

## 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>Xin Guo</td> <td>06/13/2013</td> </tr> <tr> <td>Qi Yang</td> <td>06/13/2013</td> </tr> <tr> <td>Indra Laksono</td> <td>06/13/2013</td> </tr> <tr> <td>Xu Gang Zhao</td> <td>06/13/2013</td> </tr> </tbody> </table>		Name	Execution Date	Xin Guo	06/13/2013	Qi Yang	06/13/2013	Indra Laksono	06/13/2013	Xu Gang Zhao	06/13/2013
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Xin Guo	06/13/2013										
Qi Yang	06/13/2013										
Indra Laksono	06/13/2013										
Xu Gang Zhao	06/13/2013										
RECEIVING PARTY DATA											
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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>13933329</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13933329						
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CORRESPONDENCE DATA											
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
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NAME OF SUBMITTER:	Bruce E. Stuckman, Ph.D.										
Signature:	/Bruce E. Stuckman, Ph.D./										

Date:

07/02/2013

**Total Attachments: 5**

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Application No.: 13/933,329  
Filing Date: July 2, 2013  
Patent No.:  
Issue Date:

**ASSIGNMENT**

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

**Video processor with lossy and lossless frame buffer compression and methods 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 2nd day of July, 2013. 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 divisional, 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. Assignors further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection with any and all domestic and foreign patent applications identified herein or related to such identified patent applications in respective prosecution thereof and/or 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.

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):

Xin Guo Jun 13, 2013  
Xin Guo Date

----- Notary Use Below -----

Province of Ont

Regional Municipality of TORONTO

On June 13, 2013 personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within this instrument, personally appeared before me and acknowledged to me that he/she executed this instrument in his/her authorized capacity, and that by his/her signature, he/she or the entity upon behalf of which he/she acted, executed the instrument.

WITNESS my hand and official seal.

[Signature]

Qi Yang June 13, 2013  
Qi Yang Date

----- Notary Use Below -----

Province of Ont

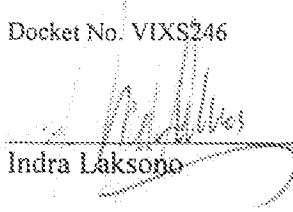
Regional Municipality of TORONTO

On June 13, 2013 personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to within this instrument, personally appeared before me and acknowledged to me that he/she executed this instrument in his/her authorized capacity, and that by his/her signature, he/she or the entity upon behalf of which he/she acted, executed the instrument.

WITNESS my hand and official seal.

[Signature]

Docket No. VIXS246

  
Indra Laksono

2013.06.13

Date

Notary Use Below

Province of Ont

Regional Municipality of TORONTO

On June, 13, 2013 personally known to me or proved to me on the basis of satisfactory evidence to be the person whose names are subscribed to within this instrument, personally appeared before me and acknowledged to me that they executed this instrument in their authorized capacity, and that by their signatures, they or the entity upon behalf of which they acted, executed the instrument.

WITNESS my hand and official seal.

  
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Xu Gang Zhao                      Jun. 15, 2013  
Xu Gang Zhao                      Date

Notary Use Below

Province of Ont

Regional Municipality of Toronto

On June, 13, 2013 personally known to me or proved to me on the basis of satisfactory evidence to be the person whose names are subscribed to within this instrument, personally appeared before me and acknowledged to me that they executed this instrument in their authorized capacity, and that by their signatures, they or the entity upon behalf of which they acted, executed the instrument.

WITNESS my hand and official seal.

Kelly Baele