Form PTO-159\$ (Rev. 03-09) DMB No. 0651-0027 (exp. 03/31/2009)	- 2009 U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office			
To the Director of the U.S. Patent and madernals Office: Please	7775 se record the attached documents or the new address(es) below.			
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)			
	Name: please see attachment			
akharov, Vyacheslav Konstantinovich	Internal Address:			
additional name(s) of conveying party(ies) attached? Yes X No				
3. Nature of conveyance/Execution Date(s):	Street Address:			
Execution Date(s) 15 January 2009				
Assignment Merger	City:			
Security Agreement Change of Name Joint Research Agreement	State:			
Government Interest Assignment Executive Order 9424, Confirmatory License	Country:Zip:			
Other	Additional name(s) & address(es) attached? X Yes No			
4. Application or patent number(s): A. Patent Application No.(s)	document is being filed together with a new application. B. Patent No.(s)			
US 12/085,607	APR 22			
Additional numbers a	ttached? Yes XNo			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:			
Name: Aleksandr Smushkovich	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00			
Internal Address:	,			
Street Address: POB 140505	Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)			
City: Brooklyn	8. Payment Information			
State: NY Zip: 11214	_			
Phone Number: 718-373-6191	Democit Appayent Number			
Fax Number:	Deposit Account Number			
Email Address: alexpatentagent@gmail.com /	Authorized User Name 48.88 4			
9. Signature: Signature Signature	20-April-2009 Date			
Aleksandr Smushkovich, US Patent Agent #56,997 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

ATTACHMENT TO THE RECORDATION FORM COVER SHEET FOR ASSIGNMENT OF U.S. PATENT APPLICATION 12/085,607

#2 Name and address of receiving parties:

Name of 1st Receiving Party: FEDERALNOE GOSUDARSTVENNOE UCHREZHDENIE
'FEDERALNOE AGENTSTVO PO PRAVOVOI ZASCHITE REZULTATOV INTELLEKTUALNOI
DEYATELNOSTI VOENNOGO, SPETSIALNOGO I DVOINOGO NAZNACHENIYA' PRI MINISTERSTVE
YUSTITSII ROSSIISKOI FEDERATSII (FEDERAL STATE INSTITUTION "FEDERAL AGENCY FOR LEGAL
PROTECTION OF THE RESULTS OF INTELLECTUAL ACTIVITY WITH MILITARY, SPECIAL AND DUAL
PURPOSES" AT THE MINISTRY OF JUSTICE OF RUSSIAN FEDERATION) – 50%

Address of I'	Receiving Party: ul.	Vorontsovo Pole 4a,	Moscow GSP 10	9028, Russia

Name of 2nd Receiving Party: ZAKRITOE AKTZIONERNOE OBSCHESTVO 'TSENTR 'VOSPI' (VOSPI Center CJSC (Closed Stock Company)) – 50%

Address of 2nd Receiving Party: ul. Obrucheva, 52, Moscow 117393, Russia

Signature

Date: 20-April-2009

ALEKSANDR SMUSHKOVICH U.S. Patent Practitioner Registered by U.S. PTO#56997

> PATENT REEL: 022581 FRAME: 0942

ASSIGNMENT OF INVENTION, PATENT AND/OR PATENT APPLICATION

For value received,

Inventor's Name: Sakharov, Vyacheslav Konstantinovich

Inventor's Address: Sumskoi proezd, 2-6-11, Moscow, 113587, Russian Federation

hereinafter referred to as ASSIGNOR, hereby sells, assigns, transfers, and sets over unto

FEDERALNOE GOSUDARSTVENNOE UCHREZHDENIE 'FEDERALNOE AGENTSTVO PO PRAVOVOI ZASCHITE REZULTATOV INTELLEKTUALNOI DEYATELNOSTI VOENNOGO, SPETSIALNOGO I DVOINOGO NAZNACHENIYA' PRI MINISTERSTVE YUSTITSII ROSSIISKOI FEDERATSII (FEDERAL STATE INSTITUTION "FEDERAL AGENCY FOR LEGAL PROTECTION OF THE RESULTS OF INTELLECTUAL ACTIVITY WITH MILITARY, SPECIAL AND DUAL PURPOSES" AT THE MINISTRY OF JUSTICE OF RUSSIAN FEDERATION).

having Address: ul. Vorontsovo Pole 4a, Moscow GSP 109028, Russia

and its successors or assigns, hereinafter referred to as FIRST ASSIGNEE

50 % (fifty percent), and

ZAKRITOE AKTZIONERNOE OBSCHESTVO 'TSENTR 'VOSPI' (VOSPI Center CJSC (Closed Stock Company)),

having Address: ul. Obrucheva, 52, Moscow 117393, Russia

and its successors or assigns, hereinafter referred to as SECOND ASSIGNEE

50 % (fifty percent)

of the following:

(A) ASSIGNOR'S right, title, and interest in and to the invention entitled:

"CONTROLLABLE OPTICAL MULTIPLEXER" invented by ASSIGNOR;

(B) the declaration for the United States patent application therefor, signed by ASSIGNOR on

27 day of May month of __2008_ year, having

the following U.S. Patent and Trademark (U.S. PTO) Serial Number: 12/085607,

PATENT REEL: 022581 FRAME: 0943 filed in the U.S. PTO on the following Filing Date: 28 May 2008;

- (C) any patent or reissue of a patent that may be granted thereon;
- (D) any applications, which are continuations, continuations-in-part, substitutes, and divisions of said application.

ASSIGNOR authorizes and requests the Commissioner for Patents to issue any resulting patent(s) as follows:

50 % to FIRST ASSIGNEE (the singular shall include the plural and vice-versa herein) and

50 % to SECOND ASSIGNEE (the singular shall include the plural and vice-versa herein).

ASSIGNOR hereby further sells, assigns, transfers, and sets over unto FIRST ASSIGNEE and SECOND ASSIGNEE, collectively called ASSIGNEE, the above percentage of ASSIGNOR'S entire right, title, and interest in and to said invention in each and every country foreign to the United States; and ASSIGNOR further conveys to ASSIGNEE the above percentage of all priority rights resulting from the above-identified application for United States patent. ASSIGNOR agrees to execute all papers, give any required testimony and perform other lawful acts, at ASSIGNEE'S expense, as ASSIGNEE may require to enable ASSIGNEE to perfect ASSIGNEE'S interest in any resulting patent of the United States and countries foreign thereto, and to acquire, hold, enforce, convey, and uphold the validity of said patent and reissues and extensions thereof, and ASSIGNEE'S interest therein.

In testimony whereof ASSIGNOR has hereunto set its hand and seal on the date below.

ASSIGNOR'S signature:

(Sakharov, Vyacheslav Konstantinovich)

Date: 15 January 2009

PATENT
RECORDED: 04/22/2009 REEL: 022581 FRAME: 0944