

RE 6-7-99

06-10-1999

cket No.: K800085US

FORM PTO-1595 (Modified)  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)  
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POBA/REV02

RE



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

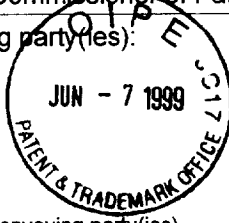
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
**Xiang WAN**  
**Marc H. MORIN**

Additional names(s) of conveying party(ies)  Yes  No



2. Name and address of receiving party(ies):  
Name: **Pixstream Incorporated**  
Address: **180 Columbia Street West, Waterloo, Ontario**  
**Canada, N2L 3L3**

City: \_\_\_\_\_ State/Prov.: \_\_\_\_\_  
Country: \_\_\_\_\_ ZIP: \_\_\_\_\_

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

3. Nature of conveyance:  
 Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: **30/12/1998**

4. Application number(s) or registration numbers(s):  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Patent Application No.	Filing date	B. Patent No.(s)
<b>09/219,424</b>		

Additional numbers  Yes  No

6. Total number of applications and patents involved: **1**

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
 Authorized to be charged to deposit account

8. Deposit account number: \_\_\_\_\_

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: **Robert P. Stratton**  
Registration No. **35,765**  
Address: **Gowling, Strathy & Henderson**  
**Commerce Court West, Suite 4900**  
**Toronto, Ontario, Canada, M5L 1J3**

City: \_\_\_\_\_ State/Prov.: \_\_\_\_\_  
Country: \_\_\_\_\_ ZIP: \_\_\_\_\_

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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.*

**Robert P. Stratton** \_\_\_\_\_ **June 3, 1999** \_\_\_\_\_  
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and **4**

MRO

Docket No.: K8000085US

FORM PTO-1595 (Modified)  
(Rev. 6-93)  
OMB No. 0651-0011 (exp. 4/94)  
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SHEET

U.S. DEPARTMENT OF COMMERCE  
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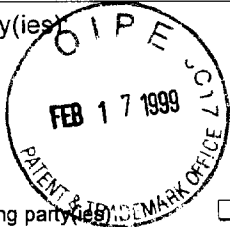
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City: \_\_\_\_\_ State/Prov.: \_\_\_\_\_

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3. Nature of conveyance:

Assignment  Merger

Security Agreement  Change of Name

Other \_\_\_\_\_

Execution Date: 30/12/1998

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Patent Application No.	Filing date	B. Patent No.(s)
02/19/1999 JSHABAZZ 00000167 071750	STRATTON R	
01 FC:581	40.00 CH	

Additional numbers  Yes  No

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

Name: Robert P. Stratton

Registration No. 35,765

Address: Gowling, Strathy & Henderson  
Commerce Court West, Suite 4900  
Toronto, Ontario, Canada, M5L 1J3

City: \_\_\_\_\_ State/Prov.: \_\_\_\_\_

Country: \_\_\_\_\_ ZIP: \_\_\_\_\_

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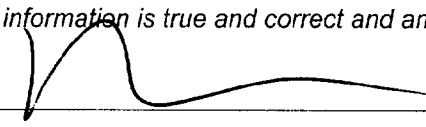
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Authorized to be charged to deposit account

8. Deposit account number: 07-1750

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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.*

Robert P. Stratton  February 16, 1999

Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and **4**

**ASSIGNMENT**

**WHEREAS, XIANG WAN and MARC H. MORIN** (hereinafter "Assignors"), whose postal addresses are 100 Seagram Drive, Apt. 230, Waterloo, Ontario, Canada, N2L 3B8, and 497 Rosemeadow Crescent, Waterloo, Ontario, Canada, N2T 2A3, respectively, invented a certain new and useful invention entitled:

**FORWARD ERROR CORRECTION AT MPEG-2 TRANSPORT STREAM LAYER**

(Attorney Docket No. K8000085US)

**WHEREAS, PIXSTREAM INCORPORATED**, (hereinafter "Assignee"), having a place of business at 180 Columbia Street West, Waterloo, Ontario, Canada, N2L 3L3, is desirous of acquiring the entire and exclusive right, title and interest in and to the said invention, said patent application and in and to any Letters Patent, re-issues and divisionals which may be granted and issued therefor in the United States of America, Canada and throughout the world.

**NOW THEREFORE**, in consideration of the sum of Ten Dollars (\$10.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, the Assignors do hereby sell, assign and transfer to the Assignee, its successors and assigns, the entire and exclusive right, title and interest in and to said invention, said patent application, including the right to file priority applications, any improvements thereto, and in and to any Letters Patent, re-issues and divisionals, which may be granted and issued therefor in the United States of America, Canada and throughout the world.

The Assignors **AGREE** to do all things reasonably required of them and to execute all instruments submitted to them by the Assignee for carrying out the full intent of

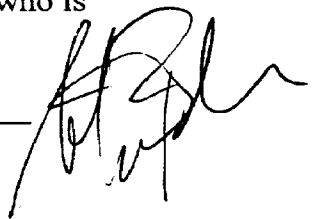
this agreement; and the Assignors hereby request and authorize the Patent Office to issue the said Letters Patent to the Assignee, its successors and assigns.

EXECUTED at Waterloo, Ont, this 30 day of December, 1998.

Xiang Wan  
Xiang Wan

STATEMENT BY WITNESS

I, Stephen Bacso, whose full post office address is 202 Lennox Cr. Kitchener, Ontario - Canada - N2N 2H9 was personally present and did see **Xiang Wan** who is known to me, execute the above Assignment.

Xiang Wan  
Signature of Witness 

EXECUTED at Waterloo, Ont., this 30 day of December, 1998.

Marc H. Morin  
Marc H. Morin

STATEMENT BY WITNESS

I, Stephen Bacso, whose full post office address is 202 Lennox Cr. Kitchener, Ontario, Canada - N2N 2H9 was personally present and did see **Marc H. Morin** who is known to me, execute the above Assignment.

Marc H. Morin  
Signature of Witness 

**NOTARIAL CERTIFICATE**

I, THOMAS ANDREW CURRIER a Notary Public in and for the Province of Ontario, duly appointed, do certify and attest that the paper writing hereto annexed is a true copy of the document produced and shown to me and purporting to be a copy of an "Assignment". This copy having been compared by me with the said original document, an act hereof being requested, I have granted my Notarial Form and Seal of Office to serve and avail as occasion shall or may require.

In testimony whereof I have subscribed my name and affixed my Notarial Seal of Office at the City of Toronto, in the Province of Ontario, this 12<sup>th</sup> day of January, 1999.



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Thomas Andrew Currier  
A Notary Public in and for the Province of  
Ontario, Canada