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FORM PTO 1595
1-31-92

RE



U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

103019371

To the Honorable Commissioner of Patents and Trademarks, U.S. Patent and Trademark Office, Washington, D.C. 20503
Original documents or copy thereof.

11/143410

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1. Name and Address of Conveying Party(ies): ALL INDIVIDUALS

Francis J. Morris
6306 Duffield Drive
Dallas, Texas 75248
Dallas County

Individual Citizenship: United States of America

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

2. Name and Address of receiving Party(ies):

Name: RAYTHEON COMPANY
Internal Address:
Street Address: 870 Winter Street
City: Waltham
State: Massachusetts Zip: 02451-1449

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

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other:

Execution Date: 05/27/05

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: 05/27/05.

A. Patent Application No.(s):

B. Patent No.(s):

Additional Numbers Yes No

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

Name: Jerry W. Mills, Esq.
Internal Address: Baker Botts L.L.P.
Street Address: 2001 Ross Avenue, Suite 600
City: Dallas
State: Texas Zip 75201-2980

6. Total number of application and patents involved: One

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

Enclosed
 Authorized to be charged to deposit account

8. Deposit Account Number:
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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.

Kevin J. Meek
Registration No. 33,738

Signature

6/1/05
Date

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U.S. PATENT AND TRADEMARK OFFICE

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DAL01:830819

PATENT
REEL: 016660 FRAME: 0279

ASSIGNMENT

WHEREAS, I, the undersigned inventor, of residence as listed, having invented certain new and useful improvements as below entitled, for which application for United States Letters Patent is made, said application having been executed on the date set forth below; and

WHEREAS, Raytheon Company (hereinafter referred to as "Assignee"), a Delaware Corporation, with an address of 870 Winter Street, Waltham, Massachusetts 02451-1449, desires to acquire my entire right, title and interest in and to the invention, and in and to said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I assign to Assignee, all right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, continuations, continuations-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to Assignee.

I also assign to Assignee, all right, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such right, title and interest in Assignee.

I will communicate to Assignee any facts known to me respecting any improvements; and, at the expense of Assignee, I will testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make lawful oaths and declarations, and generally do everything possible to vest title in Assignee and to aid Assignee to obtain and enforce proper protection for said invention in all countries.

This Assignment shall be binding on the parties' successors, assigns and legal representatives.

Title of Invention: METHOD AND APPARATUS FOR
REDUCING DIELECTRIC CHARGING IN
MEMS STRUCTURES

Signature of Sole Inventor: 
Inventor's Name: Francis J. Morris

Residence (City, County, State): 6306 Duffield Drive
Dallas, Dallas County, Texas 75248

Date Assignment Executed: 5/27/05

Date Application Executed: 5/27/05

DAL01:830810.1