

FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

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Mark if additional names of conveying parties attached

Name (line 1) [APOSTOLOS, John T.]

Name (line 2) [citizen of U.S.]

Second Party Name (line 1) []

Name (line 2) []

Execution Date
Month Day Year
[05 30 2001]

Execution Date
Month Day Year
[]

Receiving Party

Mark if additional names of receiving party attached

Name (line 1) [BAE SYSTEMS Information and Electronic Systems]

Name (line 2) [Integration, Inc. - A Delaware Corporation]

Address (line 1) [65 Spit Brook Road]

Address (line 2) []

Address (line 3) [Nashua] [NH] [03061]
City State/Country Zip Code

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MAIL documents to be recorded with required cover sheet(s) information to:
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U.S. DEPARTMENT OF COMMERCE
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Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned

PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved #

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$

Method of Payment: Enclosed Deposit Account
Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.)
Deposit Account Number : #
Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Scott J. Asmus
Name of Person Signing


Signature

28 June 2001
Date

BAE18-US

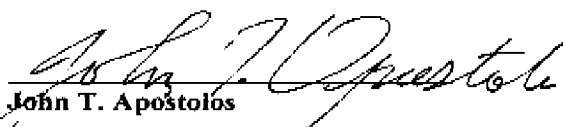
ASSIGNMENT

For value received, I, **John T. Apostolos** residing at the address set forth below next to my name, a citizen of the United States of America, do hereby sell and assign for myself and my heirs, successors, and assigns, to **BAE SYSTEMS Information and Electronic Systems Integration Inc.** (hereinafter referred to as the Company), a Delaware corporation, having a place of business at 65 Spit Brook Road, Nashua, New Hampshire 03061, its successors, assigns, and nominees, my entire right, title and interest, in the United States and its territorial possessions and in any and all foreign countries, in and to the invention relating to improvements in

SCANNING, CIRCULARLY POLARIZED VARIED IMPEDANCE TRANSMISSION LINE ANTENNA

invented by me, and the application for United States Patent therefor, identified by Docket No. D-4497 of the Company, and executed on even date herewith, as well as its priority Provisional Patent Application 60/208,192 filed May 31, 2000 and all divisions and continuations thereof, and all Patents which may be granted therefor and all reissues and extensions thereof together with all my rights in and to the said invention and any Patents that may hereafter be obtained therefor in any and all foreign countries including the right of priority under the International Convention based on the said application and the right of said Company to apply in its own name for Letters Patent therefor in any and all foreign countries, where legally permissible, and authorize and request the Commissioner of Patents and Trademarks to issue all United States Patents on said invention or resulting therefrom to said Company as assignee of the entire interest, and covenant that I have full right so to do, and agree that I will communicate to said Company or its representatives any facts known to me respecting said invention and testify in any legal proceeding, execute all divisional, continuing and reissue applications and all assignments of said invention, make all rightful oaths, sign all lawful papers, if and when required to do so, and generally do everything reasonably possible to aid said Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for said invention in all countries.

Signed at MERRIMACK, NH. this 30th day of MAY, 2001



John T. Apostolos

3 MATHEW LANE, MERRIMACK NH 03057
Residence

State of New Hampshire)
) ss
County of Hillsborough)

On this 30th day of MAY, 2001, before me appeared John T. Apostolos to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

My commission expires:


Notary Public / OFFICE OF THE NOTARY