motorola, Inc.

Internal Address Intellectual Property Dep.

Street Address: 1303 East Algonquin Road

City: Schaumburg State: IL ZIP: 60196

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other

Execution date of conveyance:

October 23, 1998

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

October 23, 1998

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:

Name: Motorola, Inc.
Internal Address: Intellectual Property Department - Suite R3108
Street Address: P.O. Box 10219
City, State, Zip: Scottsdale, AZ 85271-0219

6. Total number of applications and patents involved 1

7. Total fee (37 C.F.R. 3.41)..... \$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 13-4771
(Attach triplicate copy of this page if paying by deposit account)

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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.

Rennie William Dover

36,503

Rennie William Dover
Signature

3 January 1999
Date

Name of Person Signing

Reg. No.

Total number of pages including cover sheet, attachments, and document: 3

OMB No. 0651-001 (Exp. 4-94)

01/19/1999 SBURMS 00000113 134771 09226914

01 FC:581 40.00 CH

PATENT
REEL: 9697 FRAME: 0940

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, Hung-Bun Choi of Shatin, New Territories, Hong Kong; Harvey Hau-Fai Wong of Lam Tin, Hong Kong and Wing Tak Kenneth Wong of North Point, Hong Kong, 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 APPARATUS FOR RECONSTRUCTING A LINEAR PREDICTION FILTER EXCITATION SIGNAL** (Attorney Docket No. SC0685AH), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by us, 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 inventions 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 the 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 and Trademarks 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 behoof of MOTOROLA, INC., its successors, assigns and legal representatives, to the full end of the term for which the 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 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.

Harvey Hau-Fai Wong
Harvey Hau-Fai Wong

Wing Tak Kenneth Wong
Wing Tak Kenneth Wong

Peter D. Hudson
Witness

PETER D HUDSON
Name

23 October 98
Date

Jack Y. ...
Witness

JACK Y. ...
Name

23 Oct. 1998
Date

Hung-Bun Choi
Hung-Bun Choi

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Witness

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Name

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Date

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Witness

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Name

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Date

Address correspondence concerning this document to: Motorola, Inc., Intellectual
Property Department - Suite R3108, P.O. Box 10219, Scottsdale, Arizona 85271-0219.