

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT3098784

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
IHAB M.A. AMER	10/24/2014
SYED HUSSAIN	10/24/2014
PING CHEN	10/24/2014
NAVEED A. GAZI	10/24/2014
KHALED MAMMOU	10/24/2014
STEPHEN BAGSHAW	10/24/2014
BENEDICT CHIEN	10/24/2014
LI BAOCHUN	10/24/2014
ZHIQI HAO	10/24/2014
LEI ZHANG	11/03/2014
RECEIVING PARTY DATA	
Name:	ATI TECHNOLOGIES ULC
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State/Country:	CANADA
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14535551
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ATTORNEY DOCKET NUMBER:	100100.130489
NAME OF SUBMITTER:	MEGHAN K COLLINS
SIGNATURE:	/MK Collins/

PATENT

DATE SIGNED:	11/07/2014
Total Attachments: 12 source=130489_ExecutedAssignment#page1.tif source=130489_ExecutedAssignment#page2.tif source=130489_ExecutedAssignment#page3.tif source=130489_ExecutedAssignment#page4.tif source=130489_ExecutedAssignment#page5.tif source=130489_ExecutedAssignment#page6.tif source=130489_ExecutedAssignment#page7.tif source=130489_ExecutedAssignment#page8.tif source=130489_ExecutedAssignment#page9.tif source=130489_ExecutedAssignment#page10.tif source=130489_ExecutedAssignment#page11.tif source=130489_ExecutedAssignment#page12.tif	

ASSIGNMENT OF PATENT RIGHTS

This is an assignment of patent rights between inventor(s) Ihab M.A. Amer, Khaled Mammou, Benedict Chien, Lei Zhang, Stephen Bagshaw, Naveed A. Gazi, Zhiqi Hao, Ping Chen, Li Baochun, and Syed Hussain (hereinafter referred to as the "Inventor(s)") and ATI Technologies ULC, having a place of business at One Commerce Valley Drive. E, Markham, Ontario, Canada (hereinafter referred to as the "Assignee").

WHEREAS, Inventor(s) are named as inventors in the patent application filed in the United States of America on November 7, 2014, entitled CONTROLLING POWER CONSUMPTION IN VIDEO ENCODING BASED ON INFORMATION REGARDING STATIC AMOUNT OF AN IMAGE FRAME, having application no. 14/535,551, and having a docket number of 130489 (hereinafter referred to as the "Application"); and

WHEREAS, Assignee has a desire to acquire all rights, title, and interest in the invention(s) disclosed in the Application (hereinafter referred to as the "Invention(s)"), including any rights, title, and interest in the Invention(s) not previously transferred to Assignee through prior agreement.

NOW, THEREFORE, the parties agree as follows:

1. To the extent that Inventor(s) are subject to a prior agreement transferring rights, title, and/or interest in the Invention(s) to the Assignee, Inventor(s) hereby confirm such transfer.
2. To the extent that Inventor(s) retain any rights, title, or interest in the Invention(s) not vested in the Assignee on the date(s) of execution of this Assignment, Inventor(s) hereby assign and otherwise transfer to the Assignee their entire right, title, and interest, throughout the world, in and to: the Invention(s), including any patent applications, patents, invention registrations, and equivalents thereof (including any and all provisional, international, regional, and national patents and patent applications, and all divisions, continuations, continuations-in-part, renewals, reissues, reexams, substitutes and extensions thereof), for the Invention(s) and all rights to claim priority thereto. Inventor(s) further assign and otherwise transfer to Assignee all causes of action and remedies arising under any patent or patent application for the Invention(s) prior to, on,

or after the date(s) of execution of this Assignment. Inventor(s) shall not be entitled to an accounting for any causes of action or remedies pursued by Assignee.

3. The transfers set forth in Paragraphs 1 and 2 above are in consideration for the sum of at least one U.S. dollar (US\$1) (or its equivalent) and/or other consideration for which both parties acknowledge to be valuable. Such consideration includes but is not limited to at least one of the following: employment, an independent contractor agreement, monetary payment, or other benefit hereby acknowledged as received.

4. Inventor(s) hereby authorize and request the Commissioner of Patents and Trademarks, or equivalent thereof, to issue the patent for the Invention, and all resulting patents therefrom, insofar as the Inventor(s)' interest is concerned, to the Assignee.

5. Inventor(s) further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect Assignee's rights, title, and interest in the Invention(s).

6. Inventor(s) hereby authorize Assignee, its successors and assigns, its legal representatives, or anyone the Assignee may properly designate, to insert in this Assignment of Patent Rights the filing date and/or application number of the Application when ascertained.

7. Inventor(s) hereby further agree to, with respect to any patent application or patent for the Invention(s), 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, reexamination, 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(s) in all countries and regions, 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.

This assignment is executed on the date(s) of which the Inventor(s) have signed.

Inventor:

Ihab M.A. Amer (Signature) October 24, 2014 (Date)
Ihab M.A. Amer (Print Name)

Province of: Ontario (Seal):
Regional Municipality of: Toronto

Before me personally appeared said Ihab M.A. Amer and acknowledged the foregoing instrument to be his/her free act and deed this 24 day of October 2014.

And (Notary)

Inventor:

[Signature] (Signature)
Syed Hussain (Print Name)

24 Oct 2014 (Date)

Province of: Ontario (Seal):

Regional Municipality of: Toronto

Before me personally appeared said Syed Hussain and acknowledged the foregoing instrument to be his/her free act and deed this 24 day of October 2014.

[Signature] (Notary)

Inventor:

Chen Ping (Signature) Oct. 24, 2014 (Date)
Ping Chen (Print Name)

Province of: Ontario (Seal):Regional Municipality of: Toronto

Before me personally appeared said Ping Chen and acknowledged the
foregoing instrument to be his/her free act and deed this 24 day of
October 2014.

Karl (Notary)

Inventor:

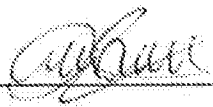
[Signature] (Signature) 24TH OCT. 2014 (Date)
Naveed A. Gazi (Print Name)

Province of: Ontario (Seal):
Regional Municipality of: Peel

Before me personally appeared said Naveed A Gazi and acknowledged the foregoing instrument to be his/her free act and deed this 24 day of October 2014.


[Signature] (Notary)

Inventor:

 (Signature) 24 October 2014 (Date)
Khaled Mammou (Print Name)

Province of: Ontario (Seal):
Regional Municipality of: Brimley

Before me personally appeared said Khaled Mammou and acknowledged the foregoing instrument to be his/her free act and deed this 24 day of October 2014.

 (Notary)

Inventor:

[Signature] (Signature) Oct 24/2014 (Date)
Stephen Bagshaw (Print Name)

Province of: Ontario (Seal):
Regional Municipality of: Toronto

Before me personally appeared said Stephen Bagshaw and acknowledged the foregoing instrument to be his/her free act and deed this 24 day of October 2014

[Signature] (Notary)

Inventor:

Benedict Chien (Signature) Oct. 24, 2014 (Date)
Benedict Chien (Print Name)

Province of: Quebec (Seal):
Regional Municipality of: Quebec

Before me personally appeared said Benedict Chien and acknowledged the foregoing instrument to be his/her free act and deed this 24 day of October 2014.

[Signature] (Notary)

Inventor:

Li Baochun (Signature) Oct 24, 2014 (Date)
Li Baochun (Print Name)

Province of:

Qinghai

(Seal):

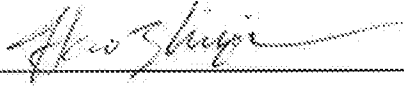
Regional Municipality of:

Tibet

Before me personally appeared said Li Baochun and acknowledged the foregoing instrument to be his/her free act and deed this 24 day of October 2014.


[Signature] (Notary)

Inventor:

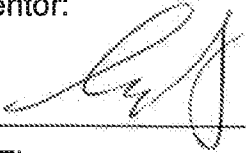
 (Signature) Oct. 28, 2019 (Date)
Zhiqi Hao (Print Name)

Province of:  (Seal):
Regional Municipality of: 

Before me personally appeared said Zhiqi Hao and acknowledged the foregoing instrument to be his/her free act and deed this 28 day of October 2019.


 (Notary)

Inventor:

 (Signature)
Lei Zhang (Print Name)

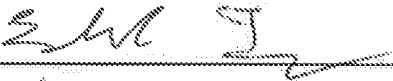
Nov 3rd, 2014 (Date)

Witness # 1:

 (Signature)
CLARENCE WU (Print Name)

Nov 3, 2014 (Date)

Witness # 2:

 (Signature)
Edmund Fong (Print Name)

Nov 3, 2014 (Date)