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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
STEPHEN MOREIN	08/20/2003
LAURENT LEFEBVRE	08/21/2003
ANDI SKENDE	08/20/2003
ANDY GRUBER	08/20/2003

RECEIVING PARTY DATA

Name:	ATI TECHNOLOGIES ULC
Street Address:	ONE COMMERCE VALLEY DRIVE EAST
City:	MARKHAM, ONTARIO
State/Country:	CANADA
Postal Code:	L3T 7X6

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14614967

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 312-356-5094

Email: christine.wright@faegrebd.com **Correspondent Name:** CHRISTOPHER J. RECKAMP 311 S. WACKER DRIVE Address Line 1:

Address Line 2: FAEGRE BAKER DANIELS LLP

Address Line 4: CHICAGO, ILLINOIS 60606

ATTORNEY DOCKET NUMBER:	100100.760001
NAME OF SUBMITTER:	CHRISTOPHER J. RECKAMP
SIGNATURE:	/CHRISTOPHER J. RECKAMP/
DATE SIGNED:	07/18/2016

Total Attachments: 5

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PATENT APPLICATION

ASSIGNMENT OF U.S. PATENT APPLICATION

This is an assignment of patent rights between the inventor(s) Steven Morein, Laurent Lefebvre, Andy Grubers, and Andi Skende (herein after referred to as the Inventors) and ATI Technologies, Inc., having a place of business at 1 Commerce Valley Drive East, Markham, Ontario, Canada (herein after referred to as the Assignee).

WHEREAS, Inventors have caused to be prepared a United States Patent Application in the Inventors' name entitled, "A GRAPHICS PROCESSING ARCHITECTURE EMPLOYING A UNIFIED SHADER" having a docket number of 00100.02.0001 (herein after referred to as the Invention) concurrently executed herewith; and

WHEREAS, Assignee has a desire to acquire all rights, title, and interest in the Invention.

NOW, THEREFORE, the parties agree as follows:

- 1. The Inventors hereby sell, assign, and transfer its entire rights, title, and interest in the Invention and all patents that may be granted therefrom due to divisions, reissue, substitutions, extensions, continuations, and continuations-in-part to the Assignee.
- 2. The Inventors hereby sell, assign, and transfer its entire rights, title, and interest in any foreign (non U.S.) national patent application, invention registration, or equivalent (Foreign Applications), claiming approximately the same subject matter of the Invention to the Assignee.
- 3. The transfer set forth in Paragraph (2.) is in consideration for the sum of one dollar (\$1) U.S. (or its equivalent) and/or other consideration for which both parties acknowledge to be valuable, having been conveyed to the Inventors by the Assignee. Consideration may include at least one of: employment, an independent contractor agreement, monetary payment, or other benefit hereby acknowledged as received.
- 4. Inventors hereby authorize and request the Commissioner of Patents and Trademarks to issue the patent for the Invention, and all resulting patents therefrom, insofar as Inventors' interest is concerned, to the Assignee.
- 5. The Inventors further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title, and interest in the Assignee.
- 6. The Inventors hereby yet further agree to, with respect to the referenced patent application, at the expense of the Assignee:

- i) testify in any legal proceedings,
- ii) sign all lawful papers,
- iii) execute all divisional, continuation, continuation-in-part, reissue and substitute applications,
- iv) make all lawful oaths, and assist in vesting title in the Assignee and to aid the Assignee to obtain and enforce proper protection for the subject matter of the Invention in all countries, and
- v) notify Assignee promptly (by facsimile or first class mail) of any subpoena or contact by any person other than Assignee or its agents regarding the Invention or resultant patent(s) issuing therefrom, and in any event at least one week prior to any deposition, legal inquiry or legal proceeding relating to the above identified invention.

Inventor:		
Janus C	Date:	8/21/03
State/Province of:	_)	
Regional Municipality of:	_)	
Before me personally appeared said Laurent Le foregoing instrument to be his free act and deed this, 2003.	febvre and	l acknowledge the day of
Seal		
		(Notary)

Inv	Jul Skul		Date: 08 20 / 2003
	nte/Province of: egional Municipality of:	SHREWSBURY)	SS:
Bef instrument 2003.	fore me personally appeared to be his free act and deed	d said Andi Skende and a	acknowledge the foregoing,
Sea	ul		
			(Notary)

Inventor:	Date: 8/20/03
State/Province of: Alingen, Massachusetts) Regional Municipality of: USA	SS:
Before me personally appeared said Andy Gruber and a nstrument to be his free act and deed this	acknowledge the foregoing
Seal	
	(Notary)

PATENT REEL: 039180 FRAME: 0356

RECORDED: 07/18/2016