

PATENT ASSIGNMENT

Electronic Version v1.1
Stylesheet Version v1.1

| SUBMISSION TYPE: | CORRECTIVE ASSIGNMENT | | | | | | | | | | |
|---|--|---------------|--------------------|---------------------|--------------------------|------------|------------|----------------|---------|--------------|---------|
| NATURE OF CONVEYANCE: | Corrective Assignment to correct the Change Assignee Name previously recorded on Reel 012029 Frame 0839. Assignor(s) hereby confirms the Assignment. | | | | | | | | | | |
| CONVEYING PARTY DATA | | | | | | | | | | | |
| <table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Indra Laksono</td><td>07/05/2001</td></tr><tr><td>Jason Chan</td><td>07/05/2001</td></tr></tbody></table> | | Name | Execution Date | Indra Laksono | 07/05/2001 | Jason Chan | 07/05/2001 | | | | |
| Name | Execution Date | | | | | | | | | | |
| Indra Laksono | 07/05/2001 | | | | | | | | | | |
| Jason Chan | 07/05/2001 | | | | | | | | | | |
| RECEIVING PARTY DATA | | | | | | | | | | | |
| <table border="1"><tr><td>Name:</td><td>VIXS SYSTEMS, INC.</td></tr><tr><td>Street Address:</td><td>245 Consumers Road, #301</td></tr><tr><td>City:</td><td>Toronto</td></tr><tr><td>State/Country:</td><td>ONTARIO</td></tr><tr><td>Postal Code:</td><td>M2J 1R3</td></tr></table> | | Name: | VIXS SYSTEMS, INC. | Street Address: | 245 Consumers Road, #301 | City: | Toronto | State/Country: | ONTARIO | Postal Code: | M2J 1R3 |
| Name: | VIXS SYSTEMS, INC. | | | | | | | | | | |
| Street Address: | 245 Consumers Road, #301 | | | | | | | | | | |
| City: | Toronto | | | | | | | | | | |
| State/Country: | ONTARIO | | | | | | | | | | |
| Postal Code: | M2J 1R3 | | | | | | | | | | |
| 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>09906908</td></tr></tbody></table> | | Property Type | Number | Application Number: | 09906908 | | | | | | |
| Property Type | Number | | | | | | | | | | |
| Application Number: | 09906908 | | | | | | | | | | |
| CORRESPONDENCE DATA | | | | | | | | | | | |
| Fax Number: (512)301-3707 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | | | | | | | | | | | |
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| Correspondent Name: Timothy W. Markison | | | | | | | | | | | |
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| Address Line 4: Austin, TEXAS 78716 | | | | | | | | | | | |
| ATTORNEY DOCKET NUMBER: | VIXS016 | | | | | | | | | | |
| NAME OF SUBMITTER: | Timothy W. Markison, Reg. 33,534 | | | | | | | | | | |
| Total Attachments: 4 source=New Assignment 016#page1.tif | | | | | | | | | | | |

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PATENT
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FORM PTO-1619A

expires 06/30/99
omb 0651-0027

08-06-2001

U.S. Department of Commerce
Patent and Trademark Office

PATENT



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07/17/01

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- ☒ Assignment ☐ Security Agreement
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Conveying Party(ies)

☐ Mark if additional name of conveying parties attachedExecution Date
Month Day Year

| | |
|---------|---------------|
| Party 1 | Indra Laksono |
| Party 2 | Jason Chan |
| Party 3 | |
| Party 4 | |
| Party 5 | |
| Party 6 | |

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| 7/5/2001 |
| 7/5/2001 |
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Receiving Party

☐ Mark if additional name of conveying parties attached

Name (line 1) ViXS, Inc.
Name (line 2)
Address 2235 Sheppard Ave East
Address Toronto Ontario M2J 5B5
City State/Country Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment)

Domestic Representative Name and Address

Enter for the first Receiving Party Only

Name Timothy W. Markison
Address (line 1) P.O. Box 342019
Address (line 2) Austin TX 78734
Address (line 3)
Address (line 4)

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Mail documents to be recorded with required cover sheet(s) information to:
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PATENT

REEL: 018906 FRAME: 0220

PATENT

Correspondent Name and Address Area Code and Telephone Number

(512) 342-0612

Name (line 1) Timothy W. Markison

Name (line 2)

Address P.O. Box 342019

Address Austin

TX

78734

City

State/Country

Zip Code

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

#

4

Application Number(s) or Patent Number(s)

☐ Mark if additional numbers attached

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

Patent Application Numbers(s)

Patent Numbers

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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

7/13/2001

Patent Cooperation Treaty (PCT) PCT

PCT

PCT

Enter PCT application number only
if a U.S. Application Number
has not been assigned.

PCT

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PCT

Number of Properties

Enter the total number of properties involved.

#

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41):

\$

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

#

50-1835

Authorization to charge additional fees:

Yes ☒No ☐

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. Charges to deposit account are authorized, as indicated herein.

Timothy W. Markison

Name of Person Signing

Signature

Date

PATENT

REEL: 018906 FRAME: 0221

ASSIGNMENT

WHEREAS, the undersigned inventors, hereinafter called the "Assignors", have invented a new and useful invention entitled:

METHOD AND APPARATUS FOR SELECTIBLE QUANTIZATION IN AN ENCODER

for which reference a full description is here made in an application for Letters Patent of the United States filed herewith.

VIXS Systems, Inc TW 2 20-2007
WHEREAS, ~~VIXS Inc.~~, a Canada company having a principal office and place of business at, 2235 Sheppard Ave East Suite 1705 Toronto, Ontario M2J 5B5 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;

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, 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.

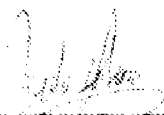
FURTHER, be it known that the Assignors have sold, assigned and transferred, and by these presents do sell, assign and transfer unto the Assignee, its successors and assigns, the entire foreign rights to the invention disclosed in said application, in all countries of the world, including the right to 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

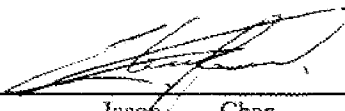
papers and make all lawful oaths which may be requested by the Assignee to fully carry out the terms of this assignment; and further that they will communicate to Assignee, or to its successors, assigns, and legal representatives, and facts known respecting said invention, and at the expense of the Assignee, 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 Patents and Trademarks 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.



Indra Laksono July 5th 2001
date



Jason Chan July 5th 2001
date

date

date

date

date