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RECORDATIC



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PATENTS ONLY

To the Director of the US Patent and Trademark Office: Please record documents or the new address(es) below.

1. Name of conveying party(ies):
Serguei Koulikov
Bruce A. Richman
Dmitri Davydov

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

Name: Picarro, Inc.

Street address: 480 Oakmead Parkway

City: Sunnyvale

State: CA

Zip: 94085

Country: USA

Additional name(s) and address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Assignment

Joint Research Agreement

Security Agreement

Government Interest Assignment

Merger

Executive Order 9424m Confirmatory License

Change of Name

Other

Execution Date(s): February 20, 2007

4. Application or patent number(s):

A. Patent Application No.(s)

B. Patent No.(s)

C. Agent Ref No.(s)

PCR-145B/US

This document is being filed together with a new application.

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: LUMEN Intellectual Property Services, Inc.

Street address: 2345 Yale Street, Second Floor

City: Palo Alto

State: CA

Zip: 94306

Country: USA

Phone No.: 650-424-0100

Fax No.: 650-424-0141

Email: admin@lumen.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41): \$ 40

Authorized to be charged by credit card

8. Payment Information:

a. Credit Card Last 4 Numbers: 9737

Credit Card Expiration Date: 10/2009

9. Signature:

Signature

Robert Lodenkamper

Printed Name

Robert Lodenkamper

Date

2/21/07

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, VA 22313-1450.

PATENT

REEL: 019020 FRAME: 0605

1/23/2007 HDEBTAL1 00000054 11/708994

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FC:8021

ASSIGNMENT

WHEREAS, I/WE:

Serguei Koullkov, a citizen of Russia, residing at 2255 Showers Dr. #391, Mountain View, CA 94040, USA

Bruce A. Richman, a citizen of USA, residing at 955 Azure Street Apt 4, Sunnyvale, CA 94087, USA

Dmitri Davydov, a citizen of Canada, residing at 6 Macassa Circle, Kanata, Ontario K2T1J7, Canada

1) For valuable consideration, the receipt and adequacy of which receipt is acknowledged, I/we, the above-named Assignor(s), each sell and assign to Picarro, Inc., a corporation having a place of business at 480 Oakmead Parkway, Sunnyvale, CA 94085, USA and having corporate powers under the laws of Delaware, hereinafter Assignee, the entire right, title and interest in and to the invention or inventions as described in US Patent Application, PCR-145B/US, entitled Optical System Including a Weak Lens and a Beam Translation Plate for Selectively Coupling to the Lowest Order Mode of an Optical Resonator

filed herewith and naming Assignor(s) as inventor(s), and to any and all applications for patent and patents in any and all countries relating to said invention(s), including all divisions, continuations, reissues and extensions thereof, and including all domestic and foreign rights of priority resulting from the filing of said US patent application.

2) I/we hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment, and that at the time of execution and delivery of this assignment, I/we are the sole lawful owner(s) of the entire right, title and interest in and to said invention(s).

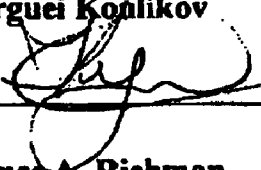
3) I/we hereby agree that Assignee may apply for foreign patents relating to said invention(s) and irrevocably authorize Assignee and grant Assignee the sole right to do so.

4) I/we agree that on request and without further consideration, but at the expense of Assignee, I/we will sign all lawful papers, make all rightful oaths, and testify in any legal proceedings relating to said invention(s), and generally aid Assignee, or its successors, assigns, or nominees, to obtain and enforce proper patent protection for said invention(s) in any and all countries.

5) I/we authorize and request any official whose duty it is to issue patents to issue any patent on said invention(s) or resulting therefrom to Assignee, or its successors, assigns, or nominees.

Inventor: **Serguei Konlikov**

Signature: _____



Date: _____

Feb 20, 2007

Inventor: **Bruce A. Richman**

Signature: _____



Date: _____

Feb 16, 2007

Inventor: **Dmitri Davydov**

Signature: _____



Date: _____

Feb. 15, 2007

Agent Reference: PCR-145B/US

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