

02-05-2003



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PTO  
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Form: PTO-1595

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DOCKET NUMBER: SC0893ET

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

1. Name of conveying party(ies):  
Patrick Douziech  
John A. Shepherd

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

3 Name of conveyance:

☒ Assignment ☐ Merger

☐ Security Agreement ☐ Change of Name

☐ Other

Execution Date: December 12, 2002 (Douziech) and December 6, 2002 (Shepherd)

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 December 12, 2002 (Douziech) and December 6, 2002 (Shepherd).

A. Patent Application No.(s)  
10/351824

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: \_\_\_\_\_ MD: TX32/PL02

Street Address: 7700 W. Parmer Lane

City: Austin

State: Texas Zip: 78729

6. Total number of applications and patents involved: 1

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

Robert L. King Robert L. King January 27, 2003

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and documents: 7

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

02/04/2003 LMUELLER 00000266 502117 10351824  
01 FC:0021 40.00 CH

PATENT  
REEL: 013714 FRAME: 0459

## ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, DOUZIECH, Patrick, and SHEPHERD, John Avis: 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 **APPARATUS AND METHOD FOR TUNING FILTER (SC0893ET)**, 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 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.

\_\_\_\_\_  
DOUZIECH, Patrick

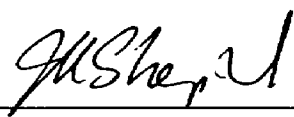
DATE: \_\_\_\_\_

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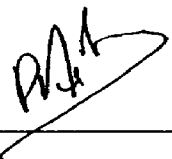
DATE: \_\_\_\_\_

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WITNESS SIGNATURE


DATE: \_\_\_\_\_

  
\_\_\_\_\_  
SHEPHERD, John Avis

DATE: 6th December 2002

  
Patrick ANTOINE  
\_\_\_\_\_  
WITNESS SIGNATURE

DATE: 6th December 2002

  
Christophe CUGGE  
\_\_\_\_\_  
WITNESS SIGNATURE

DATE: 6 DEC 2002

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For good and valuable consideration, the receipt of which is hereby acknowledged, we, DOUZIECH, Patrick, and SHEPHERD, John Avis: 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 **APPARATUS AND METHOD FOR TUNING FILTER (SC0893ET)**, 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 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.

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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.

*Douziech*  
DOUZIECH, Patrick

DATE: 12/12/2002

*Francis DOREL*  
WITNESS SIGNATURE

DATE: 12/12/2002

*OF Gabet*  
WITNESS SIGNATURE

DATE: 12/12/2002

\_\_\_\_\_  
SHEPHERD, John Avis

DATE: \_\_\_\_\_

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WITNESS SIGNATURE

DATE: \_\_\_\_\_

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WITNESS SIGNATURE

DATE: \_\_\_\_\_