

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

U.S. DEPARTMENT OF COMMERCE
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- Assignment
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 - Security Agreement
 - Change of Name
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FORM PTO-1619B
Expires 06/30/99
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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office
PATENT

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Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

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. Month Day Year

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.

Daniel J. Long
Name of Person Signing

Daniel J. Long
Signature

10/24/02
Date

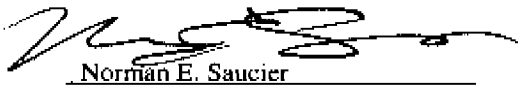
Case No. 4668 US

ASSIGNMENT

For value received, I, Norman E. Saucier 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

Deep Depression Angle Calibration Of Airborne Direction Finding Arrays

invented by me along with Norman D. Paul, and the application for United States Patent therefor, identified by Docket No. 4668 US of the Company, and executed on even date herewith, 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.



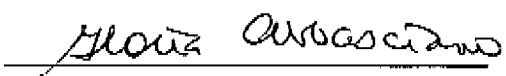
Norman E. Saucier
[INVENTOR NAME]

32 Wyman Road, New Ipswich, NH 03071
Residence

State of New Hampshire ss
County of Hillsborough

On this 7th day of August, 2002, before me appeared Norman E. Saucier 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: 3-6-07


Notary Public

GLORIA ABBASCIANO, Commissioner of Deeds
My Commission Expires March 6, 2007



Norman D. Paul
[INVENTOR NAME]

4 Bear Hill Road, Brookline, NH 03033
Residence

State of New Hampshire) ss
County of Hillsborough

On this 7th day of August, 2002, before me appeared Norman D. Paul 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: 3-6-07

Gloria Abbasciano
Notary Public

GLORIA ABBASCIANO, Commissioner of Deeds
My Commission Expires March 6, 2007