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Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 Please record the attached document

22390 U.S. PTO
10/914554



1. Name of conveying party(ies): (1) Osama Sami Haddadin (2) Brad Terry Hansen (3) L. Andrew Gibson, Jr. (4) Roland Richard Harris Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): Name: L-3 Communications Corporation Address: 600 Third Avenue City: New York State: NEW YORK ZIP Code: 10016 Country: USA Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: (1), (3) and (4) June 23, 2004 (2) June 24, 2004			
4. Application number(s) or patent number(s): Filed Herewith If this document is being filed together with a new application, the execution date of the application is: <u>June 23, 2004 and June 24, 2004</u> A. Patent Application No.(s): B. Patent No.(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Geza C. Ziegler, Jr. Address: Perman & Green, LLP 425 Post Road City: Fairfield State: CT ZIP Code: 06824		6. Total number of applications and/or patents involved: 1 7. Total fee (37 CFR 3.41):\$40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Charge deposit account <input checked="" type="checkbox"/> Please charge any fee deficiency to deposit account 8. Deposit account number: <u>16-1350</u>	
DO NOT USE THIS SPACE			
9. Statement And Signature: <i>To the best of my knowledge and belief, the foregoing information is true and Correct and, the attached document is either an original document or a true copy of the original document.</i> <div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p><u>Geza C. Ziegler, Jr.</u> Name of Person Signing</p> </div> <div style="width: 30%; text-align: center;"> Signature </div> <div style="width: 30%; text-align: right;"> <p><u>August 9, 2004</u> Date</p> </div> </div> <div style="display: flex; justify-content: space-between; margin-top: 10px;"> <div style="width: 40%;">Customer No.: 2512</div> <div style="width: 55%;">Total number of pages including cover sheet(s):</div> </div>			

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**Assignment of Rights, Title and Interest in Invention
(Multiple inventors; single assignee)**

Docket No.
528-011212-US (PAR)

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified Assignee;

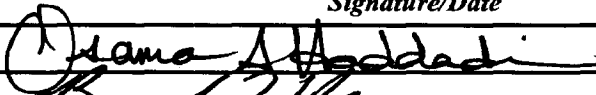

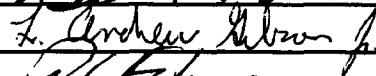

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said Invention, said application(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto said Assignee;

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications for foreign patents, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

Inventors' Signatures (if Notarization is desired, do not sign here and proceed to next page)

Name	Signature/Date
Osama Sami Haddadin	 6/23/04
Brad Terry Hansen	 6/24/04
L. Andrew Gibson, Jr.	 6/23/04
Roland Richard Henrie	 6/23/04