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PU020362

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DEPARTMENT OF COMMERCE
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103051417

To the Honorable Assistant Commissioner for Patents: Pleas.

of.

1. Name of conveying party(ies):
Grass Valley (U.S.) Inc.

2. Name and address of receiving party(ies):
Name: Thomson Licensing S.A.
Internal Address:

Additional name(s) of conveying party(ies) attached: Yes No X

Street Address: 46, quai Alphonse Le Gallo
Boulogne, Cedex, France 92648

3. Nature of conveyance:
X Assignment Merger
Security Agreement Change of Name
Other

City: State: Zip:

Execution Date: January 25, 2005

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

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/US03/21059

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.

6. Total number of applications and patents involved: 5

7. Total Fee (37 CFR 3.41): \$200.00
Enclosed

Street Address: P.O. Box 5312

X Authorized to be charged to deposit account

8. Deposit account number:
07-0832

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

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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.

JOEL M. FOGELSON
Name of Person Signing

Signature - Registration No. 43,613

2/1/05
Date

Total number of pages including cover sheet, attachments, and document: 2

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PATENT
REEL: 016805 FRAME: 0987

ASSIGNMENT

WHEREAS, GRASS VALLEY (U.S.) Inc., a corporation duly organized and existing under the laws of the state of Delaware, USA, having offices at 400 Providence Mine Road, Nevada City, California 95959 USA, and THOMSON Licensing S.A.(TLSA), a French corporation having offices at 46, quai Alphonse Le Gallo, 92648 Boulogne Cedex, France, entered into an agreement calling for the assignment of certain inventions, to TLSA;

NOW THEREFORE, GRASS VALLEY (U.S.) Inc., in consideration of the mutual covenants of said agreement, does hereby assign to TLSA, 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:

PCT Application No. PCT/US03/21059, filed on 03 July 2003
Title: REAL-TIME FAIL-OVER RECOVERY FOR A MEDIA AREA NETWORK, and based on:

United States Provisional Patent Application No.:
60/400,635, filed 02 August 2002
Title: REAL-TIME FAIL OVER RECOVERY FOR USE WITH A NON-REAL-TIME OS
(PU020362)

Date: 25 January 2005

GRASS VALLEY (U.S.) Inc.

BY: Harvey D. Fried, Esq.
Manager, Patent Operations
Reg. No. 28,298

THOMSON Licensing Inc.
And Attorney in Fact for
GRASS VALLEY (U.S.) Inc.

NOTARIAL CERTIFICATE

State of New Jersey :SS
County of Middlesex

I do hereby certify that GRASS VALLEY (U.S.) Inc., having offices at 400 Providence Mine Road, Nevada City, California 95959 USA, mentioned in the foregoing Assignment, is a corporation organized and existing under the laws of the state of Delaware, and that **Harvey D. Fried**, who signed the foregoing Assignment, is fully authorized to execute the document on behalf of GRASS VALLEY (U.S.) Inc. for this purpose.

Signed and sealed the 25th day of January 2005.

Anelia F. Urban
Notary Public

ANELIA F. URBAN
NOTARY PUBLIC OF NEW JERSEY
My Commission Expires Feb. 11, 2007

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