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10/922328

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

1. Name of conveying party(ies)/Execution Date(s):

1. Vladimir Lachine
2. Gregory Lionel Smith
3. Louie Lee

8-20-04

Execution Date(s) 20 August 2004

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: Silicon Optix, Inc.

Internal Address: Suite 360

Street Address: 2025 Gateway Place

City: San Jose,

State: California

Country: US Zip: 95110

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

Attorney Docket No. 2589 (12597-52)

B. Patent No.(s)

10/922328

Additional numbers attached? ☐ Yes ☒ No

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

Name: Charles E. Bruzga

Internal Address: Suite 400

Street Address: 11 Broadway

City: New York

State: NY Zip: 10004

Phone Number: 212-269-1114

Fax Number: 212-480-3008

Email Address: _____

6. Total number of applications and patents involved:

One

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers 9391
Expiration Date 04/2006

b. Deposit Account Number _____
Authorized User Name _____

9. Signature:

Charles E. Bruzga
Signature

20 August 2004

Date

Charles E. Bruzga

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

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PATENT
REEL: 015717 FRAME: 0770

ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other valuable consideration, the receipt of all of which each of us hereby acknowledges, we, **VLADIMIR LACHINE, GREGORY LIONEL SMITH and LOUIE LEE**, of 33 Isabella Street, Suite 1010, Toronto, Ontario, Canada M4Y 2P7, 19 Humbercrest Boulevard, Toronto, Ontario, Canada M6S 4K6 and 17 Dunsmore Crescent, Richmond Hill, Ontario, Canada L4C 0C4, all Canadian citizens, confirm that we have sold and assigned and do hereby sell and assign to **SILICON OPTIX INC.**, whose address is 2025 Gateway Place, Suite 360, San Jose, CA 95110 U.S.A., as assignee, all our right, title and interest for the United States, Canada and all other countries in and to the invention entitled:

**EDGE ADAPTIVE IMAGE EXPANSION AND ENHANCEMENT
SYSTEM AND METHOD**

for which a regular U.S. patent application under the above title is executed by us concurrently herewith, and all our right, title and interest in and to said applications, and in and to any divisions, continuations and continuations-in-part thereof, and in and to any further applications that may be filed for said invention or any improvements thereof, and in and to any patents that may be granted from any of said applications or for said invention or improvements thereof, including any reissues and reexaminations thereof.

We agree that we will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention and improvements thereof in any and all countries and to vest title thereto in said assignee, its successors, assigns and legal representatives or nominees.

We authorize and empower said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said invention or improvements filed by it or them, the benefit or the right of priority provided by the International Convention for the Protection of Industrial Property as amended or by any convention which may henceforth be substituted for it, and all rights provided by any other convention (including without limitation the Patent Cooperation Treaty) relating to the protection of inventions, and to invoke and claim such right of priority without further written or oral authorization from us.

EXECUTED at Toronto, Ontario, Canada, this 20th day of Aug, 2004.


Witness Mason Vakil;


Vladimir Lachine

EXECUTED at Toronto, Ontario, Canada, this 20th day of Aug, 2004.

M. W.

Witness Masoud Vakili

[Signature]
Gregory Lionel Smith

EXECUTED at Toronto, Ontario, Canada, this 20th day of Aug, 2004.

M. W.

Witness Masoud Vakili

[Signature]
Louie Lee

We accept the assignment of this invention.

EXECUTED at Toronto, Ontario, Canada, this 20th day of Aug, 2004.

M. W.

Witness Masoud Vakili,

[Signature]
SILICON OPTIX INC.
Name: Louie Lee
Title: C T O