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OMB No. 0651-0027 (exp. 6/30/2008)

05-30-2007

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



103410684

To the Director of the U.S. Patent and

Documents or the new address(es) below.

1. Name of conveying party(ies)

JAMES COVOSSO FRANCIS
CHRISTOPHER ROBERT BROWN
HOWARD GLEN EBERSMAN
JOHN EDWARD GORTON

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

3. Nature of conveyance/Execution Date(s):

Execution Date(s) MAY 14, 2007

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

2. Name and address of receiving party(ies)

Name: L-3 COMMUNICATIONS TITAN CORPORATION

Internal Address: _____

Street Address: 3033 SCIENCE PARK ROAD

City: SAN DIEGO

State: CALIFORNIA

Country: USA Zip: 92121

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

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: EDWARD W. CALLAN

Internal Address: _____

Street Address: 3830 VALLEY CENTRE DRIVE

NO. 705, PMB 452

City: SAN DIEGO

State: CALIFORNIA Zip: 92130

Phone Number: (858) 259-5533

Fax Number: (858) 259-5537

Email Address: ECALLAN1@SAN.RR.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

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 03-0375

Authorized User Name EDWARD W. CALLAN

9. Signature:

Edward W. Callan

Signature

MAY 14, 2007
Date

EDWARD W. CALLAN
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 6

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

PATENT
REEL: 019368 FRAME: 0095

RECORDATION FORM COVER SHEET
PATENT ONLY

Continuation of Information for Item 1

DAVID MARK SMITH
JAMES ROBERT TIFFANY

ASSIGNMENT

TO WHOM IT MAY CONCERN

For the sum of One Dollar and other valuable consideration, to me in hand paid, receipt of which is hereby acknowledged, be it known that I, JAMES COVOSSO FRANCIS of 139 Bent Oak Trail, Fairport, New York 14450, USA, I, CHRISTOPHER ROBERT BROWN of 145 Wakeman Road, Fairport, New York 14450, I, HOWARD GLEN EBERSMAN of 95 Westview Terrace, Rochester, New York 14620, I, JOHN EDWARD GORTON of 1006 John Leo Drive, Webster, New York 14580, I, DAVID MARK SMITH of 167 Snowy Owl Ridge, Rochester, New York 14612 and I, JAMES ROBERT TIFFANY of 8881 Baker Road, Bloomfield, New York 14469 do hereby sell, assign, transfer and set over unto L-3 COMMUNICATIONS TITAN CORPORATION (a Delaware Corporation) having principal offices located at 3033 Science Park Road, San Diego, CA 92121, its successors, legal representatives, or assigns, the whole right, title and interest in and to a certain invention relating to **DETECTION OF SIGNALS IN A RADIO NETWORK** and the application for United States Letters Patent therefor executed by me on even date with my execution of this Assignment for filing in the United States Patent and Trademark Office and all original and reissue patents granted thereof, and all divisions and continuations thereof, including the subject-matter of any and all claims which has been or may be obtained in every such patent, and all foreign rights to said invention, and covenant that I have full right to do so, and agree that I will communicate to said corporation or its representatives all facts known to me respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, make all rightful oaths and generally do everything possible to aid said corporation, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent, which may be granted for said invention or any part thereof unto the said corporation, its successors, legal representatives, or assigns in keeping with this Assignment.

Done at Victor, New York this 14th day of May, 2007.


JAMES COVOSSO FRANCIS

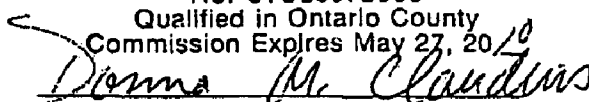
State of New York)
) ss.
County of Ontario)

On May 14th, 2007, before me, the undersigned, a Notary Public in and for said state, personally appeared JAMES COVOSSO FRANCIS, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual or the person upon behalf of which the individual acted, executed the instrument.

WITNESS my hand and official seal.

DONNA M. CLAUDIUS
Notary Public, State of New York
No. 01CL6075038

Qualified in Ontario County
Commission Expires May 27, 2010


(Signature of Notary)

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent, which may be granted for said invention or any part thereof unto the said corporation, its successors, legal representatives, or assigns in keeping with this Assignment.

Done at Victor, New York this 14 day of May, 2007.

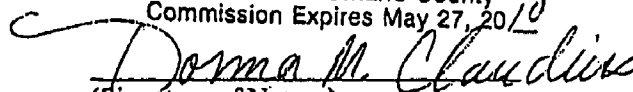

CHRISTOPHER ROBERT BROWN

State of New York)
) ss.
County of Ontario)

On May 14th, 2007, before me, the undersigned, a Notary Public in and for said state, personally appeared CHRISTOPHER ROBERT BROWN, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual or the person upon behalf of which the individual acted, executed the instrument.

DONNA M. CLAUDIUS
Notary Public, State of New York
No. 01CL6075038
Qualified in Ontario County
Commission Expires May 27, 2010

WITNESS my hand and official seal.


(Signature of Notary)

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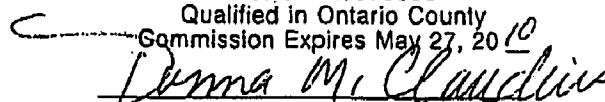

HOWARD GLEN EBERSMAN

State of New York)
) ss.
County of Ontario)

On May 14th, 2007, before me, the undersigned, a Notary Public in and for said state, personally appeared HOWARD GLEN EBERSMAN, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual or the person upon behalf of which the individual acted, executed the instrument.

DONNA M. CLAUDIUS
Notary Public, State of New York
No. 01CL6075038
Qualified in Ontario County
Commission Expires May 27, 2010

WITNESS my hand and official seal.


(Signature of Notary)

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Done at Victor, New York this 14 day of May, 2007.

John Edward Gorton
JOHN EDWARD GORTON

State of New York)
) ss.
County of Ontario)

On May 14th, 2007, before me, the undersigned, a Notary Public in and for said state, personally appeared JOHN EDWARD GORTON, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual or the person upon behalf of which the individual acted, executed the instrument.

DONNA M. CLAUDIUS
Notary Public, State of New York
No. 01CL6075038

WITNESS my hand and official seal.

Qualified in Ontario County
Commission Expires May 27, 2010

Donna M. Claudius
(Signature of Notary)

The Commissioner of Patents and Trademarks is requested to issue the Letters Patent, which may be granted for said invention or any part thereof unto the said corporation, its successors, legal representatives, or assigns in keeping with this Assignment.

Done at Victor, New York this 14th day of May, 2007.

David Mark Smith
DAVID MARK SMITH

State of New York)
) ss.
County of Ontario)

On May 14th, 2007, before me, the undersigned, a Notary Public in and for said state, personally appeared DAVID MARK SMITH, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument the individual or the person upon behalf of which the individual acted, executed the instrument.

DONNA M. CLAUDIUS
Notary Public, State of New York
No. 01CL6075038

WITNESS my hand and official seal.

Qualified in Ontario County
Commission Expires May 27, 2010

Donna M. Claudius
(Signature of Notary)

Done at Victor, New York this 14th day of May, 2007.

JAMES R. TIFANY
JAMES ROBERT TIFANY

State of New York

)

1 ss.

County of Ontario

)

On May 14th, 2007, before me, the undersigned, a Notary Public in and for said state, personally appeared JAMES ROBERT TIFFANY, personally known to me or proved to me on the basis of satisfactory evidence to be the individual whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his capacity, and that by his signature on the instrument, the individual or the person upon behalf of which the individual acted, executed the instrument.

DONNA M. CLAUDIUS
Notary Public, State of New York
No. 01CL6075038
Qualified in Ontario County
Commission Expires May 27, 2014

WITNESS my hand and official seal.

(Signature of Notary)