· 6-21-06

FORM PTO-1595 (Rev. 6-04)

06-27-2006

U.S. DEPARTMENT OF COMMERCE

OMB No. 0651-0027 (ex	φ. 6/30/2005)	United States Patent and Trademark Omi					
·	xp. 6/30/2003)	: T NG(NSD)7967					
	103264	4577					
To the Dire	ector of the U.S. Patent and Trademark Office: Pleas	se record the aπacrieu documents or the new address(es) below.					
	ying party(ies)/Execution Date(s):	2. Name and address of receiving party(ies)					
Yaujen Wang Brendan J.D. Irwin		Name: Litton Systems, Inc.					
Raj K. Shori	l de la companya de	<u> </u>					
		Internal Address:					
Execution Date(s) Jun.	19, 2006, Jun. 20, 2006, Jun. 19, 2006						
· · · · —	onveying party(ies) attached? ☐ Yes ☒ No	Street Address: 21240 Burbank Blvd.					
3. Nature of conve							
	☐ Merger	City: Woodland Hills					
☐ Security Agreem☐ Government Interest		State: California					
	r 9424, Confirmatory License	Country: USA Zip: 91367-6675					
☐ Other	5424, Committeery Licenses						
		Additional name(s) & address(es) attached? ☐ Yes ☒ No					
4. Application or p	patent number(s):	This document is being filed together with a new application.					
A. Patent Application	on No.(s)	B. Patent No.(s)					
23/2006 DTESSEM1 0000)0080 1147 192 6 \						
FC:8021	40.00 0P Additional numbe	ers attached? ☐ Yes No					
5 Name and addi	ress to whom correspondence	6. Total number of app <u>lications and patents</u>					
	ment should be mailed:	involved: 1					
	her P. Harris	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00					
Internal Address:	Tarolli, Sundheim, Covell & Tummino,	☐ Authorized to be charged by credit card					
L <u>LP</u>		☐ Authorized to be charged to deposit account					
Street Address: 1	300 East Ninth Street, Suite 1700						
		⊠ Enclosed					
City: <u>Cleveland</u>		☐ None required (government interest not affecting title)					
State: Ohio	Zip: <u>44114</u>	8. Payment Information					
	(216) 621-2234 ext. 104	a. Credit Card Last 4 Numbers					
Phone Number:		Expiration Date					
Fax Number:	(216) 621-4072	b. Deposit Account Number					
Email Address:	charris@Tarolli.com	·					
		Authorized User Name Christopher P. Harris					
9. Signature:	Ohn P. C	6-21-06 Date					
	Signature	Date					
Christopher P	Harris, Reg. No. 43,660	Total number of pages including cover					

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O. Box 1450, Alexandria, V.A. 22313-1450

Name of Person Signing

PATENT

sheet, attachments, and documents:

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REEL: 018020 FRAME: 0840

ASSIGNMENT

ACCIGINITION
WHEREAS, we, Yaujèn Wang, Brendan J. D. Irwin and Raj K. Shori , hereinafter referred to as Assignor have invented certain new and useful improvements in SENSOR SYSTEM WITH MODULAR OPTICAL TRANSCEIVERS
described in an application for United States Letters Patent, executed by me on the date as stated below;
WHEREAS, Litton Systems, Inc., a Delaware corporation, having its principal place of business at 21240 Burbank Blvd., Woodland Hills, California 91367-6675, hereinafter referred to as Assignee, is desirous of acquiring the entire right, title and interest in, to and under said improvements and said application:
NOW, THEREFORE, in consideration of Assignor's obligations to Litton Systems, Inc., and for other good and valuable consideration, the receipt and sufficiency is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, Assignor's entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals, continuations, and continuations-in-part thereof, and all United States Letters patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, including the full right to claim for any such application the priority benefits of the International Convention for the Protection of Industrial Property and other priority-conferring treaties, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, divisions, continuations, continuations-in-part, renewals and reissues thereof; and Assignor hereby authorizes and requests the Commissioner of Patents and Trademarks of the United States, and any official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said Assignee, its successors, legal representatives and assigns, in accordance with the terms of this instrument;
Assignor hereby acknowledges that at the time of making the improvements herein identified, Assignor was under an obligation to assign to Assignee, Assignor's entire right, title and interest in, to and under said improvements;
Assignor hereby covenants that Assignor has full right to convey the interest herein assigned, and that Assignor has not executed, and will not execute, any agreement in conflict herewith and that Assignee, Litton Systems, Inc., its successors, assigns and other legal representatives shall have the right to hold and enjoy for its and their own use and benefit, to the end of the term or terms for which such Letters Patent shall or may be granted, reissued or extended as fully and completely as the same right or could have been held and enjoyed by Assignor had this Assignment not been made.
Assignor hereby further covenants and agrees to communicate to Assignee, its successors, legal representatives and assigns, any and all facts known to Assignor respecting said improvements; to promptly provide Assignor with all documents relating to said improvements, said invention, and said Letters Patent as may be known or accessible to Assignor; to testify as to the same in any interference or litigation or other legal proceedings related thereto; to sign all lawful papers, execute all extensions, continuations, continuations-in-part, divisional and reissue applications; and to make all rightful oaths or declarations and generally do everything possible to aid Assignee, its successors, legal representatives and assigns in obtaining and enforcing all the rights herein conveyed for said improvements in all countries without further compensation, but at the expense of Assignee, its successors, legal representatives and assigns.
IN WITNESS WHEREOF, the undersigned has executed and delivered this instrument this 19th day of
Yaujen Wang
STATE OF) ss COUNTY OF)
On
WITNESS my hand and official seal

Notary's Signature

(Seal)

PATENT REEL: 018020 FRAME: 0841

IN WITNESS WHERE 2006, and has	OF, the under executed the r	ersigned has ex referenced patent	ecuted and deapplication on the	elivered this inst e <u>2014</u> day of	rument this	2014	day of , 2006.
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				Bren	dan J.D. Irwin		_
STATE OF)		•				
) ss						
COUNTY OF	_)					•	
A. Carlotte and Ca							•
On before more	в,				·	personally	appeared
Brendan J.D. Irwin, personally k name(s) is/are subscribed to this capacity(ies), and that by his/he person(s) acted, executed the ins	s instrument an er/their signatur	nd acknowledge to	o me that he/she	Vithey executed th	ie same in his	:/her/their :	hazirodtus
WITNESS my hand and official se	eal				•	•	
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Notary's Signature		_	•	•	:		
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June 2006, and has	OF, the unde	ersigned has ex eferenced patent (ecuted and de application on the	livered this instruction (9 ⁴⁴) day of	ument this	19#	_ day of .2006.
				Raj K	. Shori		
STATE OF	1						
COUNTY OF							
	_						
On before me Raj K. Shori, personally known to	me - or - pro	oved to me on the	basis of satisfa	ctory evidence to	be the person	n(e) whose	/a\ama/a\
s/are subscribed to this instruntations apacity(ies), and that by his/helemon(s) acted, executed the inst	nent and ackr r/their signature	nowledge to me	that he/she/the	v executed the	same in his/	her/their a	uithorized
WITNESS my hand and official se	al						
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Notary's Signature		-					
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