

05-16-2000

COVER SHEET

U.S. DEPARTMENT OF COMMERCE
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101358685

To the Honorable Commissioner

with attached original documents or copy thereof.

1. Name of conveying party(ies):

RICHARD J. KUMPFBECK;
JOHN F. PEDERSEN;
JOSEPH T. MERENDA

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

2. Name and address of receiving party(ies)

Name: Marconi Aerospace Systems Inc.

Internal Address: Advanced Systems Division

Street Address: One Hazeltine Way

City: Greenlawn State: NY ZIP: 11740

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: September 7, 1999

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)

09/350,449

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: BAE SYSTEMS Aerospace Inc.

Internal Address: Advanced Systems
Law Dept., M.S.1-32

Street Address: One Hazeltine Way

City: Greenlawn State: NY ZIP: 11740

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:
08-1475

(Attach duplicate copy of this page if paying by deposit account)

05/15/2000 JSHADAZZ 00000284 061475 09350449

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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.

Connie Forsterling
Name of Person Signing

Signature

April 25, 2000
Date

Total number of pages including cover sheet, attachments, and document: 4

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

PATENT
REEL: 010779 FRAME: 0681

ASSIGNMENT

(Joint Inventors)

In consideration of One Dollar and other good and valuable consideration, the receipt of which is hereby acknowledged, we, **RICHARD J. KUMPFBECK** (Inventor No. 1), **JOHN F. PEDERSEN** (Inventor No. 2), and **JOSEPH T. MERENDA** (Inventor No. 3), residing at **145 CHICHESTER ROAD, HUNTINGTON, NEW YORK 11743 U.S.A.**, **472 OLD BRIDGE ROAD, NORTHPORT, NEW YORK 11768 U.S.A.**, and **57 BURR AVENUE, NORTHPORT, NEW YORK 11768**, respectively, sell and assign to **MARCONI AEROSPACE SYSTEMS INC., Advanced Systems Division**, a corporation of **DELAWARE, U.S.A.**, having offices at **ONE HAZELTINE WAY, GREENLAWN, NEW YORK 11740 U.S.A.** (the "Company"), its successors, assigns and nominees, our entire right, title and interest:

- (1) in and to the invention relating to improvements in **MINIMUM PROTRUSION MECHANICALLY BEAM STEERED AIRCRAFT ARRAY ANTENNA SYSTEM** invented by us and shown and described in the application for United States Patent, Serial No. **09/350,449** filed **JULY 9, 1999** (the "Invention");
- (2) in and to all applications for patents for the Invention, in all countries in the world, including all divisions, reissues, substitutions, extensions and continuations thereof;
- (3) in and to all patents which may be granted therefor and all reissues and extensions and continuations thereof; and
- (4) in all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of intellectual property, including rights of priority resulting from the filing of any of said applications.

We authorize and request the Commissioner of Patents and Trademarks, and all other issuing authorities, to issue all patents on the Invention, or resulting from said applications, to the Company as assignee of the entire interest therein, and covenant that we have full right so to do, and agree that we will communicate to the Company or its representatives any facts known to us respecting the Invention, testify in any legal proceeding relating to the Invention, execute all divisional, continuing and reissue applications and all assignments of the Invention and of the right to apply for patents therefor in all countries, make all rightful oaths, sign all other lawful documents, and generally do everything reasonably possible to aid the Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for the Invention in all countries in the world.

We further authorize any officer of the Company, its successors, assigns and nominees, to execute on our behalf all documents necessary for the filing of any such applications, including divisional, continuing and reissue applications, and all assignments of the Invention and all documents necessary to apply for patents therefor in all countries, including making all rightful oaths, signing all other lawful documents, and generally doing everything necessary on our behalf to obtain and enforce proper patent protection for the Invention in all countries in the world.

IN WITNESS WHEREOF, we hereby execute this document on the dates set forth immediately following our respective signatures.

INVENTOR NO. 1: RICHARD J. KUMPFBECK

Signature: *Richard J. Kumpfbeck*
(Inventor No. 1)

This 7th day of SEPTEMBER, 1999.

State of NEW YORK)

) ss.

County of SUFFOLK)

On this 7th day of SEPTEMBER, 1999, before me, a Notary Public in and for the State and County shown above, personally appeared RICHARD J. KUMPFBECK, known to me to be the person named in and who executed the above Assignment and who acknowledged the same to be his/her free act and deed.

Connie Forsterling
Notary Public

CONNIE FORSTERLING
NOTARY PUBLIC, State of New York
No. 01FO5061962
Qualified in Suffolk County
Commission Expires June 17, 2000

INVENTOR NO. 2: JOHN F. PEDERSEN

Signature: *John F. Pedersen*
(Inventor No. 2)

This 7th day of SEPTEMBER, 1999.

State of NEW YORK)

) ss.

County of SUFFOLK)

On this 7th day of SEPTEMBER, 1999, before me, a Notary Public in and for the State and County shown above, personally appeared JOHN F. PEDERSEN, known to me to be the person named in and who executed the above Assignment and who acknowledged the same to be his/her free act and deed.

Connie Forsterling
Notary Public

CONNIE FORSTERLING
NOTARY PUBLIC, State of New York
No. 01FO5061962
Qualified in Suffolk County
Commission Expires June 17, 2000

IN WITNESS WHEREOF, we hereby execute this document on the dates set forth immediately following our respective signatures.

INVENTOR NO. 3: JOSEPH T. MERENDA

Signature: *Joseph T. Merenda*
(Inventor No. 3)

This 7th day of SEPTEMBER, 19 99.

State of NEW YORK)

)SS.

County of SUFFOLK)

On this 7th day of SEPTEMBER, 19 99, before me, a Notary Public in and for the State and County shown above, personally appeared JOSEPH T. MERENDA, known to me to be the person named in and who executed the above Assignment and who acknowledged the same to be his/her free act and deed.

Connie Forsterling
Notary Public

CONNIE FORSTERLING
NOTARY PUBLIC, State of New York
No. 01FO5061962
Qualified in Suffolk County
Commission Expires June 17, 2000