

PATENT ASSIGNMENT

Electronic Version v1.1
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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>David Simmonds</td> <td>09/18/2012</td> </tr> </tbody> </table> | | Name | Execution Date | David Simmonds | 09/18/2012 |
| Name | Execution Date | | | | |
| David Simmonds | 09/18/2012 | | | | |
| RECEIVING PARTY DATA | | | | | |
| Name: | ViXS Systems, Inc. | | | | |
| Street Address: | 1210 Sheppard Avenue E. | | | | |
| Internal Address: | Suite 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>13622014</td> </tr> </tbody> </table> | | Property Type | Number | Application Number: | 13622014 |
| Property Type | Number | | | | |
| Application Number: | 13622014 | | | | |
| CORRESPONDENCE DATA | | | | | |
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| ATTORNEY DOCKET NUMBER: | VIXS239US/166-0012 | | | | |
| NAME OF SUBMITTER: | Peggy S. Pepitone | | | | |
| Total Attachments: 2 source=VIXS239US_Assignment_166-0012#page1.tif source=VIXS239US_Assignment_166-0012#page2.tif | | | | | |

OP \$40.00 13622014

ASSIGNMENT OF INVENTION

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

David Simmonds of Poway, 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: **FREQUENCY MIXER WITH COMPENSATED DC OFFSET
CORRECTION TO REDUCE LINEARITY DEGRADATION**, and
naming as

INVENTOR(S): David Simmonds

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 / 622,014 , filed 18 SEP 2012) 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 18 Sept, 20 12 by D/Simmonds
David Simmonds

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

ACKNOWLEDGMENT

State of CALIFORNIA
County of SAN DIEGO

On SEPT 18, 2012, before me, GREGG MILLER ^{NOTARY PUBLIC}
(Date) (Printed Name of Notary)

personally appeared David Simmonds
(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 CALIF. that the foregoing paragraph is true and correct.

WITNESS my hand and official seal

[Signature]
Signature of Notary