

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Erwin Pang	03/02/2009
RECEIVING PARTY DATA	
Name:	ATI Technologies ULC
Street Address:	1 Commerce Valley Drive East
City:	Markham, Ontario
State/Country:	CANADA
Postal Code:	L3T 7X6
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12366233
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NAME OF SUBMITTER:	Katrina Prati
Total Attachments: 2 source=Assignment-EP#page1.tif source=Assignment-EP#page2.tif	

CH \$40.00 12366233

ASSIGNMENT OF INVENTION

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

Erwin Pang of Markham, Ontario, Canada

hereby sell, assign and transfer to

ASSIGNEE: ATI Technologies ULC, a corporation of the Province of Alberta,
having a place of business at 1 Commerce Valley Drive East,
Markham, Ontario, Canada, L3T 7X6,

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.: 12/366,233, filed on February 5, 2009
- International Application No.: PCT/_____, filed on _____

ENTITLED: **ASYMMETRIC TOPOLOGY TO BOOST LOW LOAD
EFFICIENCY IN MULTI-PHASE SWITCH-MODE POWER
CONVERSION**, and naming as

INVENTOR(S): Peter T. Hardman, Erwin Pang, and Sanjiv K. Lakhanpal

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,
(12 /366,233 _____, filed February 5, 2009 _____) 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 March 2, 2009 by Erwin Pang
 Erwin Pang

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

ACKNOWLEDGMENT

W/O
EP Province
 State of ONTARIO
 County of YORK

On March 2, 2009, before me, KEVIN O'NEIL, personally appeared
 (Date) (Printed Name of Notary)

Erwin Pang, 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 Ontario Province EP that the foregoing paragraph is true and correct.

SEAL

WITNESS my hand and official seal.

Kevin O'Neil
 Signature of Notary