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Our File No. 50587-01 US

Form PTO-1595
(Rev. 03/01)

OMB No. 0651-0027 (exp. 5/31/2002)
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Shen-En QIAN
Allan B. HOLLINGER

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

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other: Corrective Document: Reel 014241 Frame 0132

Recordation Date: June 27, 2003

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:

A. Patent Application No.(s):
10/606,761 filed June 27, 2003

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:

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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



February 16, 2004

(Name of Person Signing)

(Signature)

(Date)

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U.S. Patent and Trademark Office

Our File No. 50587-01 US

Form PTO-1595
(Rev. 03/01)

OMB No. 0851-0027 (exp. 5/31/2002)
U.S. DEPARTMENT OF COMMERCE

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

1. Name of conveying party(ies):

Shen-En QIAN
Allan B. HOLLINGER

6-27-03

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

3. Nature of conveyance:

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

Execution Date: June 25, 2003

2. Name and address of receiving party(ies)

Name: Canadian Space Agency
 Street Address: 6767 Route de l'Aéroport
 City: St-Hubert
 Province: Quebec
 Postal Code: J3Y 8Y9
 Country: Canada

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



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

10606761

If this document is being filed together with a new application, the execution date of the application is: June 25, 2003

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 Centrepointe 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

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Gordon Freedman, Reg. No. 41,553

(Name of Person Signing)

(Signature)

June 26, 2003

(Date)

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T-616 P.004/009 F-183

Our File No. 50587-01 US

ASSIGNMENT OF INVENTION UNIVERSAL

WHEREAS, We, Shen-En QIAN and Allan B. HOLLINGER, whose full post office addresses are 1660 Salvador Crescent, Brossard, Quebec, J4X 1V2, Canada, and 144 Viewmount Avenue, Toronto, Ontario, M6B 1T7, Canada, respectively have invented certain improvements in and described in a United States Patent Application entitled Method and System for Compressing a Continuous Data Flow in Real-Time Using Recursive Hierarchical Self-Organizing Cluster Vector Quantization (HSDCVQ) filed herewith, and:

WHEREAS, Canadian Space Agency (hereinafter referred to as the assignee), whose full post office address is 6767 Route de l'Aéroport, St-Hubert, Quebec, J3Y 8Y9, 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, 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:

Guy Seguin
Printed name of Witness

[Signature]
Signature of Witness

[Signature]
Shen-En QIAN

Date: June 25, 2003

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T-516 P.005/009 F-183

JUN-25-2003 10:15

FROM-S T

WITNESS:

Gray Serwin
Printed name of Witness

[Signature]
Signature of Witness

[Signature]

Date: June 25, 2003

Allan B. HOLLINGER