

05-01-2002

U.S. Department of Commerce
Patent and Trademark Office
PATENT



2002 APR 22 PM 12:37

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4.22.02

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

- ☒ New
☐ Resubmission (Non-Recordation)
Document ID#
☐ Correction of PTO Error
Reel # Frame #
☐ Corrective Document
Reel# Frame #

Conveyance Type

- ☐ Assignment ☐ Security Agreement
☐ License ☐ Change of Name
☐ Merger ☒ Other Notice of Grant of Security Interest
U.S. Government
(For Use ONLY by U.S. Government Agencies)
☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Name (line 1) ARINC Incorporated
Name (line 2)

Execution Date
Month Day Year

03/27/02

Second Party

Name (line 1)
Name (line 2)

Execution Date
Month Day Year

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Bank of America, N.A., as Collateral Agent
Name (line 2)
Address (line 1) 555 South Flower Street
Address (line 2) 11th Floor
Address (line 3) Los Angeles CA 90071
City State/Country Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name
Address (line 1)
Address (line 2)
Address (line 3)
Address (line 4)

04/30/2002 10:18:21 00000241 6023239

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

Correspondent Name and Address

Area Code and Telephone Number **(919) 286-8000**

Name **Steven D. Thomas**

Address (line 1) **Moore & Van Allen PLLC**

Address (line 2) **2200 West Main Street**

Address (line 3) **Suite 800**

Address (line 4) **Durham, North Carolina 27705**

Pages Enter the total number of pages of the attached conveyance document including any attachments.

4

Application Number(s) or Patent Number(s)



Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

6,023,239

5,499,187

4,717,907

5,933,110

5,335,363

4,527,275

5,767,812

5,130,936

4,433,285

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number
only if a U.S. Application Number
has not been assigned.

PCT

PCT

PCT

PCT

PCT

PCT

Number of Properties Enter the total number of properties involved.

10

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41):

\$ **400.00**

Method of Payment: Enclosed ☒

Deposit Account ☒

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

13-4365

Authorization to charge additional fees:

Yes ☒

No ☐

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. Charges to deposit account are authorized as indicated herein.

Steven D. Thomas

Name of Person Signing

Signature

Date Signed

**RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY**

Conveying Party(ies) ☐ **Mark if additional names of conveying parties attached**
Enter Additional Conveying Party

Name (line 1)	<input type="text"/>	Execution Date Month Day Year	<input type="text"/>
Name (line 2)	<input type="text"/>	Execution Date Month Day Year	<input type="text"/>
Name (line 1)	<input type="text"/>	Execution Date Month Day Year	<input type="text"/>
Name (line 2)	<input type="text"/>	Execution Date Month Day Year	<input type="text"/>
Name (line 1)	<input type="text"/>	Execution Date Month Day Year	<input type="text"/>
Name (line 2)	<input type="text"/>	Execution Date Month Day Year	<input type="text"/>

Receiving Party(ies) ☐ **Mark if additional names of receiving parties attached**
Enter Additional Receiving Party

Name (line 1)	<input type="text"/>		
Name (line 2)	<input type="text"/>		
Address (line 1)	<input type="text"/>		
Address (line 2)	<input type="text"/>		
Address (line 3)	<input type="text"/>	<input type="text"/>	<input type="text"/>
	City	State/Country	Zip Code

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Name (line 1)	<input type="text"/>		
Name (line 2)	<input type="text"/>		
Address (line 1)	<input type="text"/>		
Address (line 2)	<input type="text"/>		
Address (line 3)	<input type="text"/>	<input type="text"/>	<input type="text"/>
	City	State/Country	Zip Code

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative should be attached. (Designation must be a separate document from Assignment.)

Application Number(s) or Patent Number(s) ☐ **Mark if additional numbers attached**
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

<input type="text"/>	<input type="text"/>	<input type="text"/>	4,464,141	<input type="text"/>	<input type="text"/>
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NOTICE
OF
GRANT OF SECURITY INTEREST
IN
PATENTS

United States Patent and Trademark Office

Gentlemen:

Please be advised that pursuant to the Security Agreement dated as of March 27, 2002 (the "Security Agreement") by and among the Obligors party thereto (each an "Obligor" and collectively, the "Obligors") and Bank of America, N.A., as Collateral Agent (the "Collateral Agent") for the Banks referenced therein (the "Banks"), the undersigned Obligor has granted a continuing security interest in and continuing lien upon, the patents and patent applications shown below to the Collateral Agent for the ratable benefit of the Banks:

PATENTS

<u>Patent No.</u>	Description of <u>Patent Item</u>	Date of <u>Patent</u>
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See attached Schedule A

Patent Applications

<u>Patent Applications No.</u>	Description of <u>Patent Applied For</u>	Date of Patent <u>Applications</u>
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See attached Schedule A

The Obligors and the Collateral Agent, on behalf of the Banks, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Security Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

Very truly yours,

ARINC INCORPORATED

By: 

Name: A. Santos Saldon

Title: Treasurer & Asset Security

Acknowledged and Accepted:

BANK OF AMERICA, N.A., as Collateral Agent

By: _____

Name: _____

Title: _____

The Obligors and the Collateral Agent, on behalf of the Banks, hereby acknowledge and agree that the security interest in the foregoing patents and patent applications (i) may only be terminated in accordance with the terms of the Security Agreement and (ii) is not to be construed as an assignment of any patent or patent application.

Very truly yours,

ARINC INCORPORATED

By: _____

Name: _____

Title: _____

Acknowledged and Accepted:

BANK OF AMERICA, N.A., as Collateral Agent

By: 

Name: Gina Meador

Title: Vice President

ARINC, Inc.**U.S. Patents****Issued Patents**

Description	Patent No.	Issued
METHOD AND SYSTEM FOR A DIFFERENTIAL GLOBAL NAVIGATION SATELLITE SYSTEM AIRCRAFT LANDING GROUND STATION	6,023,239	2/8/00
VESSEL ATTITUDE DETERMINATION SYSTEM AND METHOD	5,933,110	8/3/99
HIGH EFFICIENCY, BROADBAND, TRAPPED ANTENNA SYSTEM	5,767,812	6/16/98
VOLTAGE SENSING, AUTOSELECTING AIRCRAFT POWER SUPPLY INTERFACE	5,499,187	3/12/96
SIGNAL INTERFERENCE REDUCTION DEVICE AND METHOD	5,335,363	8/2/94
METHOD AND APPARATUS FOR DIAGNOSTIC TESTING INCLUDING A NEURAL NETWORK FOR DETERMINING TESTING SUFFICIENCY	5,130,936	7/14/92
REMOTE PARAMETER MONITORING SYSTEM WITH LOCATION-SPECIFIC INDICATORS	4,717,907	1/5/88
CORRELATION DATA COMMUNICATIONS SYSTEM	4,527,275	7/2/85
INTEGRATED TUBE SOCKET ASSEMBLY	4,433,285	2/21/84
SHAFT COUPLING	4,464,141	8/7/84