

01-15-2002

ET

DOCKET NUMBER: CR1091AC



To the Honorable Commissioner of Patents &

101946297

Original documents or copy thereof.

1. Name of conveying party(ies):
 MARK THOMSON

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

J1046 U.S. PTO
 10/034613
 12/28/01

3 Name of conveyance:

Assignment Merger

Security Agreement Change of Name

Other

Execution Date: 12/12/2001

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 12/28/2001.

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: _____

1303 E. Algonquin Road

Street Address: _____

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: 13-4772

(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 *Daniel K. Nichols* 12/28/2001
 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:
 Commissioner of Patents & Trademarks, Box Assignments, Washington, D.C. 20231

01/14/2002 DBYRME 0000502 134772 10034613
 01 FC:581 40.00 CH

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, I, **Mark THOMSON** of Australia, has 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 **VECTOR ESTIMATION SYSTEM, METHOD AND ASSOCIATED ENCODER** (Attorney Docket No. **CR1091AC**), described, illustrated and claimed in an application for Letters Patent of the United States of America executed by me of even date herewith, 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.

I 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 I 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.

I 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 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.

CR1091AC

1

Sole Inventor: *Mark Thomson*
Mark THOMSON

Date: 12 December 2001

1st Witness: *Trym Holter*
Name: TRYM HOLTEN

Date: 12 December 2001

2nd Witness: *Julien Epps*
Name: JULIEN EPPS

Date: 12 December 2001