

**PATENT ASSIGNMENT**

Electronic Version v1.1  
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
Name	Execution Date
Amit Ranjan Dubey	12/12/2011
Cimarron Mittelsteadt	12/12/2011
<b>RECEIVING PARTY DATA</b>	
Name:	VIXS Systems, Inc.
Street Address:	1210 Sheppard Avenue E.
Internal Address:	Suite 800
City:	Toronto, Ontario
State/Country:	CANADA
Postal Code:	M2K 1E3
<b>PROPERTY NUMBERS Total: 1</b>	
Property Type	Number
Application Number:	13324225
<b>CORRESPONDENCE DATA</b>	
Fax Number:	(512)338-6301
Phone:	512-338-6300
Email:	kprati@ip-counsel.com
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
Correspondent Name:	Nicole Teitler Cave
Address Line 1:	ZAGORIN O'BRIEN GRAHAM LLP
Address Line 2:	7600B N Capital of Texas Hwy, Ste. 350
Address Line 4:	Austin, TEXAS 78731
ATTORNEY DOCKET NUMBER:	VIXS207US/166-0007
NAME OF SUBMITTER:	Katrina Prati
<b>Total Attachments: 3</b> source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

OP \$40.00 13324225

## ASSIGNMENT OF INVENTION

For good and valuable consideration, the receipt of which is hereby acknowledged,  
I, an ASSIGNOR named below,

Amit Ranjan Dubey of Los Angeles, CA  
Cimarron Mittelsteadt of Santa Clarita, CA

hereby sell, assign and transfer to

ASSIGNEE: ViXS Systems, Inc., an Ontario corporation, having a place of  
business at 1210 Sheppard Ave. E., Suite 800, Toronto, Ontario,  
M2K 1E3, Canada,

its successors, assigns and legal representatives, my entire right, title and interest throughout  
the world, including all rights to claim priority, in and to the invention(s) disclosed in:

- U.S. Patent Application executed on or about the date of this Assignment,
- U.S. Patent Application executed on \_\_\_\_\_, or
- U.S. Provisional Application
- U.S. Application No.: \_\_\_\_\_, filed on \_\_\_\_\_
- International Application No.: PCT/\_\_\_\_\_, filed on \_\_\_\_\_

ENTITLED: **CYCLIC PREFIX AND PRECURSOR JOINT ESTIMATION**,  
and naming as

INVENTOR(S): Amit Ranjan Dubey and Cimarron Mittelsteadt

including without limitation, my entire right, title and interest in and to any and all United  
States and foreign applications (including any and all provisional, international, regional and  
foreign national applications) for said invention(s), including divisions, continuations,  
continuations-in-part, renewals, substitutes and extensions thereof, and in and to any and all  
patents of every country or region that may be granted or have been granted for said  
invention(s), including any reissues and reexaminations thereof.

To comply with 37 C.F.R. § 3.21 for recording this Assignment, I authorize and request that  
the application number and filing date be inserted here, if not already shown above,  
( 13/324,225 , filed December 13, 2011 ) when they become known.

I authorize ASSIGNEE to apply for patents of foreign countries for said invention(s), and to  
claim all rights of priority without further authorization from me.

I agree to execute any and all papers useful in connection with any and all United States and  
foreign applications (including international, regional, and foreign national applications), and  
generally to do everything possible to aid ASSIGNEE, its successors, assigns and nominees,  
at their request and reasonable expense, in obtaining and enforcing patents for said  
invention(s) in all countries.

I hereby covenant that no assignment, sale, license, agreement, or encumbrance has been or  
will be made or entered into that would conflict with this Assignment.

ASSIGNMENT OF INVENTION

I authorize and request the Commissioner of Patents and Trademarks to issue any U.S. Letters Patent that may be granted for said invention(s) to ASSIGNEE, its successors or assigns.

Executed on DEC 12, 2011 by [Signature]  
**Amit Ranjan Dubey**

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

**ACKNOWLEDGMENT**

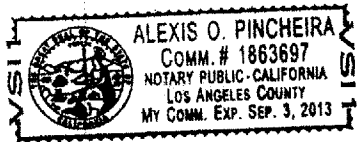
State of California  
County of Los Angeles

On 12/12/11, before me, Alexis O. Pincheira, Notary Public  
(Date) (Printed Name of Notary)

personally appeared [Signature] **Amit Ranjan Dubey**  
(Printed Name of Inventor)

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.


I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.



WITNESS my hand and official seal.

[Signature]  
Signature of Notary

ASSIGNMENT OF INVENTION

Executed on Dec 12, 2011 by   
Cimarron Mittelsteadt

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

**ACKNOWLEDGMENT**

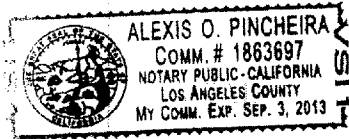
State of California )  
County of Los Angeles )

On 12/12/11, before me, Alexis O. Pincheira, Notary Public  
(Date) (Printed Name of Notary)


personally appeared \_\_\_\_\_ Cimarron Mittelsteadt \_\_\_\_\_  
(Printed Name of Inventor)

who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.



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