

07-24-1998



Form PTO-1595
1-31-92

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7/13/98

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

1. Name of conveying party(ies):
Soheil I. Sayegh
Additional name(s) of conveying party(ies) attached?
 yes no

2. Name and address of receiving party(ies)?
COMSAT CORPORATION
6560 Rock Spring Drive
Bethesda, MD 20817
Additional name(s) & address(es) attached?
 yes no

10530 U.S. PTO
09/114495

3. Nature of Conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: June 29, 1998

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: June 29, 1998
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:
SUGHRUE, MION, ZINN, MACPEAK & SEAS
2100 Pennsylvania Avenue, N.W.
Suite 800
Washington, D.C. 20037-3202

6. Total number of applications and patents involved: 1
7. Total Fee (37 CFR 3.41): \$ 40.00
 Enclosed. Please charge any underpayment in connection with this Assignment to Deposit Account No. 19-4880.
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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.
Alvin Rasper 28,703
Name Alvin Rasper Reg. No. 25,426 Date July 13, 1998

TOTAL NUMBER OF PAGES COMPRISING COVER SHEET, ATTACHMENTS AND DOCUMENT: 2

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Mail documents to be recorded with required cover sheet information to:
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7/21/98 SCHWPN 0000027 194860 09114495 40.00 CB

PATENT
REEL: 9324 FRAME: 0828

Assignment

Whereas, I/~~We~~, Soheil I. Sayegh of
7337 Cliff Pine Dr.
Gaithersburg, MD 20879

, hereinafter called assignor(s), have invented certain improvements in
SELF DIAGNOSIS AND SELF HEALING SCHEME FOR DIGITAL BEAM-FORMING
and executed an application for Letters Patent of the United States of America therefor on
19 ; and

Whereas, COMSAT CORPORATION
6560 Rock Spring Drive
Bethesda, MD 20817
(assignee), desires to acquire the entire right, title, and interest in the application and invention, and to
any United States and foreign 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 Commissioner of Patents
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 my attorneys SUGHRUE, MION, ZINN, MACPEAK & SEAS of
2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3202 to insert here in parentheses (Application
number _____, filed _____) the filing date and application
number of said application when known.

Date: 6/29/98 s/ Soheil I. Sayegh
Soheil I. Sayegh
Date: s/ _____
Date: s/ _____
Date: s/ _____
Date: s/ _____

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