

05-31-2006



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Docket No.: PU030150

U.S. DEPARTMENT OF COMMERCE
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PATENTS ONLY

To the Honorable Director of the United States Patent and Trademark Office Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Grass Valley (US) INC.

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

Name: Thomson Licensing

Internal Address: 46 Quai A. Le Gallo

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

X No

Street: F-92100 Boulogne-Billancourt/
France

3. Nature of conveyance:

X Assignment

Merger

Security Agreement

Change of Name

Other

Execution Date: October 18, 2005

Additional name(s) & address(es) attached?

X No

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): PCT/US04/002143

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: JOSEPH S. TRIPOLI

Internal Address: PATENT OPERATIONS
THOMSON LICENSING INC.

Street Address: P. O. Box 5312

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

6. Total number of applications and patents involved: 17. Total Fee (37 CFR 3.41): \$40.00

Enclosed

X Authorized to be charged to deposit account

8. Deposit account number:

07-0832

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9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Jorge Tony Villabon

Name of Person Signing

Signature - Reg. No. 52,322

November 7, 2005

Date

Total number of pages including cover sheet, attachments, and document 3

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PATENT
REEL: 017955 FRAME: 0046

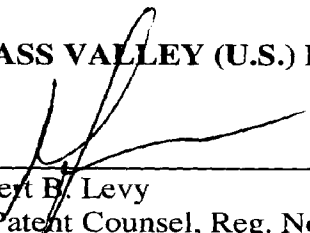
ASSIGNMENT

WHEREAS, **GRASS VALLEY (U.S.) Inc.**, a corporation of the state of Delaware USA, having offices at 400 Providence Mine Road, Nevada City, California 95959, USA, and **THOMSON LICENSING**, a corporation organized and existing under the laws of France and having offices at 46, Quai A. Le Gallo, F-92100 Boulogne-Billancourt, France, entered into an agreement calling for the assignment of certain inventions, to **THOMSON LICENSING**;

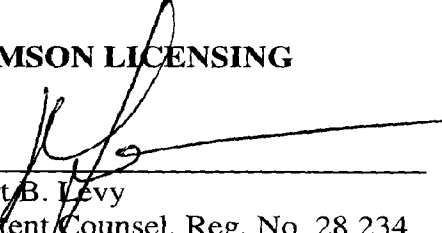
NOW THEREFORE, **GRASS VALLEY (U.S.) Inc.**, in consideration of the mutual covenants of said agreement, does hereby assign to **THOMSON LICENSING**, its successors and assigns, **GRASS VALLEY (U.S.) Inc.**'s entire right, title and interest, for all countries and states, in and to, and including any right to claim priority of:

US Provisional Application 60/469,437 filed May 9, 2003
PCT Application No. PCT/US04/002143, filed January 26, 2004
Title: LINEAR TIME CODE RECEIVER

GRASS VALLEY (U.S.) Inc.

By: 
Robert B. Levy
Sr. Patent Counsel, Reg. No. 28,234
Thomson Licensing Inc.
And Attorney in Fact for
GRASS VALLEY (U.S.) Inc.

THOMSON LICENSING

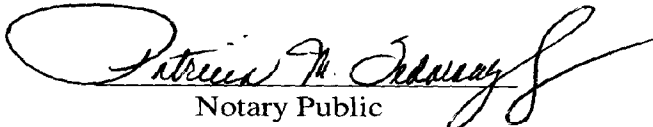
By: 
Robert B. Levy
Sr. Patent Counsel, Reg. No. 28,234
Thomson Licensing Inc.
And Attorney in Fact for
THOMSON LICENSING

NOTARIAL CERTIFICATE

State of New Jersey)
) :ss
County of Middlesex)

I do hereby certify that **GRASS VALLEY (U.S.) Inc.**, and **THOMSON LICENSING**, mentioned in the foregoing Assignment, having offices at the addresses listed above, are corporations organized and existing under the laws of the state of Delaware, USA and the country of France, and that **Robert B. Levy**, who signed the foregoing Assignment this day, is/are fully authorized to execute the document on behalf of **GRASS VALLEY (U.S.) Inc.** and **THOMSON LICENSING** respectively for this purpose.

Signed and sealed this 18TH day of OCTOBER 2005.


Notary Public

After this Assignment has been recorded please RETURN to:
Patent Operations
Thomson Licensing Inc.
PO Box 5312
Princeton, NJ 08543-5312

Rev. 07/2005

PATRICIA M. FEDOROWYCZ
NOTARY PUBLIC OF NEW JERSEY
My Commission Exp. July 23, 2008