FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

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Mail documents to be recorded with required cover sheet(s) information to: Commissioner of Patents and Trademarks, Box Assignments , Washington, D.C. 20231

PATENT

REEL: 012083 FRAME: 0751

FORM PTO-1619C Expires 06/30/99 OMB 0651-0027

RECORDATION FORM COVER SHEET CONTINUATION PATENTS ONLY

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Application N	City State/Country Zip C umber(s) or Patent Number(s) Mark if additional numbers attached	.ode
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PATENT REEL: 012083 FRAME: 0752

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Page 2

U.S. Department of Commerce Patent and Trademark Office PATENT

CMB 003 POOZ				
Correspondent Name and Address Area Code and Telephone Number 304-243-2471				
Name Jerry Miller				
Address (line 1) National Technology Transfer Center (NTTC)				
Address (line 2) Wheeling Jesuit University				
Address (line 3) 316 Washington Avenue				
Address (line 4) Wheeling, WV 26003				
Pages Enter the total number of pages of the attached conveyance document including any attachments.				
Application Number(s) or Patent Number(s) Mark if additional numbers attached				
Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).				
Patent Application Number(s) Patent Number(s)				
5,949,740 6,064,630				
If this document is being filed together with a <u>new</u> Patent Application, enter the date the patent application was Month Day Year signed by the first named executing inventor.				
Patent Cooperation Treaty (PCT)				
PCT PCT PCT PCT				
Enter PCT application number only if a U.S. Application Number PCT PCT PCT				
only if a U.S. Application Number PCT				
Number of Properties Enter the total number of properties involved. # 2				
Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 80.00				
Method of Payment: Enclosed Deposit Account X Deposit Account				
(Enter for payment by deposit account or if additional fees can be charged to the account.) Deposit Account Number: # 090825				
Authorization to charge additional fees: Yes No				
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. Charges to deposit account are authorized, as indicated herein.				
Patrisha A. Davis Water Signature Date				
Name of Person Signing Signature Date				

PATENT

REEL: 012083 FRAME: 0753

PATENT ASSIGNMENT

WHEREAS, Litton Systems, Inc., a Delaware corporation ("Assignor"), having offices located at 21240 Burbank Boulevard, Woodland Hills, California 91367-6698, is the owner of the United States Patents set forth on Exhibit "A" attached hereto and made a part hereof; and

WHEREAS, National Technology Transfer Center, a unit of Wheeling Jesuit University, an educational non-profit corporation duly organized and existing under the laws of the State of West Virginia ("Assignee"), having offices located at 316 Washington Avenue, Wheeling, West Virginia 26003, is desirous of acquiring the entire right, title and interest in the patent set forth in Exhibit "A";

NOW, THEREFORE, Assignor hereby assigns, transfers and conveys to Assignee all right, title and interest in and to the patents set forth on Exhibit "A" including, without limitation, all reissues, divisions, continuations, extensions and reexaminations of the patents of Exhibit "A" that may be secured under the laws of the United States now or hereafter in effect and including the subject matter of all claims, which may be obtained therefrom and the inventions underlying the patents of Exhibit "A", together with all income, royalties or payments due or payable as of the effective date of this Assignment or thereafter, including all claims for damages by reason of past, present or future infringement or other unauthorized use of the patents of Exhibit "A" and the inventions underlying the patents, with the right to sue for, and collect the same for its own use and enjoyment.

Assignor authorizes and requests the United States Commissioner of Patents to record Assignee as assignee of the entire right, title and interest in and to the patents set forth in Exhibit "A" for sale, use or enjoyment of Assignee.

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> PATENT REEL: 012083 FRAME: 0754

IN WITNESS WHEREOF, the undersigned has caused this Assignment to be signed and executed by the undersigned officer as of the 17 day of July, 2001.

Litton Systems, Inc.

By: Assistant Secretary

State of California SS: County of Los Angeles

On this 23 day of July, 2001, Scot R. Hewitt personally appeared before me and known to me to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity and that by his signature on the instrument the person or entity upon behalf of which the person acted, executed the instrument.

DAWN HROMADKA Commission # 1201249

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EXHIBIT A

PATENT NUMBER 5,949,740	DATE 09/07/1999	PATENT TITLE Unbalanced fiber optic Michelson interferometer as an optical pick-off
6,064,630	05/16/2000	Sensor with an optical interferometric pick-off

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RECORDED: 08/10/2001

PATENT REEL: 012083 FRAME: 0756