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Form PTO-1595
(Rev. 10/02)

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U.S. DEPARTMENT OF COMMERCE
U.S. Patent and Trademark Office

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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Haosong Fu Samir N. Hulya
Azzedine Touzni
Raghuram Behara
Ajay BhaskaranAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: ATI Technologies Inc.

Internal Address: _____

Street Address: 1 Commerce Valley Drive East

City: Markham State: Ontario Country: Canada

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other _____

Execution Date: 09/08/04

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is: 09/08/04

A. Patent Application No.(s) _____

B. Patent No.(s) _____

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Christopher J. Reckamp

Internal Address: Vedder, Price, Kaufman

& Kammholz, P.C.

Street Address: 222 N. LaSalle Street

City: Chicago State: IL Zip: 60601

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41).....\$ 40.00

☐ Enclosed☒ Authorized to be charged to deposit account

8. Deposit account number:

50-0441

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9. Signature.

Christopher J. Reckamp

Name of Person Signing

Signature

October 26, 2004

Date

Total number of pages including cover sheet, attachments, and documents: 4

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

11/03/2004 6TON11

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PATENT
REEL: 015946 FRAME: 0373

ASSIGNMENT

WHEREAS, we, Haosong FU, Azzedine TOUZNI, Raghuram BEHARA, Ajay BHASKARAN, and Samir N. HULYALKAR, whose full post office addresses are *Apt. N7, 1338 New Rodgers Road, Levittown, PA 19056, U.S.A.*; *465 N. Main Street, Doylestown, PA, 18901, U.S.A.*; *307 West Park Avenue, #4, Langhorne, PA 19047, U.S.A.*; *Neshaminy Valley Drive, Apt. #1308, Bensalem, PA 19020, U.S.A.*, and *1 Buttercup Lane, Newtown, PA 18940, U.S.A.*, have invented an invention entitled *TRELLIS DECODER FOR DECODING DATA STREAM INCLUDING SYMBOLS CODED WITH MULTIPLE CONVOLUTIONAL CODES*, for which application for a patent is about to be filed in the United States;

AND WHEREAS, *ATI Technologies Inc.*, whose full post office address is *33 Commerce Valley Drive, Thornhill, Ontario, Canada, L3T 7N6*, is desirous of acquiring an interest therein;

AND WHEREAS, the serial number and filing date of the U.S. application, when assigned, should be entered here following:

Serial No.:

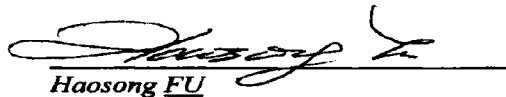
Filing Date:

NOW THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we, Haosong FU, Azzedine TOUZNI, Raghuram BEHARA, Ajay BHASKARAN, and Samir N. HULYALKAR, by these presents do sell, assign and transfer, and do hereby confirm the sale, assignment and transfer, unto *ATI Technologies Inc.* of our full, right, title and interest for the United States of America and all other countries foreign thereto, in and to the said invention, as described in the said application, the declaration for which is being signed concurrently herewith; said invention, said application, any other applications for Letters Patent for said invention, and all Letters Patent issuing from such applications, to be held and enjoyed by the said *ATI Technologies Inc.*, for its own use and benefit, and for its legal representatives, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me/us had this assignment and sale not been made.

We, Haosong FU, Azzedine TOUZNI, Raghuram BEHARA, Ajay BHASKARAN, and Samir N. HULYALKAR, undertake to sign such further documents to effect the aforesaid sale, transfer and assignment as may be required from time to time, without reimbursement, but at the expense of *ATI Technologies Inc.*.

The serial number and filing date of the said application not yet having been assigned, we, Haosong FU, Azzedine TOUZNI, Raghuram BEHARA, Ajay BHASKARAN, and Samir N. HULYALKAR, hereby authorize the entry of the serial number and filing date in the recitations of this assignment for the purposes of identification.

OCTOBER , 2004. EXECUTED at YARDLEY, PA , U.S.A., this 20 day of

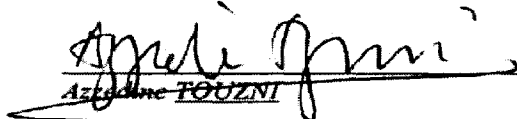

Haosong FU

I, Azzedine TOUZNI , whose full post office address is

hereby declare that I was personally present and did see Haosong FU, who is personally known to me to be the person named in the above assignment, duly sign and execute the same.


Signature of Witness

October , 2004. EXECUTED at YARDLEY , U.S.A., this 20 day of

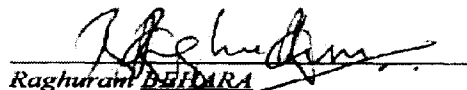

Azzedine TOUZNI

I, HAOSONG FU , whose full post office address is

hereby declare that I was personally present and did see Azzedine TOUZNI, who is personally known to me to be the person named in the above assignment, duly sign and execute the same.


Signature of Witness

October , 2004. EXECUTED at YARDLEY , U.S.A., this 20 day of


Raghuram BEHARA

I, HAOSONG FU , whose full post office address is

hereby declare that I was personally present and did see Raghuram BEHARA, who is personally known to me to be the person named in the above assignment, duly sign and execute the same.


Signature of Witness

OCT, 2004. EXECUTED at *Yardley, PA*, U.S.A., this *20th* day of

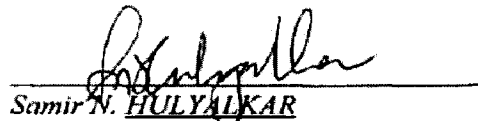

Ajay BHASKARAN

I, *HAOSONG FU*, whose full post office address is

hereby declare that I was personally present and did see *Ajay BHASKARAN*, who is personally known to me to be the person named in the above assignment, duly sign and execute the same.


Signature of Witness

Oct, 2004. EXECUTED at *Yardley, PA*, U.S.A., this *22nd* day of


Samir N. HULYALKAR

I, *HAOSONG FU*, whose full post office address is

hereby declare that I was personally present and did see *Samir N. HULYALKAR*, who is personally known to me to be the person named in the above assignment, duly sign and execute the same.


Signature of Witness