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Docket No.: PU060071

DEPARTMENT OF COMMERCE



103595528

To the Honorable Director of the United States Patent and Trademark Office, I have recorded the attached original documents or copy thereof.

1. Name of conveying party(ies):

Jiwan Dai
Glenn Lawrence Cash
Alan Jay Stein

2. Name and address of receiving party(ies):

Name: THOMSON LICENSING

Additional name(s) of
conveying party(ies)
attached:

X No

Street Address: 46 Quai A. Le Gallo
F-92100 Boulogne-Billancourt, France

3. Nature of convenience:

☒ Assignment
☐ Security Agreement
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Execution Date: 1/24/2007 & 1/26/2007

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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:

A. Patent Application No.(s): 12/226299

B.

B. Patent No.(s)

Additional numbers attached?

Yes No X

5. Name and address of party to whom correspondence
concerning document should be mailed:Name: ROBERT D. SHEDD
Internal Address: PATENT OPERATIONS
THOMSON LICENSING LLC
SUITE 200

Street or PO Address: P. O. Box 5312

City: PRINCETON State: NEW JERSEY Zip: 08543-5312

6. Total number of applications and patents involved: 1

7. Total Fee (37 CFR 3.41): \$40.00

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9. Statement and signature.

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Jeffrey M. Navon

Name of Person Signing

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April

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04/22/2010 MJAMA1 00000016 070032 12226299

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PATENT

| REEL: 024279 FRAME: 0505

**ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR
LETTERS PATENT OF THE UNITED STATES OF AMERICA**

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 3 joint inventors (if plural inventors are named below) of the inventions relating to METHOD AND APPARATUS FOR REDUCING CHANNEL CHANGE LATENCY IN A DIGITAL VIDEO APPARATUS

described in an Application for Patent filed on April 18, 2006 under Serial No. 60/792,899 and described in the file associated with Docket No. PU060071, listed above or, if not identified here by filing date and serial number or by the Docket Number listed above, executed by me on even date with my execution of this Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING, a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it.

I covenant with THOMSON LICENSING, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at

Date

Inventor (1)

JIWANG DAI

(Type or Print)

(Signature in Full. No initials.)

Post Office Address

14 ROSELAND COURT, PRINCETON JUNCTION, NJ 08550 USA

1st Witness

Tiffany Cervasio

(Type or Print)

(Signature in Full. No initials.)

2nd Witness

Pearline Moorings

(Type or Print)

(Signature in Full. No initials.)

Signed at

Date

Inventor (2)

GLENN LAWRENCE CASH

(Type or Print)

(Signature in Full. No initials.)

Post Office Address

49 LITTLE STREET, MATAWAN, NJ 07747 USA

1st Witness

Tiffany Cervasio

(Type or Print)

(Signature in Full. No initials.)

2nd Witness

Pearline Moorings

(Type or Print)

(Signature in Full. No initials.)

Signed at

Date

Inventor (3)

ALAN JAY STEIN

(Type or Print)

(Signature in Full. No initials.)

Post Office Address

9 ARNOLD DRIVE, PRINCETON JUNCTION, NJ 08550 USA

1st Witness

Tiffany Cervasio

(Type or Print)

(Signature in Full. No initials.)

2nd Witness

Pearline Moorings

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