Form	PTO-1595	(Rov.	03-09)
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RECORDATION FORM COVER SHEET ARL 08-20						
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Leonid A. Beresnev Mikhail A. Vorontsov	Name: _The United States of America as represented by the					
	Internal Address: <u>Secretary of the Army</u>					
Additional name(s) of conveying party(les) attached? Yes X No						
3. Nature of conveyance/Execution Date(s):	Street Address: 101 Army Pentagon					
Execution Date(s) 3/1/2011 Assignment Merger	MARKET TO THE RESIDENCE OF THE PROPERTY OF THE					
Security Agreement Change of Name	City: Washington					
Joint Research Agreement	State: DC					
Government Interest Assignment	Country: USA Zip: 20310					
Executive Order 9424, Confirmatory License						
Other	Additional name(s) & address(es) attached? Yes X No					
4. Application or patent number(s): A. Patent Application No.(s) 13/037,763 Additional numbers at	document is being filed together with a new application. B. Patent No.(s) ached? Yes X No.					
5. Name and address to whom correspondence	6. Total number of applications and patents					
concerning document should be mailed:	involved: 1					
Name: U.S. Army Research Laboratory	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00					
Internal Address: Attn: RDRL-LOC-I/Guy M. Miller						
	X Authorized to be charged to deposit account					
Street Address: 2800 Powder Mill Road	Enclosed					
4.05	None required (government interest not affecting title)					
City: Adelphi	8. Payment Information					
State: Maryland Zip: 20783	·					
Phone Number: 301-394-3791	Denogii Appount Number 19 220					
Fax Number: 301-394-3972	Deposit Account Number19-2201					
Email Address: quy,m.miller@us.army.mil	Authorized User Name Guy M. Miller					
9. Signature: Jan Mules	3-2-11					
Guy M. Miller, Reg. No. 32,333 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 (671) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1460

ASSIGNMENT AND AGREEMENT

Title of Invention: COMPACT FIBER OPTIC POS	ITIONER WIT	H WIDE FREQU	JENCY BANDWIDTH				
Inventor(s): Leonid A. Beresnev, Mikhail A. Vorontsov							
Date Declaration Executed: 3/1/2011							
*Application Serial No.: 13/037,763	*Filing Date:	3/1/2011	Docket No.: ARL 08-20				
(*I (We) herby authorize the application serial number and filing date of said application be added when known.)							
I, the undersigned inventor, in consideration of the rights of the Government of the United States acquired by virtue of circumstances under which the above-identified invention was made, hereby:							
1. Assign to the Government of the United States, as represented by the Scoretary of the Army, my entire right, title, and interest throughout the United States, its Territories, Possessions, and Puerto Rico, in and to the above-entitled invention and application for patent and all Letters Patent issuing thereon, and any continuation or division of said application and any reissue or extension of said Letters Patent.							
2. Agree to assign to the Government upon its request, title and interest in the invention in those foreign countries in which the Government, within eight months of the filing of the United States application for patent, determines to cause an application to be filed; provided that if the Government determines not to cause an application to be filed in any particular foreign country or fails to make such a determination, within the said eight months, all right, title and interest in the invention in such foreign country shall remain in me, subject to a nonexclusive, irrevocable, royalty-free license to the Government in any patent in which may issue on the invention in such foreign country, including the power to issue sublicenses for use in behalf of the Government and/or furtherance of the foreign policies of the Government.							
Government.							
3. Agree to provide any further information within to the prosecution of patent applications on the inversecording of title to patent applications and patents.	intion, the pros	ecution and settle	ny further documents necessary ement of interferences and				
3. Agree to provide any further information within to the prosecution of patent applications on the inversecording of title to patent applications and patents	intion, the pros- issuing thereon	ecution and settle	ny further documents necessary ement of interferences and 25/16/ (Last Name)				
3. Agree to provide any further information within to the prosecution of patent applications on the inve	issuing the prosissuing thereon (Middle Init	ecution and settle	ement of interferences and				
3. Agree to provide any further information within to the prosecution of patent applications on the inversecording of title to patent applications and patents. Signature of Inventor: (First name) Duty Address: Army Research Laboratory, Adelph (Locality)	ention, the pros- issuing thereon (Middle Init ii. Mc	ial)	(Last Name) Maryland (State)				
3. Agree to provide any further information within to the prosecution of patent applications on the inversecording of title to patent applications and patents. Signature of Inventor: Learned Alexage (First name) Duty Address: Army Research Laboratory, Adelph (Locality)	issuing thereon (Middle Init ii. Mo (Co	ial) intgomery ounty) onid A. Beresne	(Last Name) Maryland (State)				
3. Agree to provide any further information within to the prosecution of patent applications on the inversecording of title to patent applications and patents. Signature of Inventor: Learned Alexa (First name) Duty Address: Army Research Laboratory, Adelph (Locality) Date: March 1, 2011 Typed name of	intion, the prosissuing thereon (Middle Inition). Mo	ial) ontgomery ounty) onid A. Beresne ed)*******	(Last Name) Maryland (State)				
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3. Agree to provide any further information within to the prosecution of patent applications on the inversecording of title to patent applications and patents. Signature of Inventor: Learned Alere (First name) Duty Address: Army Research Laboratory, Adelph (Locality) Date: March 1, 2011 Typed name of the state of: Maryland State of: Maryland State of: Montgomery [place where on the above date Leonid A. Beresney known foregoing instrument duly appeared before me and	issuing thereon issuing thereon issuing thereon issuing thereon issuing thereon issuing thereon is the control of Inventor: Le tarizing preferracknowledgem own to me to be acknowledged icial scal.	ial) intgomery ounty) onid A. Beresne red)******* ent is taken] e the individual of to me that the sa Nadine L.	(Last Name) (Last Name) Maryland (State) ev				
3. Agree to provide any further information within to the prosecution of patent applications on the inversecording of title to patent applications and patents. Signature of Inventor: Learned Alere (First name) Duty Address: Army Research Laboratory, Adelph (Locality) Date: March 1, 2011 Typed name of the state of: Maryland State of: Maryland State of: Montgomery [place where on the above date Leonid A. Beresney known foregoing instrument duly appeared before me and	issuing thereon issuing thereon issuing thereon issuing thereon issuing thereon issuing thereon is the control of Inventor: Le tarizing preferracknowledgem own to me to be acknowledged icial scal.	ial) intgomery ounty) onid A. Beresne red)******* tent is taken! to me that the sa Nadine L. typewritten name	(Last Name) Maryland (State) We described in and who executed the time as his own free act and deed.				

ARL Form - Assignment Domestic Rights and Agreement to Assign Foreign Rights

PATENT REEL: 025899 FRAME: 0995

Signature of Inventor: Millail First name)	t Vorunt (Middle Initial)	(Last Name)					
Duty Address: Army Research Laboratory, Adelph (Locality)	(County)	Maryland (State)					
Date: 03/01/201/ Typed name of Inventor: Mikhail A. Vorontsov							
********(notarizing preferred)******							
State of: Maryland SS. County of: Montgomery [place where acknowledgement is taken]							
On the above date Mikhail A. Vorontsov known to me to be the individual described in and who executed the foregoing instrument duly appeared before me and acknowledged to me that the same as his own free act and deed. In witness whereof I hereunto set my hand and official scal.							
Nadine L. Loman (Printed or typewyliten name of notary public)							
	Jadur	Lena					
(SEAL)	(Signature of notary public) My Commission expires on	February 27, 2015					