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12-2-02

U.S. PRO
10/308541
12/02/02

To the Hon. Commissioner of



102306669

Please record the enclosed copy of an assignment document. Relevant assignment data are as follows:

1. Assignors:

Barbara Paldus

1249 Lakeside Drive, Apt. 2060
Sunnyvale, CA 94085

Jinchun Xie

19317 Sakura Way
Cupertino, CA 95014

Robert Lodenkamper

1614 Albatross Drive
Sunnyvale, CA 94087

David M. Adams

909 Washington Ave.
Ottawa, Ontario K2B 5C6
Canada

Eric Crosson

1566 Scott St., Apt. 41
San Jose, CA 95126

Alexander Katchanov

1273 Lakeside Drive, Apt. 63
Sunnyvale, CA 94085

Grzegorz Pakulski

124 Fireside Drive, RR#1, Box 235
Woodlawn, Ontario KOA 3M0

Chris W. Rella

1015 Mango Avenue
Sunnyvale, CA 94087

Bruce A. Richman

955 Azure Street, Apt. 4
Sunnyvale, CA 94087

Serguei Koulikov

889 Henderson Ave.
Sunnyvale, CA 94086

2. Assignee:

Picarro, Inc.

1050 E. Duane Ave., Suite H
Sunnyvale, CA 94085

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U.S. PATENT & TRADEMARK OFFICE

3. Execution Date of Assignment of Entire Interest in Patent Application: **11/14/2002** and **11/15/2002**

4. Execution Date of Declaration for Patent Application: **11/14/2002** and **1/15/2002**

4A. Patent Application No.: **Not Assigned**

4B. Patent Number: **Not Assigned**


5. Correspondence address: Marek Alboszta
LUMEN
45 Cabot Avenue, Suite 110
Santa Clara, CA 95051

6. Total Number of applications and Patents involved: 1

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

8. Statement and signature:

To the best of my knowledge and belief, the information contained herein is true and correct,
and any attached copy is a true copy of the original document.


Marek Alboszta
Reg. No. 39,894

Date: *2 Dec. 2002*
telephone: (408) 260-7300

Total number of pages including cover sheet, attachments, and document: 12

ASSIGNMENT

THIS ASSIGNMENT, by

**BRUCE A. RICHMAN, ALEXANDER KATCHANOV, GRZEGORZ PAKULSKI,
CHRIS W. RELLE, ROBERT LODENKAMPER, DAVID M. ADAMS, ERIC CROSSON,
BARBARA PALDUS, JINCHUN XIE, AND SERGUEI KOULIKOV**

(hereinafter referred to as the Assignors), residing at **Sunnyvale, California; Sunnyvale, California; Woodlawn, Ontario; Sunnyvale, California; Sunnyvale, California; Ottawa, Canada; Sunnyvale, California; San Jose, California; Sunnyvale, California; Cupertino, California; and Sunnyvale, California,** respectively, witnesseth:

WHEREAS, said Assignors have invented certain new and useful improvements in

LASER TUNING BY SPECTRALLY DEPENDENT SPATIAL FILTERING

for which application for Letters Patent has been executed on 11/14/02 & 11/15/02, and is attached hereto

WHEREAS,

Picarro, Inc.

(hereinafter referred to as the Assignee), a body having corporate powers under the laws of the state of **CALIFORNIA, SUNNYVALE, CALIFORNIA 94085**, is desirous of obtaining the entire right, title and interest in and to said inventions and said application for Letters Patent, and in and to any Letters Patent, United States or foreign, to be obtained therefor and thereon;

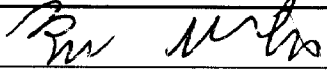
WHEREAS, said Assignors and said Assignee have executed an agreement entitled "Agreement Concerning Rights in Invention."

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and sufficient considerations, the receipt of which is hereby acknowledged:

1. The Assignors have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over unto said Assignee, the entire right, title and interest in, to and under said inventions; said application for Letters Patent; any Letters Patent which may be granted for said inventions in the United States of America and any foreign country; any division, continuation, and continuation-in-part of said application; any reissue or extension of said Letters Patent; and all rights under the International Convention for the Protection of Industrial Property; said right, title and interest to be held and enjoyed by said Assignee for its own use and behoove to the full end of the term for which Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by the Assignors, had this sale and assignment not been made.
2. Said Assignors hereby jointly and severally warrant and represent that, at the time of execution and delivery of these presents, said Assignors are the joint and lawful owners of the entire right, title and interest in and to said inventions and said application for Letters Patent, and that the same have not entered into any assignment, contract or understanding in conflict herewith.
3. Said Assignors hereby jointly and severally covenant and agree to assist and cooperate with said Assignee, whereby said Assignee may enjoy to the fullest extent said right, title and interest herein conveyed, provided, however, that the entire expense which may be incurred by said Assignors in lending such assistance and cooperation be paid by Assignee. Such cooperation shall include: (a) prompt execution of all papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee to perfect said right, title and interest herein conveyed, (b) prompt execution of all petitions, oaths, specifications, declarations and other papers (prepared at the expense of Assignee) which are deemed necessary or desirable by Assignee for filing or prosecuting in the United States or any foreign country said application, any application which is a division, continuation, or continuation-in-part of said application, any reissue application for any Letters Patent granted on said application, or for any interference proceeding involving said application or Letters Patent granted thereon; and (c) prompt assistance and cooperation in the prosecution of all legal proceedings involving said inventions, said application, or Letters Patent granted thereon, including oppositions, cancellation proceedings, priority contests, public use proceedings and court actions.

4. The terms, covenants and conditions of this Assignment shall inure to the benefit of said Assignee, its successors, assigns and/or other legal representatives, and shall be binding upon said Assignors, their heirs, legal representatives and assigns.
5. The terms, covenants and conditions of this Assignment are subject to the payment of royalty by Assignee to Assignors in accordance with the provisions of said Agreement Concerning Rights in Invention.
6. Said Assignors hereby request the Commissioner of Patents and Trademarks to issue said Letters Patent of the United States to said Assignee as the assignee of said inventions.


IN WITNESS WHEREOF said Assignors have executed and delivered this instrument on the respective dates noted below.

Date: 11/14/02 
Bruce A. Richman

State: _____ County: _____

Subscribed and sworn to before me on this _____ day of _____, 20____

Notary Public

Date: 11/14/02 
Alexander Katchanov

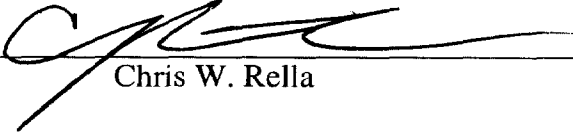
State: _____ County: _____

Subscribed and sworn to before me on this _____ day of _____, 20____


Notary Public

Date: _____ Grzegorz Pakulski
State: _____ County: _____
Subscribed and sworn to before me on this _____ day of _____, 20____

Notary Public

Date: 11-14-02 
Chris W. Rella
State: _____ County: _____
Subscribed and sworn to before me on this _____ day of _____, 20____

Notary Public

Date: 11/14/02 
Robert Lodenkamper
State: CA County: _____
Subscribed and sworn to before me on this _____ day of _____, 20____

Notary Public

Date: 11/15/02 C. Pakulski
Grzegorz Pakulski
State: _____ County: _____
Subscribed and sworn to before me on this _____ day of _____, 20____

Notary Public

Date: _____
Chris W. Rella
State: _____ County: _____
Subscribed and sworn to before me on this _____ day of _____, 20____

Notary Public

Date: _____
Robert Lodenkamper
State: _____ County: _____
Subscribed and sworn to before me on this _____ day of _____, 20____

Notary Public

Date: _____
David M. Adams
State: _____ County: _____
Subscribed and sworn to before me on this _____ day of _____, 20____

Notary Public

Date: 11/14/02 Eric
Eric Crosson
State: _____ County: _____
Subscribed and sworn to before me on this _____ day of _____, 20____

Notary Public

Date: 11/14/02 Barbara Paldus
Barbara Paldus
State: _____ County: _____
Subscribed and sworn to before me on this _____ day of _____, 20____

Notary Public

Date: Nov 15, 2002 David M. Adams
David M. Adams
State: _____ County: _____
Subscribed and sworn to before me on this _____ day of _____, 20____

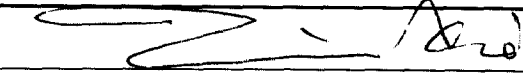
Notary Public

Date: _____
Eric Crosson
State: _____ County: _____
Subscribed and sworn to before me on this _____ day of _____, 20____

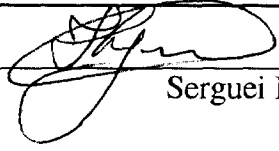
Notary Public

Date: _____
Barbara Paldus
State: _____ County: _____
Subscribed and sworn to before me on this _____ day of _____, 20____

Notary Public

Date: 11/14/02 
Jinchun Xie
State: _____ County: _____
Subscribed and sworn to before me on this _____ day of _____, 20____

Notary Public

Date: 11/14/02 
Serguei Koulikov
State: _____ County: _____
Subscribed and sworn to before me on this _____ day of _____, 20____

Notary Public