

FORM PTO-1595
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DEPARTMENT OF COMMERCE
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102954974

To the Honorable Assistant Commissioner for Patents: Please record

1. Name of conveying party(ies):
GRASS VALLEY (U.S.) Inc.

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

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

Execution Date: MARCH 2, 2005

4. Application number(s) or patent number(s): 09/495,597

If this document is being filed together with a new application, the execution date of the application is:
A. Patent Application No.(s) 09/495,597

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

Name: THOMSON Licensing S.A.
Internal Address:

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

City: State: Zip:

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

6. Total number of applications and patents involved: 1

7. 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.

JOEL M. FOGELSON (609) 734-6809
Name of Person Signing

Signature - Registration No. 43,613

MARCH 2, 2005
Date

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

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03/07/2005 ECDUPER 00000116 070832 09495597

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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 A. Le Gallo, F92100 Boulogne-Billancourt, 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

U.S. Patent Application No. 09/495,597
Filed: February 1, 2000
Title: NORMALIZED BITMAP REPRESENTATION OF VISUAL OBJECT'S SHAPE FOR SEARCH/QUERY/FILTERING APPLICATIONS
(PU020209)

GRASS VALLEY (U.S.) Inc.

Date: March 2, 2005

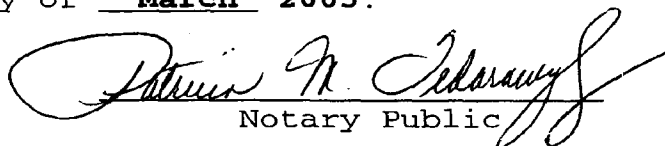
BY: 
Joel M. Fogelson
Sr. Patent Counsel
Reg. No. 43,613
Thomson Licensing Inc.
And Attorney in Fact for
GRASS VALLEY (U.S.) Inc.

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, USA, and that **Joel M. Fogelson**, 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 2nd day of March 2005.


Notary Public

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

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