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(Rev. 10/02)

RE

U.S. DEPARTMENT OF COMMERCE  
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OMB No. 0651-0027 (exp. 6/30/2005)

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

1. Name of conveying party(ies):

John MINKOFF and Gene L. CANGIANI

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

Execution Date: 01-23-2004

2. Name and address of receiving party(ies)

Name: ITT Manufacturing Enterprises, Inc.

Internal Address: 1105 North Market Street

Suite 1217

Street Address: \_\_\_\_\_

City: Wilmington State: DE Zip: 19801

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

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: 01-23-2004

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:

Name: Patrick J. Finnan

Internal Address: Edell, Shapiro & Finnan, LLC

Street Address: 1901 Research Blvd.

Suite 400

City: Rockville State: MD Zip: 20850

6. Total number of applications and patents involved: ☐

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

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:

05-0460

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9. Signature.

Patrick J. Finnan

Name of Person Signing

Signature

January 23, 2004

Date

01/28/2004 DBYRNE

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Total number of pages including cover sheet, attachments, and documents: ☐

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

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PATENT  
REEL: 014919 FRAME: 0674

## ASSIGNMENT AND AGREEMENT

FOR VALUE RECEIVED, We, John MINKOFF and Gene L. CANGIANI, hereby sell, assign and transfer to ITT Manufacturing Enterprises, Inc., a corporation duly organized and existing under the laws of the state of Delaware and having a place of business at 1105 North Market Street, Suite 1217, Wilmington, Delaware, 19801, as assignee, and its successors assigns and legal representatives, the entire right, title and interest, for all countries, in and to certain inventions relating to "*Methods and Apparatus for Shaping Antenna Beam Patterns of Phased Array Antennas*" described in an application for Letters Patent of the United States, executed by me of even date herewith, and all the rights and privileges under any and all Letters Patent that may be granted therefor.

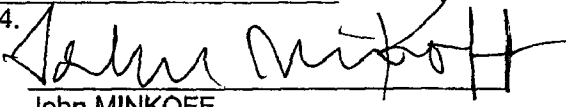
We request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.


We agree that, when requested, we will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

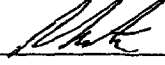
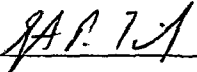
We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

We covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that we have full right to convey the same as herein expressed.

Signed at 23 day of Jan, 2004. this  
  
John MINKOFF

Signed at 23rd day of January, 2004. this  
  
Gene L. CANGIANI

SIGNED IN OUR PRESENCE AND ACKNOWLEDGED TO BE AN ASSIGNMENT OF THE APPLICATION/INVENTION HEREINABOVE REFERRED TO:

WITNESS  DATE 1/23/04  
WITNESS  DATE 1/23/04