

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Northrop Grumman Space & Mission Systems Corporation	06/23/2004

RECEIVING PARTY DATA

Name:	Northrop Grumman Corporation
Street Address:	1840 Century Park East
City:	Los Angeles
State/Country:	CALIFORNIA
Postal Code:	90067-2199

PROPERTY NUMBERS Total: 6

Property Type	Number
Application Number:	10632683
Application Number:	10698847
Application Number:	10705252
Application Number:	10781353
Application Number:	10782723
Application Number:	10782538

CORRESPONDENCE DATA

Fax Number: (831)649-8835

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

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Correspondent Name: LaRiviere, Grubman & Payne, LLP

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NAME OF SUBMITTER:

F. David LaRiviere

PATENT

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Total Attachments: 3

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ASSIGNMENT AGREEMENT

FOR good and valuable consideration, receipt of which is hereby acknowledged, NORTHROP GRUMMAN SPACE & MISSION SYSTEMS CORPORATION, a Delaware corporation, with offices at One Space Park Bldg., R11/2796BE, Space Technology, M/S 1492, Redondo Beach, California, 90278, hereinafter ASSIGNOR, does hereby sell, assign and transfer unto NORTHROP GRUMMAN CORPORATION, a Delaware corporation, 1840 Century Park East, Los Angeles, California, 90067-2199, USA, hereinafter ASSIGNEE, its successors and assignees, the entire title, interest and right, in the United States Patent applications listed on Exhibit A attached hereto and incorporated by reference, and of countries foreign thereto which may be granted thereon or therefor, and any and all provisional, divisional, reissue, continuation, substitute or renewal applications thereof which have been or shall be filed in the United States and any and all equivalents thereto in any and all foreign countries.

This agreement constitutes the entire agreement of the parties and supersedes and cancels any and all prior and/or contemporaneous utterances, statements, representation, understandings and/or agreements whether oral and/or written in connection with this agreement.

IN WITNESS WHEREOF, ASSIGNOR agrees to the above-mentioned terms and conditions as evidenced by the signature below:

NORTHROP GRUMMAN SPACE &
MISSION SYSTEMS CORPORATION

6-23-04

Date

By: 

William E. Gallas, Assistant Secretary

STATE OF CALIFORNIA)
COUNTY OF Los Angeles)

On June 23, 2004, before me, Lorna L. Schott, a Notary Public for the State, personally appeared William E. Gallas, personally to me, ~~or proved to me on the basis of satisfactory evidence~~ to be the person(s) whose name is/~~are~~ subscribed to the within instrument and acknowledged to me that he/~~she/they~~ executed the same, and that by his/~~her/their~~ signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.



Lorna L. Schott
Notary Public

Exhibit A

<u>Docket No.</u>	<u>Application Serial No.</u>	<u>Filing Date</u>	<u>Title</u>
P1535	10/632,683	01-Aug-03	Asymetric, Optimized Common-Source Bi-Directional Amplifier
P1550	10/698,847	30-Oct-03	System and Method for an Ambient Atmosphere Ion Thruster
P1551	10/705,252	10-Nov-03	Electronically Programmable Multimode Circuit
P1571	10/781,353	17-Feb-04	Polymer Via Etching Process
P1572	10/782,723	18-Feb-04	Dry Etching Process for Compound Semiconductors
P1573	10/782,538	18-Feb-04	Method of Dry Plasma Etching Semiconductor Materials