

03-25-2002

cket No.: 907B.0005.U1(US)

U.S. DEPARTMENT OF COMMERCE
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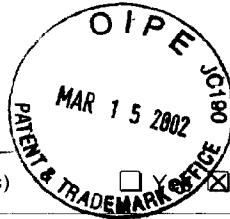
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Leon L. Nieczyporowicz
Richard B. Ertel
Thomas R. Giallorenzi
Eric K. Hall



3-15-02

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution Date: 2/25/02; 2/27/02

2. Name and address of receiving party(ies):

Name: L-3 Communications Corporation

Internal Address:

Street Address: 600 3rd Avenue

City: New York State: NY ZIP: 10016

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

4. Application number(s) or patent numbers(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)

10/037,422

03/20/2002 BABRAHA1 00000033 10037422

01 FC:581

40.00 OP

Additional numbers attached? ☐ Yes ☒ No

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

Name: Harry F. Smith

Internal Address: Harrington & Smith, LLP

Street Address: 1809 Black Rock Turnpike

City: Fairfield State: CT ZIP: 06432

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☐ Authorized to be charged to deposit account

8. Deposit account number:

50-1924

(Attach duplicate copy of this page if paying by deposit account)

9. 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.

Harry F. Smith

Name of Person Signing

Signature

March 6, 2002

Date

Total number of pages including cover sheet, attachments, and document:

4

Mail documents to be recorded with required cover sheet information to:
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Washington, D.C. 20231

PATENT
REEL: 012697 FRAME: 0324

For ☒ U.S. and/or ☒ Foreign Rights
For ☒ U.S. Application or ☐ U.S. Patent
For ☐ PCT Application
By Single or Multiple Inventors

ASSIGNMENT OF INVENTION

Docket No. 907A.0005.U1(US)

in accordance with an agreement between ASSIGNEE and ASSIGNOR, if one name be listed below, or ASSIGNORS, if more than one name be listed below, and for good and valuable consideration,

(1) ASSIGNOR (inventor):

FULL NAME OF ASSIGNOR	LAST NAME Nieczyporowicz	FIRST NAME Leon	MIDDLE INITIAL L.
RESIDENCE & CITIZENSHIP	STATE OR COUNTRY Texas	CITIZENSHIP USA	
POST OFFICE ADDRESS	P.O. ADDRESS 1515 Summerside Drive	CITY & STATE Allen, Texas 75002	

(2) ASSIGNOR (inventor):

FULL NAME OF ASSIGNOR	LAST NAME Ertel	FIRST NAME Richard	MIDDLE INITIAL B.
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(3) ASSIGNOR (inventor):

FULL NAME OF ASSIGNOR	LAST NAME Giallorenzi	FIRST NAME Thomas	MIDDLE INITIAL R.
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POST OFFICE ADDRESS	P.O. ADDRESS 7794 West Mountain Top Road	CITY & STATE Riverton, Utah 84065	

(4) ASSIGNOR (inventor):

FULL NAME OF ASSIGNOR	LAST NAME Hall	FIRST NAME Eric	MIDDLE INITIAL K.
RESIDENCE & CITIZENSHIP	STATE OR COUNTRY Utah	CITIZENSHIP USA	
POST OFFICE ADDRESS	P.O. ADDRESS 4108 South 900 East	CITY & STATE Holliday, Utah 84124	

hereby sell(s), assign(s) and transfer(s) to

ASSIGNEE:

**L3 Communications Corporation
600 3rd Avenue
New York, New York 10016**

and the successors, assigns and legal representatives of the ASSIGNEE

X the entire right, title and interest

for the United States and its territorial possessions

X and in all foreign countries, including all rights to claim priority

in and to any and all improvements which are disclosed in the invention entitled:

**Spreading Code Hopping for Synchronous DS-CDMA System to Mitigate Interference
Effects**

which is found in

X U.S. patent application No. **10/037,422** filed on **October 24, 2001**.

X and any legal equivalent thereof in a foreign country,
including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention, the above application, or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or re-examination thereof.

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I (We) have hereunto set hand and seal

(3) Leon L. Nieczyporowicz
Assignor Name

[Signature]
Signature

2/25/02
Date

(2) Richard B. Ertel
Assignor Name

Richard B Ertel
Signature

2-27-02
Date

(3) Tom R. Giallorenzi
Assignor Name

[Signature]
Signature

2/27/02
Date

(4) Eric K. Hall
Assignor Name

Eric K. Hall
Signature

2-27-02
Date