10-12-04

RECORDATION FORM COVER SHEET U.S. DEPARTMENT OF COMMERCE **MODIFIED Form PTO-1595** U.S. Patent and Trademark Office (Rev. 10/02) PATENTS ONLY To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): COMSAT CORPORATION Amir I. ZAGHLOUL 6801 Rocklege Drive, Bethesda, MD 20817 11-22-2004 Additional name(s) of conveying party(ies) attached? \(\sigma\) Yes \(\sigma\) No 3. Nature of conveyance: 102886662 ☑ Assignment ☐ Merger ☐ Security Agreement ☐ Change of Name ☐ Other ☑ No Additional name(s) & address(es) attached? ☐ Yes Execution Date: September 21, 2004 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: A. Patent Application No.(s) B. Patent No.(s) 10/474,818 Not Yet Assigned Additional numbers attached? ☐ Yes ☑ No 6. Total number of applications and patents involved: 5. Name and address of party to whom correspondence concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40.00 SUGHRUE MION, PLLC ☑ Enclosed. WASHINGTON OFFICE ☐ Authorized to be charged to Deposit Account No. 19-4880. 23373 The USPTO is directed and authorized to charge all required CUSTOMER NUMBER fees, except for the Issue Fee and the Publication Fee, to Deposit Account No. 19-4880. Please also credit any overpayments to said Deposit Account. 8. Deposit Account Number: 19-4880 (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. October 14, 2004 Alan J. Kasper Date Total number of pages including cover sheet, attachments, and documents: 2 Mail documents to be recorded with required cover sheet information to: MAIL STOP ASSIGNMENT RECORDATION SERVICES Director of the U.S. Patent and Trademark Office P.O. Box 1450 Alexandria, VA 22313-1450

> PATENT REEL: 015995 FRAME: 0364

Docket No. A8264 For U.S. Clients

## **Assignment**

hereinafter called assignor(s), have invented certain improvements in

Whereas, I/We, Amir I. ZAGHLOUL of 7121 Arrowood Drive, Bethesda, MD 20817,

LTCC-BASED MODULAR MEMS PHASED ARRAY and executed an application for Letters Patent of the United States of America therefor on \_\_\_\_\_\_; and

Whereas, COMSAT CORPORATION, 6801 Rockledge Drive, Bethesda, MD 20817, (assignee), desires to acquire the entire right, title, and interest in the application and invention, and to any United States patents to be obtained therefor;
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,
I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America and all countries foreign thereto, including rights of priority under the International Convention of Paris (1883) as amended, and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.
I/We hereby authorize and request our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, NW, Washington, DC 20037-3213 to insert here in parentheses (Application number 10/474,818 and Confirmation number 1061, filed October 14, 2003) the application number and filing date of said application when known.
Date: 4/21/04 S/Amir I. ZACHLOUL

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

**RECORDED: 10/12/2004** 

PATENT REEL: 015995 FRAME: 0365