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03-16-2006

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DOCKET NUMBER: CM08507J

103198604

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

1. Name of conveying party(ies):

Nicholas G. Cafaro
Thomas L. Gradishar
Robert E. Stengel

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

3 Name of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: March 8, 2006

2. Name and address of receiving party(ies)

Name: Motorola, Inc.

Internal Address: Law Department
IL01 - 3rd Floor

Street Address: 1303 E. Algonquin RoadCity: Schaumburg State: IL Zip: 60196Additional name(s) & address(es) attached? ☐ Yes ☒ No113264 U.S. PTO
11/370689

030805

4. Application number(s) or patent number(s):

☒ This document is being filed together with a new application.

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:
8000 West Sunrise Boulevard

Street Address:
Law Department - MD 1610

City: PlantationState: Florida Zip: 33322

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 account8. 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.

Barbara R. Doutre

Name of Person Signing

Signature

March 8, 2006

Date

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

5

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

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PATENT
REEL: 017692 FRAME: 0840

PATENT

ASSIGNMENT AND AGREEMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, we, **Nicholas G. CAFARO, Coconut Creek, Florida; Thomas L. GRADISHAR, Boynton Beach, Florida; Robert E. STENGEL, Pompano Beach, Florida,** 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 **DIRECT DIGITAL SYNTHESIZER WITH VARIABLE REFERENCE FOR IMPROVED SPURIOUS PERFORMANCE** (Docket No. **CM08507J**), 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

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Robert E. Stengel
Robert E. Stengel

DATE: 8 March 2006

STATE OF Florida)
)ss
COUNTY OF Broward)

The undersigned Notary Public in and for the County and State aforesaid, do hereby certify that **Robert E. Stengel** whose name is subscribed to the foregoing instrument, appeared before me this day in person and acknowledged that they signed, sealed and delivered the instrument as their free and voluntary act and deed for the uses and purposes therein set forth.

Given under my hand and notarial seal this 8th day of March, 2006.

My commission expires:

[Signature]
Notary Public Signature

Dora E. Viles
Printed Name of Notary Public



Dora E. Viles
Commission #DD219147
Expires: Jun 02, 2007
Bonded Thru
Atlantic Bonding Co., Inc.