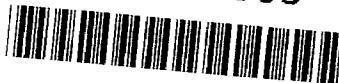


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(Rev. 10/02)

U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 5/31/2005)
U.S. DEPARTMENT OF COMMERCE

Our File No. 173-06 US

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

**Ross Mitchell
Hongmei Zhu
Yunyan Zhang
Alan Law**

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

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other:

Execution Date: **April 28, 2005**

2. Name and address of receiving party(ies)

Name: **Calgary Scientific Inc.**
Street Address: **119 14th Street NW
3rd Floor**
City: **Calgary**
Province: **Alberta**
Postal Code: **T2N 1Z6**
Country: **Canada**

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

112948 U.S. PTO
11/118366

050205

4. Application Number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: **May 2, 2005**

A. Patent Application No.(s):

B. Patent No.(s):

Additional numbers attached? ☐ Yes ☒ No

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

Name: **Freedman & Associates**
Street Address: **117 Centrepointhe Drive, Suite 350**
City: **Nepean**
Province: **Ontario**
Postal Code: **K2G 5X3**
Country: **Canada**

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) **\$40.00**

☒ Authorized to be charged to deposit account

8. Deposit account number:

50-1142

(Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature.

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

Gordon Freedman, Reg. No. 41,553

(Name of Person Signing)

(Signature)

May 2, 2005

(Date)

Total number of pages including cover sheet, attachments, and documents: 5

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

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PATENT
REEL: 016529 FRAME: 0202

**ASSIGNMENT OF INVENTION
UNIVERSAL**

WHEREAS, We

**Ross Mitchell, whose full post office address is
12 Silvergrove Place NW, Calgary, Alberta, T3B 4R3, Canada**

**Hongmei Zhu, whose full post office address is
28 Somerset Crescent, Richmond Hill, Ontario, L4C 6N4, Canada**

**Yunyan Zhang, whose full post office address is
717 Harris Place, NW, Calgary, Alberta, T3B 2V4**

**Alan Law, whose full post office address is
67- 595 Yates Road, Kelowna, British Columbia, V1V 1P8, Canada**

have invented certain improvements described in a Patent Application entitled Image Texture Segmentation Using Polar S-Transform and Principal Component Analysis filed herewith, and:

WHEREAS, Calgary Scientific Inc. (hereinafter referred to as the assignee), whose full post office address is 119 14th Street NW, 3rd Floor, Calgary, Alberta, T2N 1Z6, Canada is desirous of acquiring the entire right, title and interest in and to said invention or inventions and in and to any and all patents to be obtained therefor;

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which is hereby acknowledged, we have and by these presents do hereby sell, assign and transfer unto said assignee, its successors and assigns, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application, and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions, and any divisional, continuation, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions, in any country; and we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee.

WE FURTHER AGREE without any payment by said assignee other than expenses incurred by the undersigned, to communicate to said assignee, its representatives or agents, any facts relating to said invention or inventions, including evidence for interference purposes or for other proceedings, whenever requested; testify in any interference or other proceedings, whenever requested; and execute and deliver,

**ASSIGNMENT OF INVENTION
UNIVERSAL**

on request, all lawful papers required to make any of the foregoing provisions effective, and likewise make these provisions binding upon our heirs, legal representatives, administrators and assigns.

WITNESS:

PIERRE LEMIRE
Printed name of Witness
Pierre Lemire
Signature of Witness

Ross Mitchell Date: APRIL 28 2005
Ross Mitchell

WITNESS:

Printed name of Witness

Signature of Witness

Date:
Hongmei Zhu

WITNESS:

PIERRE LEMIRE
Printed name of Witness
Pierre Lemire
Signature of Witness

Yunyan Zhang Date: April 28, 2005
Yunyan Zhang

WITNESS:

Printed name of Witness

Signature of Witness

Date:
Alan Law

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UNIVERSAL**

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Printed name of Witness

Signature of Witness

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Printed name of Witness

Signature of Witness

Date:
Hongmei Zhu

Date: April 28, 2005

WITNESS:

Printed name of Witness

Signature of Witness

Date:
Yunyan Zhang

WITNESS:

Printed name of Witness

Signature of Witness

Date:
Alan Law

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Yunyan Zhang

Date:

Signature of Witness

WITNESS:

Printed name of Witness

Alan Law

Date: April 28, 2005

Signature of Witness