

10-06-2006



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To the Director of the U.S. Patent and Trademark Office

103318017

documents or the new address(es) below.

**1. Name of conveying party(ies)**

Thomas R. Giallorenzi, Johnny M. Harris, Sam Kingston,  
Robert A. Wright, and Larry Thomson

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

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

Execution Date(s) September 27, 2006

- ☒ 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: L3 Communications Corporation

Internal Address: \_\_\_\_\_

Street Address: 600 3rd Ave.

City: New York

State: NY

Country: USA Zip: 10016

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

**4. Application or patent number(s):**

☒ This document is being filed together with a new application.

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

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

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

Name: Steve M. Perry

Internal Address: \_\_\_\_\_

Street Address: 8180 South 700 East

City: Sandy

State: UT Zip: 84070

Phone Number: (801) 566-6633

Fax Number: (801) 566-0750

Email Address: \_\_\_\_\_

**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 \_\_\_\_\_

Authorized User Name \_\_\_\_\_

**9. Signature:**

Steve M. Perry  
Signature

September 28, 2006  
Date

Steve M. Perry  
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents: 8

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

10/03/2006 SSITHIB1 00000013 11529791

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PATENT  
REEL: 018368 FRAME: 0520

## ASSIGNMENT

WHEREAS, we, Thomas R. Giallorenzi (resident of Herriman, Utah, whose postal mailing address is P. O. Box 16850, Salt Lake City, UT 84116), Johnny M. Harris (resident of Centerville, Utah, whose postal mailing address is P. O. Box 16850, Salt Lake City, UT 84116), Sam Kingston (resident of Salt Lake City, Utah, whose postal mailing address is P. O. Box 16850, Salt Lake City, UT 84116), Robert A. Wright (resident of Sandy, Utah, whose postal mailing address is P. O. Box 16850, Salt Lake City, UT 84116), and Larry Thomson (resident of Bountiful, Utah, whose postal mailing address is P. O. Box 16850, Salt Lake City, UT 84116), (hereinafter "Assignors") have invented a certain new and useful improvement in a SYSTEM AND METHOD FOR PROTECTING AGAINST DENIAL OF SERVICE ATTACKS for which an application for United States Letters Patent is being filed concurrently herewith OR which was filed on \_\_\_\_\_ as THORPE NORTH & WESTERN, LLP Docket No. 01924-SL.213, and given U.S. Patent Application Serial No. \_\_\_\_\_; and

WHEREAS, L3 Communications Corporation, a corporation organized and existing under the laws of the State of Delaware, having a business address of 600 3<sup>rd</sup> Ave., New York, NY 10016, (hereinafter "Assignee"), is desirous of acquiring the entire right, title, and interest in the same;

NOW, THEREFORE, in consideration of one dollar (\$1.00) and other good and valuable consideration paid to us by the Assignee, the receipt and sufficiency whereof is hereby acknowledged, we the said Assignors, hereby grant and assign unto the said Assignee, our entire right, title and interest in said invention and in all patent applications based thereon, including but not limited to the above identified United States Patent Application and in all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of Letters

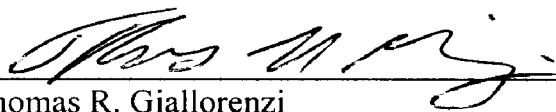
Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries; the right, power and authority to file and prosecute U.S. and foreign patent applications on said invention, and to do so in its own name wherever such right may be legally exercised, and including the right to claim the priority and benefits of the International Convention for such applications; and the right to bring actions for infringement of any right in said invention in its own name, including past infringement, in any jurisdiction.

We hereby authorize and request the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all Letters Patent on said invention to the said Assignee as the owner of our entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by us had this assignment and sale not been made.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this Assignment fully effective, including, by way of example but not of limitation, the following: prompt execution of all original, divisional, substitution, reissue, and other United States and foreign patent applications on said invention, and all lawful documents as requested by the Assignee to further the prosecution of any of such patent applications; cooperation to the best of our ability including, but not limited to, the execution of all lawful documents, the production of evidence in any actions or proceedings concerning the invention, including, but not limited to, nullification, reissuing, extension, and infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Executed this 27 day of September, 2006 at Salt Lake City  
UT (place)

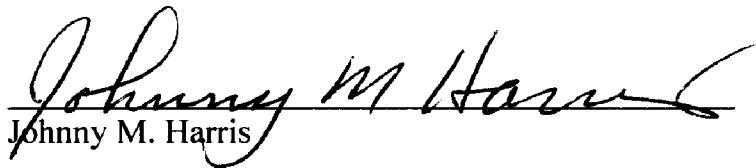
  
\_\_\_\_\_  
Thomas R. Giallorenzi

STATE OF \_\_\_\_\_)  
: ss  
County of \_\_\_\_\_)

Before me personally appeared Thomas R. Giallorenzi and acknowledged the foregoing  
instrument to be his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Notary Public

Executed this 27 day of September, 2006 at Salt Lake City  
Utah (place)


  
Johnny M. Harris

STATE OF \_\_\_\_\_ )  
: ss  
County of \_\_\_\_\_ )

Before me personally appeared Johnny M. Harris and acknowledged the foregoing  
instrument to be his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Notary Public

Executed this 27 day of September, 2006 at Salt Lake City, UT  
(place)

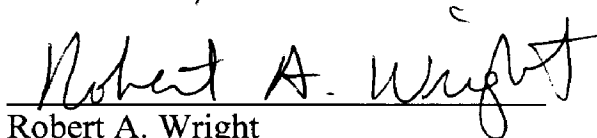
  
Sam Kingston

STATE OF \_\_\_\_\_ )  
 : ss  
County of \_\_\_\_\_ )

Before me personally appeared Sam Kingston and acknowledged the foregoing instrument to be his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

**Notary Public**

Executed this 27<sup>th</sup> day of Sept., 2006 at Salt Lake City, UT (city, state).

  
Robert A. Wright

STATE OF \_\_\_\_\_)  
: ss  
County of \_\_\_\_\_)

Before me personally appeared Robert A. Wright and acknowledged the foregoing instrument to be his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

Executed this 27 day of September, 2006 at Salt Lake City,  
Utah (place)

Larry Thomson  
Larry Thomson

STATE OF \_\_\_\_\_ )  
: ss  
County of \_\_\_\_\_ )

Before me personally appeared Larry Thomson and acknowledged the foregoing  
instrument to be his free act and deed this \_\_\_\_\_ day of \_\_\_\_\_, 2006.

\_\_\_\_\_  
Notary Public

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