Form PTO-1595 (Rev. 6-12)
DMB No. 0651-0027 (exp. 04/30/2

01/10/2018



UNITED STATES PARTMENT OF COMMERCE United States Patent and Trademark Office

1/10/18 1036787	33 JAN 10 2018
To the Director of the U.S. Pa	
Name of conveying party(ies) Mikhail Borisov, Aleksey Shamaev, Dmitry Chelyubeev, Vitaly Chemik, and Peter Mikheev	2. Name and address of receiving party(les) Name: Vadim Rakhovsky Internal Address:
Additional name(s) of conveying party(ies) attached? Yes No. 3. Nature of conveyance/Execution Date(s): Execution Date(s) December 14, 2017	Street Address: 3 Redburn Ct.
	City: Rockville
Government Interest Assignment Executive Order 9424, Confirmatory License	State: MD Country: USA Zip:20850
Other	Additional name(s) & address(es) attached? Yes No
A. Patent Application No.(s) 15/473363 filed on March 29, 2017	document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s) ached? Yes XNo
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Alexander Shkolnik	7. Total fee (37 CFR 1.21(h) & 3.41) \$40.00
Street Address: 485 Dartmouth Avenue	□ Authorized to be charged to deposit account □ Enclosed □ None required (government interest not affecting title)
City: San Carlos	8. Payment information
State:CA Zip94070	
Phone Number: 650-412-0002 Docket Number:	Deposit Account Number
Email Address: alex@interpat.com	Authorized User Name
9. Signature: Light Signature	December 14, 2017 Date
Mikhail Borisov Name of Person Signing Documents to be recorded (including cover shee	Total number of pages including cover sheet, attachments, and documents: 2 th should be faxed to (571) 273-0140, or mailed to:

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PATENT REEL: 045044 FRAME: 0547

ASSIGNMENT OF INVENTION AND PATENT APPLICATION

For value received, we: MIKHAIL BORISOV of 75 Krasnobogatyrskaya Street, Bldg. 1. #22% Moscow 107076. Russia: ALEKSEY SHAMAEV of 65 Prospect Vernadskogo #47, Moscow 119415, ussia: DMITRY CHELYUBEEV of 2 Markova Street #22. Dmitrov 141800. Russia; VITALY CHERNIK of 4 Bulyar Zelyeny #92, Omsk 644000, Russia; and PETER MIKHEEV of 13a Valdaisky. Proezd, Bldg. 1, #149, Moscow 125445, Russia (hereinatter referred to as ASSIGNORS), hereby sell, assign, transfer, and set over unto VADIM RAKHOVSKY of 3 Redburn Ct., Rockville 20850. MD, USA, and his successors or assigns (hereinafter ASSIGNEE) 100% of the following: (A) our right, title and interest in and to the invention entitled "A System and Method for Generating a Lithographic Image with the Use of a Reflective Concave Curvilinear Surface and a Digital Hologram in a Converging Reflected Beam" invented by ASSIGNORS; (B) Non-Provisional US Patent Application, Serial Number 15/473363 filed with the US Patent and Trademark Office Serial, Filed on March 29, 2017; (C) any patent that may be granted thereon; and (D) any applications which are continuations, continuations-in-part, substitutes, or divisions of said applications. ASSIGNORS authorize and request the Commissioner of Patents and Trademarks to issue any resulting patent(s) as follows: 0% to ASSIGNORS; 100% to ASSIGNEE (VADIM RAKHOVSKY).

ASSIGNORS hereby further sell, assign, transfer and set over unto ASSIGNEE, the above percentage of ASSIGNORS' entire right, title, and interest in and to said invention in each and every country foreign to the United States; and ASSIGNORS further convey to ASSIGNEE the above percentage of all priority rights resulting from the above-identified application of the United States patents. ASSIGNORS agree to execute all papers, give any required testimony, and perform any other lawful acts, at ASSIGNEE'S expense, as ASSIGNEE may require to enable ASSIGNEE to perfect ASSIGNEE'S interests 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 interests therein.

In testimony whereof ASSIGNORS have hereunto set their hands on the date below:

Mikhail Borisov

Aleksey Shamaev

Dmitry Chelyubeev

Vitaly Chernik

Peter Mikheev

Date: December 14, 2017

PATENT REEL: 045044 FRAME: 0548

RECORDED: 01/10/2018