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Documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Frank B. Winter
Harry S. Harberts
Julius G. Tolan

Execution Date(s) January 19, 2005

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

2. Name and address of receiving party(ies)

Name: NORTHROP GRUMMAN CORPORATION

Internal Address: _____

Street Address: 1840 Century Park East

City: Los Angeles

State: CA

Country: _____ Zip: 90067-2199

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

A. Patent Application No.(s)

This document is being filed together with a new application.

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: Scot R. Hewitt, Northrop Grumman

Internal Address: Space Technology - Law Dept.

Street Address: One Space Park, Bldg. E1/2041

City: Redondo Beach

State: CA Zip: 90278

Phone Number: (310) 813-1550

Fax Number: (310) 812-2687

Email Address: scot.hewitt@ngc.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21 (h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

Credit Card Last 4 Numbers _____
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9. Signature:

Scot R. Hewitt

Signature

2/7/05

Date

02/18/2005 6T0K11 0000007 141325 11053520

01 FC: 021 40.00 BA Scot R. Hewitt, Reg. No. 35,191
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

Docket No. 000688-853

ASSIGNMENT

For valuable consideration, the adequacy and receipt of which are hereby acknowledged, we Frank B. Winter, Harry S. Harberts, and Julius G. Tolan, respectively of San Diego, California, San Marcos, California, and Melbourne, Florida, do hereby sell and assign to Northrop Grumman Corporation, 1840 Century Park East, Los Angeles, California 90067-2199, a Delaware corporation, its successors and assigns, the entire right, title and interest in and to the improvements in **EMBEDDED DUO-PLANAR PRINTED INDUCTOR** which has been invented by us, as described in the application for United States Patent which we executed respectively, on January 19, 2005, January 19, 2005, and January 31, 2005, and any and all applications for patent and patents therefor in any and all countries, including all divisions, reissues, continuations, and extensions thereof, and the right to claim the priority date of the first filed application in the United States, and authorize and request any official whose duty it is to issue patents, to issue any patent on said improvements or resulting therefrom to said Northrop Grumman Corporation, or its successors or assigns, and agree that on request and without further consideration, but at the expense of Northrop Grumman Corporation, we will communicate to Northrop Grumman Corporation or its representatives or nominees any facts known to us respecting said improvements and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and generally do everything possible to aid Northrop Grumman Corporation, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

1/19/05

Inventor:

Frank B. Winter
Frank B. Winter

1-19-05

Inventor:

Harry S. Harberts
Harry S. Harberts

1-31-2005

Inventor:

Julius G. Tolan
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