

PATENT ASSIGNMENT

Electronic Version v1.1
 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>12/04/2012</td> </tr> <tr> <td>Amir Tadros</td> <td>12/04/2012</td> </tr> </tbody> </table>		Name	Execution Date	Jean-Jacques Ostiguy	12/04/2012	Amir Tadros	12/04/2012		
Name	Execution Date								
Jean-Jacques Ostiguy	12/04/2012								
Amir Tadros	12/04/2012								
RECEIVING PARTY DATA									
<table border="1"> <tr> <td>Name:</td> <td>Matrox Graphics Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1055 Boul. St-Regis</td> </tr> <tr> <td>City:</td> <td>Dorval</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> </table>		Name:	Matrox Graphics Inc.	Street Address:	1055 Boul. St-Regis	City:	Dorval	State/Country:	CANADA
Name:	Matrox Graphics Inc.								
Street Address:	1055 Boul. St-Regis								
City:	Dorval								
State/Country:	CANADA								
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>13623865</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13623865				
Property Type	Number								
Application Number:	13623865								
CORRESPONDENCE DATA									
Fax Number: <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: 617-963-8919 Email: rdonahoe@rdiplaw.com Correspondent Name: Robert V. Donahoe Address Line 1: One Broadway, 14th Floor Address Line 4: Cambridge, MASSACHUSETTS 02142									
ATTORNEY DOCKET NUMBER:	M2053-702119								
NAME OF SUBMITTER:	Robert V. Donahoe								
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif									

OP \$40.00 13623865

ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, we, the undersigned **Jean-Jacques Ostiguy**, of **11810 Philippe Hébert, Montréal, Quebec, Canada, H3M 2M6**, and **Amir Tadros**, of **928, rue Donat-Bélisle, Laval, Quebec, Canada, H7X 4E4** hereby:

Sell, assign and transfer to **Matrox Graphics Inc.** a corporation having a place of business at **1055 Boul. St-Regis, Dorval, Quebec H9P 2T4, Canada**, its successors, assigns and legal representatives, all hereinafter referred to as said Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in an application for Letters Patent filed in the United States Patent and Trademark Office on:

September 20, 2012

under Application Serial No. 13/623,865 and

entitled **APPARATUS, SYSTEM AND METHOD FOR MEMORY MANAGEMENT**,

and in and to said application and all continuing, divisional, continuation-in-part, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said any and all inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said any and all inventions including the right to apply for patent rights in each foreign country and all rights to priority; and further including any right to sue for past infringement;

Acknowledge, affirm and agree that if our interests have already been transferred by operation of law or by agreement, e.g., employment agreement, with said Assignee that said Assignee is the owner of 100% interest in and to said applications and is the real party in interest in and to said applications;

Agree that, prior to filing said applications referenced herein, said Assignee was specifically entitled to apply for and claim priority of said applications referenced herein and was entitled to apply for and claim priority to any PCT application or foreign equivalents that claim priority to said applications referenced herein;

Agree that said Assignee may apply for and receive Letters Patent for said any and all inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said any and all inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said any and all inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent

protection for said any and all inventions and for vesting title to said any and all inventions and all applications for patents and all patents on said inventions, in said Assignee;

Agree and acknowledge that: (i) the Assignee is the real party in interest for said applications and has a sufficient proprietary interest under 35 U.S.C. §§ 115 and 118 in said applications to make an application for patent on behalf of and as an agent for me, (ii) the Assignee has the right, but is not required, to file a Substitute Statement under 35 U.S.C. § 115, and (iii) the Assignee may make such patent applications as necessary and determined solely by the Assignee to preserve the rights of the parties;

Acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, §1.56;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.

Date

12-12-4

Jean-Jacques Ostiguy

Sworn before me at: Dawson (city),

In the Province of Quebec (province/territory),

Canada Country (if applicable)

Subscribed and sworn to before me this 4th day of December 2012

SEAL

Notary Public

My Commission Expires May 22, 2013

December 4, 2012
Date

[Signature]
Amir Tadros

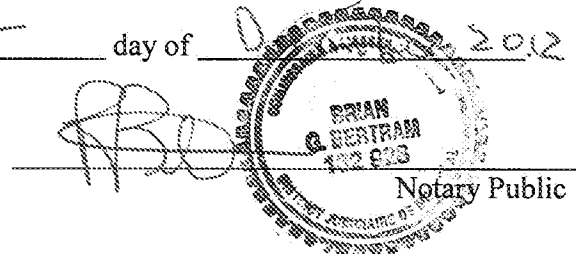
Sworn before me at: Darval (city),

In the Province of Quebec (province/territory),

Canada Country (if applicable)

Subscribed and sworn to before me this 4th day of 0 2012

SEAL



My Commission Expires May 22, 2012