

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT								
NATURE OF CONVEYANCE:	ASSIGNMENT								
CONVEYING PARTY DATA									
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Feng Pan</td><td>12/10/2008</td></tr><tr><td>Jingyun Jiao</td><td>12/10/2008</td></tr><tr><td>Yang Liu</td><td>12/10/2008</td></tr></tbody></table>		Name	Execution Date	Feng Pan	12/10/2008	Jingyun Jiao	12/10/2008	Yang Liu	12/10/2008
Name	Execution Date								
Feng Pan	12/10/2008								
Jingyun Jiao	12/10/2008								
Yang Liu	12/10/2008								
RECEIVING PARTY DATA									
Name:	ViXS Systems, Inc., a Corporation								
Street Address:	1210 Sheppard Ave. E., Ste. 800								
City:	Toronto, Ontario								
State/Country:	CANADA								
Postal Code:	M2K 1E3								
PROPERTY NUMBERS Total: 1									
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12254586</td></tr></tbody></table>		Property Type	Number	Application Number:	12254586				
Property Type	Number								
Application Number:	12254586								
CORRESPONDENCE DATA									
Fax Number: (888)711-8076 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
Phone: 5122885299									
Email: khudson@texaspatents.com									
Correspondent Name: Bruce E. Stuckman									
Address Line 1: P.O. BOX 160727									
Address Line 4: Austin, TEXAS 78716									
ATTORNEY DOCKET NUMBER:	VIXS116CIP								
NAME OF SUBMITTER:	Bruce E. Stuckman, Reg.No. 36,693								
Total Attachments: 2 source=VIXS116CIP Executed Assignment#page1.tif source=VIXS116CIP Executed Assignment#page2.tif									

OP \$40.00 12254586

PATENT

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REEL: 022032 FRAME: 0520

U.S. Utility Patent Appl. Serial No.: 12/254,586U.S. Utility Patent Appl. Filing Date: 10/20/2008

U.S. Patent No.: _____

U.S. Patent Issue Date: _____

ASSIGNMENT

WHEREAS, the undersigned inventor(s), hereinafter called the "Assignors", have invented a new and useful invention entitled:

PATTERN DETECTION MODULE WITH REGION DETECTION, VIDEO ENCODING SYSTEM AND METHOD FOR USE THEREWITH

for which reference a full description is here made in an application for Letters Patent of the United States filed herewith or that was filed with the United States Patent and Trademark Office on the 20th day of October, 2008. The Assignors believe himself/herself/themselves to be the original inventor(s) of the invention disclosed and claimed in the application for Letters Patent.

WHEREAS, The entity identified immediately below having a principal office and place of business as identified, hereinafter called the "Assignee", is desirous of acquiring the entire right, title and interest in and to said invention, the application above identified, and in, to and under Letters Patent which may be obtained for said invention, as hereinafter more fully set forth;

ViXS Systems, Inc., a Corporation

1210 Sheppard Ave. E., Ste. 800

Toronto, Ontario

M2K 1E3 Canada

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for valuable legally sufficient consideration, the receipt of which by the Assignors from the Assignee is hereby acknowledged, the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors and assigns, the entire right, title and interest in and to the invention and the application herein above identified, any and all provisional patent applications from which the application claims priority, and all Letters Patents that may issue for the said invention, and all division, reissues, substitutions, continuations, and extensions thereof, to have and to hold for the sole and exclusive use and benefit of the Assignee, its successors and assigns to the full end of the term for which any and all of said Letters Patents for the said invention may issue.

FURTHER, be it known that the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors and assigns, the entire foreign rights to the invention disclosed in said application, in all countries of the world, including the right to file applications and obtain patents under the terms of the International Convention, and further agrees to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

And the Assignors do hereby covenant and agree, for themselves and their legal representatives, that they will assist the Assignee in the prosecution of the application herein

identified; in the making and prosecution of any other applications for Letters Patent that the Assignee may elect to make covering the invention herein identified, as herein before set forth, including any application for reissue, application for reexamination, application for foreign patent rights, or any proceeding in the United States Patent and Trademark Office affecting the invention, investing in the Assignee exclusive title in and to all such other applications and Letters Patent; and in the prosecution of any interference which may arise involving said invention, or any application or Letters Patents herein contemplated; that they will promptly execute and deliver to the Assignee any and all additional papers and make all lawful oaths which may be requested by the Assignee to fully carry out the terms of this assignment; and further that they will communicate to Assignee, or to its successors, assigns, and legal representatives, and facts known respecting said invention, and at the expense of the Assignee, testify in any legal proceedings, and generally do everything possible to aid the Assignee, its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

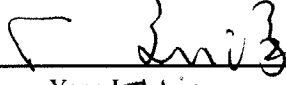
And the Commissioner of the United States Patent and Trademark Office is hereby authorized and requested to issue all Letters Patent to the Assignee in accordance with the terms of the assignment.

IN TESTIMONY WHEREOF, the Assignors have hereunto set their hands on the date indicated below. The undersigned hereby authorizes and requests the attorneys and/or agents of record in the application above identified, and in, to and under Letters Patent which may be obtained for said invention, to insert in this assignment the filing date and serial number of said application (and/or issue date and patent number of said corresponding Letters Patent) when officially known, if applicable.

Inventor(s):

 12/10/2008

 Feng Pan Date

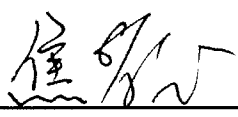
 12/10/2008

 Yang ~~Liu~~ Liu Date

 Date

 Date

 Date

 12/10/2008

 Jingyun Jiao Date

 Date

 Date

 Date

 Date