

## PATENT ASSIGNMENT

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 Stylesheet Version v1.1

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>Jean-Jacques OSTIGUY</td> <td>11/06/2012</td> </tr> <tr> <td>Simon GARNEAU</td> <td>11/06/2012</td> </tr> <tr> <td>Bernard ANTAKI</td> <td>11/06/2012</td> </tr> <tr> <td>Alain CHAMPENOIS</td> <td>11/06/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jean-Jacques OSTIGUY	11/06/2012	Simon GARNEAU	11/06/2012	Bernard ANTAKI	11/06/2012	Alain CHAMPENOIS	11/06/2012
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>MATROX GRAPHICS INC.</td> </tr> <tr> <td>Street Address:</td> <td>1055 St. Regis Boulevard</td> </tr> <tr> <td>City:</td> <td>Dorval</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>H9P 2T4</td> </tr> </table>		Name:	MATROX GRAPHICS INC.	Street Address:	1055 St. Regis Boulevard	City:	Dorval	State/Country:	CANADA	Postal Code:	H9P 2T4
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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>13670587</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13670587						
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Application Number:	13670587										
CORRESPONDENCE DATA											
<p>Fax Number: 5142888389  <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 514-847-4333        Email: alexandra.daoud@nortonrose.com</p> <p>Correspondent Name: Norton Rose Canada LLP        Address Line 1: 1 Place Ville-Marie        Address Line 2: Suite 2500        Address Line 4: Montreal, CANADA H3B 1R1</p>											
ATTORNEY DOCKET NUMBER:	05202299-93US										
NAME OF SUBMITTER:	Alexandra Daoud										
<p>Total Attachments: 2        source=Assignment#page1.tif        source=Assignment#page2.tif</p>											

CH \$40.00 13670587

## ASSIGNMENT

WHEREAS, We,

**Jean-Jacques OSTIGUY** of Montreal, Quebec, Canada; **Simon GARNEAU** of Coteau-du-Lac, Quebec, Canada; **Bernard ANTAKI** of Montreal, Quebec, Canada and **Alain CHAMPENOIS** of Montreal, Quebec, Canada all with a mailing address of c/o Matrox Graphics Inc., 1055 St. Regis Boulevard, Dorval, Quebec H9P 2T4, Canada have invented certain new and useful improvements in

### MOTION-BASED ADAPTIVE QUANTIZATION

for which we have made an application for letters patent of the United States which was executed herewith.

AND WHEREAS, **MATROX GRAPHICS INC.**, 1055 St. Regis Boulevard, Dorval, Quebec H9P 2T4, Canada, hereafter "the Assignee", is desirous of acquiring the entire right, title and interest to and under said invention and any United States letters patent that may be granted for such application.

NOW, for good and valuable consideration, the receipt of which is hereby acknowledged, we do hereby assign, sell and transfer to the Assignee the entire right, title and interest in and to said invention and said application for letters patent of the United States, and in and to all divisions and continuations of said application, and in and to any letters patent of the United States and all reissues and extensions thereof that may be granted, together with all rights of priority granted by local laws and treaties including any international convention for the protection of industrial property, together with the right to extend the protection for said letters patent of the United States to the various territorial possessions now owned or which may be hereafter acquired by the United States of America, and all applications for letters patent which may hereafter be filed for said invention in any country or countries foreign to the United States, and all extensions, renewals and reissues thereof, all said rights to be held and enjoyed by the Assignee, its successors, legal representatives and assigns, to the full end of the term for which said letters patent for all such countries may be granted, as fully and entirely as the same would have been held and enjoyed by us if this assignment had not been made. I do hereby request and authorize that any and all letters patent, when granted, be issued in accordance with this assignment to the Assignee.

In further consideration of said good and valuable consideration, we covenant and agree with the Assignee that they have a full and unencumbered title to the invention hereby assigned, which title we warrant unto the Assignee, and we further agree that we will, without demanding any further consideration therefor, at the request but at the expense of the Assignee, do all lawful and just acts, including the execution and acknowledgment of instruments, furnishing of information and giving of testimony, that may be or become necessary for obtaining, sustaining, or reissuing United States and foreign letters patents for said invention, and for maintaining and perfecting the Assignee's right to said invention and letters patent, particularly in cases of interference and litigation.

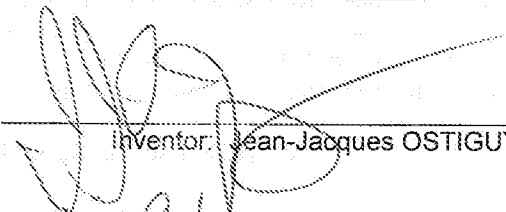
THIS ASSIGNMENT may be executed in counterparts, all of which shall be considered one and the same agreement.

PATENT

REEL: 029255 FRAME: 0146

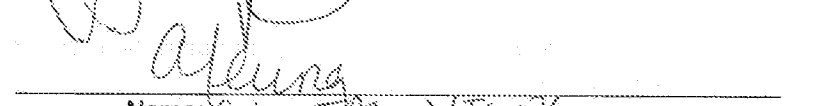
IN WITNESS WHEREOF, Assignors have hereunto signed his name on the day and year set forth below.

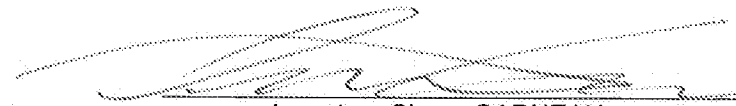
DATED this 6 day of November, 2012.



Inventor: Jean-Jacques OSTIGUY

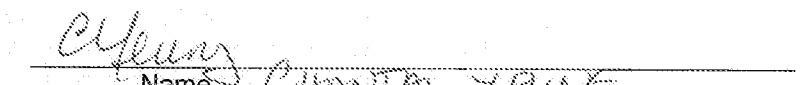
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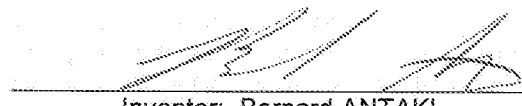
  
Name: CHANTAL YEUNG  
253 EINSTEIN, D.D.O, QC H9A 3J2  
Address



Inventor: Simon GARNEAU

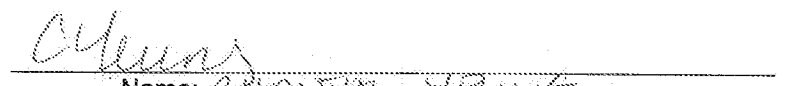
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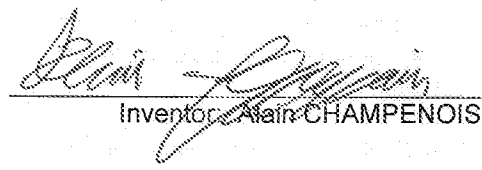
  
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Inventor: Bernard ANTAKI

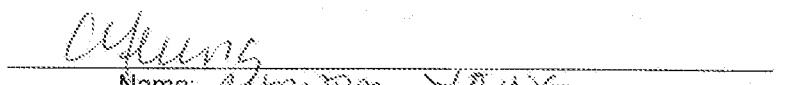
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Inventor: Alain CHAMPENOIS

Witness:

  
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