Form PTO-1595 (Rev. 07/05)

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04-05-2007



U.S. PTO 11/726202 03/06/2007

U.S. DEPARTMENT OF COMMERCE **United States Patent and Trademark Office**

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ì	RECORDATION FORM COVER SHEET PATENTS ONLY							
	To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.							
4	1. Name of conveying party(ies)	2. Name and address of receiving party(ies)						
0	Linda J. Mullen	Name: The U.S. of America as represented by the						
2	Alan E. laux Brandon Conchenour	Internal Address: Secretary of the Navy						
3.6.07	Additional name(s) of conveying party(ies) attached? Yes No							
	3. Nature of conveyance/Execution Date(s):	Street Address: 875 N. Randolph Road						
	Execution Date(s) March 1, 2007	· · · · · · · · · · · · · · · · · · ·						
	Assignment Merger Security Agreement Change of Name	City: Arlington						
	Security Agreement Change of Name							
	Joint Research Agreement	State: VA						
	Government Interest Assignment Executive Order 9424, Confirmatory License	Country: <u>USA</u> <u>Zip:22203-1995</u>						
	Other	Additional name(s) & address(es) attached? ☐ Yes ✓ No						
	4. Application or patent number(s):	document is being filed together with a new application.						
	A. Patent Application No.(s)	B. Patent No.(s)						
04/04/2007 01 FC:8021	1	11/126202						
	Additional numbers attached? ☐ Yes ✓ No							
	5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1						
	Name:Office of Counsel, Code 11.0 Patents	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00						
	Internal Address:NAWCAD	Authorized to be charged by credit card						
		Authorized to be charged by credit card Authorized to be charged to deposit account						
	Chanal Address Did. 40E Suite A	Enclosed						
	Street Address: Bldg 435, Suite A	None required (government interest not affecting title)						
	City: Patuxent River	8. Payment Information						
	State: MD Zip:20670-1550	a. Credit Card Last 4 Numbers Expiration Date						
	Phone Number:301-757-0582							
	Fax Number: 301-342-1840	b. Deposit Account Number 500938						
	Email Address: mark:@ivt@navy.mil	Authorized User Name Mark O. Glut						
	9. Signature:	3/1/2007						
	Signature	Date						
	Mark O. Glut Name of Person Signing	Total number of pages including cover sheet, attachments, and documents:						

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

REEL: 019137 FRAME: 0568

ASSIGNMENT	OF INV	ENTION							
WHEREAS, I (we)	LINDA J.	MULLEN, A	ALAN E.	LAUX,	AND BRAI	NDON CONC	HENOUR	
while employed by the 0 made an invention entitle	Government ed IMAGE MEDTA		States of Am FOR DETEC	nerica, he "TING AI	reinafter ND IDE1	referred to	as the Gove OBJECTS I	nment h N TURB	aye
identified as Navy Case America executed by m	No. 97951	l	and describ 2007	ed in app		for Letters P ; and	atent of the	United St	ates of
WHEREAS, the Paragraph 1(a) of Execu									
WHEREAS, the disclosed in said applicate benefits herein granted;	ition within tl								
WHEREAS, as	to foreign riç	ghts, the Gove	mment desir	res an op	tion to of	btain such ri	ghts;		
NOW, THEREF which is hereby acknow Secretary of the Navy th territories and possessic substitution thereof, and application and Letters F the end of the term for w by me (us) had this assign	ledged, I (we be entire righ ons, and the such Letter Patent to be which said Le	e) hereby assignt, title, and interesting entire right, titles Patent as make the Uretters Patent m	gn and trans erest in and t le, and intere ay issue ther lited States o	ifer to the to said invest in and refrom and of Americ	United Section was to said any reinal as represented to the said and t	States of Amvithin the Unapplication a issue or extense to by resented by	nerica as reprinted States of the control of the co	resented of America inuation, o eof, said i ry of the N	by the a, its division or invention, Navy to
I (We) do hereb invention and all patent a of America within eight in such option to be exercis countries in which the Gi invention; and that the rig nonexclusive, irrevocable on the invention in any for and/or in furtherance of the I (We) hereby fur-	applications, nonths of the sed by a write overnment we ghts in the foe, royalty-free preign count the foreign p	patents and of the filing date of the notification will file or cause oreign countries license to the ry, including the colicies of the coto make, exect	other forms of any application to me (us) to be filed a sonot exercise Government. Sovernment.	of protection for Unwithin such an application application and the same subsection to the force of the same subsection and the	on thereconited State cheight in ation for the opti patent o licenses	on in countri tes Letters F months iden patent or ott ion are left to or other form s for use in b ment, any a	es foreign to Patent coveri- tifying the sp her form of po me(us) sub of protection behalf of the (the Unite ing the invocation rotection oject to a in which m Governments, docume	ed States vention; eign on the nay issue ent
affidavits, statements, or continuation, division or sto assist the Governmen through such efforts will it	substitution of the substi	of the applicati ay in protecting	on, or any ap the invention	pplication	for reiss	sue or exten	sion of said I	Letters Pa	atent, and
IN TESTIMONY	WHEREOF	, I (we) have s	et my (our) l	hand(s) a	ind affixe	ed my (our) :	seal(s).		
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3/1/2007	(date)	-	·						·

NAVONR 5870/34 (Rev. 6-97)

Previous issues of this form are obsolete.

ASSIGNIVIENT OF INVENTION
WHEREAS, I (we)LINDA J. MULLEN, ALAN E. LAUX, AND BRANDON CONCHENOUR
while employed by the Government of the United States of America, hereinafter referred to as the Government have made an invention entitled IMAGE ENHANCER FOR DETECTING AND IDENTIFYING OBJECTS IN TURBID MEDIA
identified as Navy Case No. 97951 and described in application for Letters Patent of the United States of
America executed by me (us) on MARCH 1, 2007 ; and
WHEREAS, the conditions under which the invention was made are such as to entitle the Government under Paragraph 1(a) of Executive Order 10096 to the entire right, title, and interest therein, including foreign rights; and
WHEREAS, the Government is desirous of obtaining the entire right, title and interest in and to the invention disclosed in said application within the United States of America, its territories and possessions and other rights and benefits herein granted; and
WHEREAS, as to foreign rights, the Government desires an option to obtain such rights;
NOW, THEREFORE, in consideration of the premises and other good and valuable consideration the receipt of which is hereby acknowledged, I (we) hereby assign and transfer to the United States of America as represented by the Secretary of the Navy the entire right, title, and interest in and to said invention within the United States of America, its territories and possessions, and the entire right, title, and interest in and to said application and any continuation, division or substitution thereof, and such Letters Patent as may issue therefrom and any reissue or extensions thereof, said invention, application and Letters Patent to be held by the United States of America as represented by the Secretary of the Navy to the end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me (us) had this assignment not been made.
I (We) do hereby also grant unto the Government, the option to take the entire right, title, and interest in and to the invention and all patent applications, patents and other forms of protection thereon in countries foreign to the United States of America within eight months of the filing date of any application for United States Letters Patent covering the invention; such option to be exercised by a written notification to me (us) within such eight months identifying the specific foreign countries in which the Government will file or cause to be filed an application for patent or other form of protection on the invention; and that the rights in the foreign countries not exercised under the option are left to me(us) subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent or other form of protection which may issue on the invention in any foreign country, including the power to issue sub-licenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.
I (We) hereby further agree to make, execute, and deliver to the Government, any and all papers, documents, affidavits, statements, or other instruments that may be necessary in the prosecution of the application and of any continuation, division or substitution of the application, or any application for reissue or extension of said Letters Patent, and to assist the Government in every way in protecting the invention as may be requested, provided that any expense arising through such efforts will be paid by the Government.
IN TESTIMONY WHEREOF, I (we) have set my (our) hand(s) and affixed my (our) seal(s).
3.1.2007Seal
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(date) 3/1/2007
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PATENT REEL: 019137 FRAME: 0570