

CORRECTIVE

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Form PTO-1595  
(Rev. 03/01)

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U.S. DEPARTMENT OF COMMERCE  
U.S. Patent and Trademark OfficeOMB No. 0651-0027 (exp. 5/31/2002)  
U.S. DEPARTMENT OF COMMERCE

101797142

File No. 18-33 US (2)

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

## 1. Name of conveying party(ies):

- 1) Yiyen Wu  
2) Bernard Caron

C  
44201Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☐ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☒ Other:  
☒ Corrective Document Reel # 011747 Frame # 0835

Recordation Date: April 12, 2001

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

Name: Her Majesty the Queen in  
Right of Canada as  
Represented by the Minister  
of IndustryStreet Address: Communications Research  
Centre  
PO Box 11490, Station H

City: Ottawa

Province: Ontario

Postal Code: K2H 8S2

County: Canada

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

## 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):

09/832,799 filed April 12, 2001

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)

G Fre

(Signature)

August 2, 2001

(Date)

Total number of pages including cover sheet, attachments, and documents: 2

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

FORM PTO-1619A

05-04-2001

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT**

101702218

Our File 18-33(2) US

**RECORDATION FORM COVER SHEET  
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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies)

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- ☒ New
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- ☐ Correction of PTO Error  
Reel #                      Frame #
- ☐ Corrective Document  
Reel #                      Frame #

**Conveyance Type**

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

09832799

**Conveying Party(ies)**☐ Mark if additional names of conveying parties attached

**First Party Name**                      Yian Wu

**Second Party Name**                  Bernard Caron

**Third Party Name**

**Fourth Party Name**

**Fifth Party Name**

**Execution Date**

Month	Day	Year
Apr	09	2001
Apr	10	2001

**Receiving Party**☐ Mark if additional names of receiving parties attached

**Name:**                      Her Majesty The Queen in Right of Canada as Represented by the Minister of Industry

**Address:**                      Communications Research Centre  
P.O. Box 11490, Station H

Ottawa  
City

Ontario, Canada  
State/Country

K2H 8S2  
Zip/Postal Code

**Domestic Representative Name and Address**

Gordon Freedman  
Freedman & Associates  
117 Centrepointhe Drive, Suite 350  
Nepean, Ontario  
K2G 5X3 Canada

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**PATENT**  
**REEL: 012022 FRAME: 0014**

FORM PTO-1619B

Page 2

U.S. Department of Commerce  
Patent and Trademark Office  
**PATENT****Correspondent Name and Address****Tel:** (613) 274-7272Gordon Freedman  
Freedman & Associates  
117 Centrepointe Drive, Suite 350  
Nepean, Ontario  
K2G 5X3 Canada**Pages**

Enter the total number of pages of the attached conveyance document including any attachments.

2

**Application Number(s) or Patent Number(s)**☐ Mark if additional names of receiving parties attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

If this document is being filed together with a **new** Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month	Day	Year
APRIL	09	2001

**Patent Cooperation Treaty (PCT)**Enter PCT application number only if a U.S. Application Number has not been assigned.**Number of Properties**

Enter total number of properties involved.

1

**Fee Amount**

Fee Amount for Properties Listed (37 CFR 3.41):

\$40.00

Method of Payment:

Enclosed ☐Deposit Account ☒

Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

50-1142

Authorized to charge additional fees:

Yes ☒ No ☐**Statement of 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. Charges to deposit account are authorized, as indicated herein.

Gordon Freedman, Reg. No. 41,553



April 11, 2001

Name of Person Signing

Signature

Date

18-33 US(2)

**ASSIGNMENT OF INVENTION  
UNIVERSAL**

WHEREAS, I/We Yiyen WU, and Bernard CHARON whose full post office addresses are 36 Naismith Crescent, Ottawa, Ontario, K2L 2K8, Canada, and 13 Humphrey Way, Kanata, Ontario, K2L 2S9, Canada, respectively have invented certain improvements in and described in United States Patent Application entitled Method and System for Tiered Digital Television Terrestrial Broadcasting Services Using Multi-Bit-Stream Frequency Interleaved OFDM filed herewith, and;

WHEREAS, Her Majesty The Queen in Right of Canada as Represented by the Minister of Industry (hereinafter referred to as the assignee), whose full post office address is Communications Research Centre, P.O. Box 11490, Station H, Ottawa, Ontario, Canada, K2H 8S2 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, I/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 I/we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee.

I/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 my/our heirs, legal representatives, administrators and assigns.

WITNESS:

SEBASTIEN LAFLECHE  
Printed name of Witness

[Signature]  
Signature of Witness

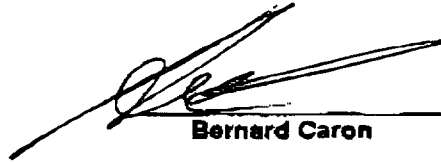
[Signature]  
Yiyen WU

Date: 9-4-01

- 2 -

WITNESS:

SÉBASTIEN LAFLECHÉ  
Printed name of Witness



Bernard Caron

Date: 10-4-2001

[Signature]  
Signature of Witness