04-02-2004

RI U.S. DEPARTMENT OF COMMERCE Form PTO-1595 102719781LY U.S. Patent and Trademark Office (Rev. 10/02) OMB No. 0651-0027 (exp. 6/30/2005) To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 3.29.84 2. Name and address of receiving party(ies) Name: L-3 Communications Michael L. Wilson Merle L. Keller Internal Address: _____ Vaughn L. Mower Kent R. Bruening Additional name(s) of conveying party(les) attached? Yes V No 3. Nature of conveyance: ✓ Assignment Merger Street Address: 600 Third Avenue Change of Name Security Agreement Other City: New York State: NY Zip: 10016 March 09, **Execution Date:** Additional name(s) & address(es) attached? Yes V 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: 3/9/04 B. Patent No.(s) A. Patent Application No.(s) Atty Docket: 400.0010.U1(US) Additional numbers attached? Yes 🗸 No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41).....\$40 Name: ✓ Enclosed Internal Address: Authorized to be charged to deposit account 8. Deposit account number: Street Address:____ City: State: Zip: DO NOT USE THIS SPACE 9. Signature. Lesley Leonessa Name of Person Signing Total number of pages including cover sheet, attachments, and documents: Mail decuments to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments

Washington, D.C. 20231

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PATENT REEL: 015159 FRAME: 0585

For $\underline{\mathbf{x}}$ U.S. and/or $\underline{\mathbf{x}}$ Foreign Rights For X U.S. Application or U.S. Patent For _ PCT Application By Multiple Inventors

ASSIGNMENT OF INVENTION

Docket No. 400.0010.U1(US)

In accordance with an agreement between ASSIGNEE and ASSIGNOR, and for good and valuable consideration,

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PATENT REEL: 015159 FRAME: 0586 hereby sells, assigns and transfers to

ASSIGNEE:

L-3 Communications

600 Third 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

 \mathbf{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:

SYSTEM AND METHOD FOR MULTI-PHASE COMPOSITE PN CODE GENERATION

which is found in

- **X** U.S. patent application executed on even date herewith
- <u>x</u> 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 hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants 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 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.

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	March 9, 2004	e hereunto set hand and seal this (Date of Signing).
	/	Midrael & Wilson Signature
_11,	in witness whereof,	I have hereunto set hand and seal this (Date of Signing).
(2)	Merle L. Keller	Mule L. Kellu Signature
111	Parch 9. 2004	(Date of Signing).
<u>(3)</u>	Vaughn L. Mower	Vaugh & Mower Signature
200	4 MAR OG	(Date of Signing).
(4)	Kent R. Bruening	Kent R. Bruening. Signature

 $_$ _ Notarization or Legalization Page Added

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RECORDED: 03/29/2004

PATENT REEL: 015159 FRAME: 0588