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Form PTO-1595 (Rev. 10/02)

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U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

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Tab settings

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

1. Name of conveying party(ies):

Xetron Corporation  
460 W. Crescentville Road  
Cincinnati, OH. 45246

12.24-03

2. Name and address of receiving party(ies)

Name: Northrop Grumman Corporation

Internal Address: Mail Zone 90/110/CC

Street Address: 1840 Century Park East

City: Los Angeles State: CA Zip: 90067

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

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other

Execution Date: 12/18/03

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: \_\_\_\_\_

A. Patent Application No.(s) \_\_\_\_\_

B. Patent No.(s) See attached sheet of additional patents.

Additional numbers attached?  Yes  No

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

Name: Northrop Grumman Corporation

Internal Address: Mail Stop A440

Street Address: 1580 West Nursery Road

City: Linthicum State: MD Zip: 21090

6. Total number of applications and patents involved: 7

7. Total fee (37 CFR 3.41).....\$ 280.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

14-1325

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9. Signature.

Walt Sutcliff  
Name of Person Signing

Walt A. Sutcliff  
Signature

12/19/03  
Date

Total number of pages including cover sheet, attachments, and documents: 5

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

**Continuation of Item 4 on cover sheet:**

U.S. Patent No. 5,263,191	Nov. 16, 1993	"Method and Circuit for Processing and Filtering Signals"
U.S. Patent No. 5,428,834	June 27, 1995	"Method and Circuit for Processing and Filtering Signals"
U.S. Patent No. 5,339,456	Aug. 16, 1994	"Method and Circuit for Non-Cooperative Interference Suppression of Radio Frequency Signals"
U.S. Patent No. 5,355,533	Oct. 11, 1994	"Method and Circuit for Radio Frequency Signal Detection and Interference Suppression"
U.S. Patent No. 5,721,518	Feb. 24, 1998	"Cancellation Technique for Bandpass Filters Using a Narrowband Network Having Optimally Coupled and Overcoupled Filters"
U.S. Patent No. 6,421,535	July 16, 2002	"Superregenerative Circuit"
U.S. Patent No. 6,487,264	Nov. 26, 2002	"RF Modem Apparatus"

## **ASSIGNMENT OF PATENTS**

WHEREAS, Xetron Corporation ("Xetron"), a wholly owned subsidiary of Northrop Grumman Corporation, is the sole owner of the entire right, title and interest in and to the United States Letters Patent described in Schedule A attached hereto and made a part hereof (hereinafter "Patents");

WHEREAS, Northrop Grumman Corporation ("Northrop Grumman") is desirous of acquiring the entire right, title and interest in and to the Patents;

WHEREAS, Xetron acknowledges receipt of consideration for the assignment of these patents;

NOW, THEREFORE, Xetron hereby, effective as of the date of execution of this Assignment of Patents, assigns and transfers to Northrop Grumman Xetron's entire right, title and interest in the United States and throughout the world in and to the Patents and all divisions, continuations, continuations-in-part, reissues, reexaminations, modifications, revisions, corresponding foreign patent applications, renewals and extensions thereof, including all claims, if any, which may have arisen for infringement of the Patents prior to the date of this assignment, all said rights to be held and enjoyed by Northrop Grumman for its own use and for the use of its successors, assigns or other legal representatives, to the full end of the term for which the Patents have been or will be granted, extended or reissued, as fully and entirely as the same would have been held and enjoyed by Xetron if this assignment and sale had not been made.

Xetron further agrees that Xetron will, without demanding any further consideration therefor, at the request of Northrop Grumman, execute and acknowledge instruments that may be or become necessary for obtaining, sustaining, or reissuing the Patents, and for maintaining and perfecting Northrop Grumman's right to the Patents.

IN WITNESS WHEREOF, Xetron has caused these presents to be signed by its duly authorized officer below named effective as of the date written below.

Xetron Corporation

By: Frank C. Marshall

Date: 12/18/03

State/Commonwealth of MARYLAND

County of ANNE ARUNDEL

Then personally appeared before me the above-named FRANK C. MARSHALL and acknowledged that he is an officer of said corporation, that he executed the foregoing instrument on behalf of such corporation with authority to do so, and that signing of the instrument is the free act and deed of the corporation.

Dated this 18<sup>th</sup> day of ~~November~~ <sup>December</sup> 2003.

Notary Public

Michele A Keeler

(SEAL)

My Commission expires 7/3/05

Schedule A

	<u>Issue Date</u>	<u>Title</u>
U.S. Patent No. 5,263,191	Nov. 16, 1993	"Method and Circuit for Processing and Filtering Signals"
U.S. Patent No. 5,428,834	June 27, 1995	"Method and Circuit for Processing and Filtering Signals"
U.S. Patent No. 5,339,456	Aug. 16, 1994	"Method and Circuit for Non-Cooperative Interference Suppression of Radio Frequency Signals"
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