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VIA EXPRESS MAIL EV 405245955 US  
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FORM PTO-1595  
Rev. 04/2003

12-29-2005

PU020471  
PTO 27 MAY 2005

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

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Execution Date November 18, 19 and 27, 2003, respectively

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/US03/37978**  
**06/03/2005 MKAYPAGH 00000075 070832 10536743**  
**06 FC:8021 40.0000**  
 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: <b>JOSEPH S. TRIPOLI</b> Internal Address: <b>PATENT OPERATIONS</b> <b>THOMSON LICENSING INC.</b>  Street Address: <b>P. O. Box 5312</b>  City: <b>PRINCETON</b> State: <b>NEW JERSEY</b> Zip: <b>08543-5312</b>	6. Total number of applications and patents involved: <u>1</u>  7. Total Fee (37 CFR 3.41): <b>\$40.00</b> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: <b>07-0832</b>
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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.*

**PATRICIA A. VERLANGIERI**  
 Name of Person Signing

*Patricia A. Verlangieri*  
 Signature - Registration No. 42,201

*May 27, 2005*  
 Date

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**PATENT**  
**REEL: 017397 FRAME: 0466**

ASSIGNMENT AND AGREEMENT

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 TWO-STAGE PROJECTOR ARCHITECTURE

and described in Docket No PUO20471 and the thereupon-based International (Patent Cooperation Treaty) Application for patent about to be filed or lately filed by said corporation naming me/us as inventor(s).

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING S.A., 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 application, and all the rights and privileges under any and all Patents 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 S.A., 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.

Form with three sections for inventor signatures. Section 1: Signed at Indianapolis, Indiana; Date 11-18-03; Inventor (1) Estill Thone Hall, Jr.; Post Office Address 7904 Dawson Drive, Fishers, Indiana 46038; Witnesses Susan Marie Schneider and Elizabeth Ann Bishop. Section 2: Signed at Indianapolis, Indiana; Date 19/May/2003; Inventor (2) Eugene Murphy O'Donnell; Post Office Address 7594 Timber Springs Drive, Fishers, Indiana 46038; Witnesses Susan Marie Schneider and Elizabeth Ann Bishop. Section 3: Signed at; Date; Inventor (3) Valter Drazic; Post Office Address 7 allée du pigeon blanc, Betton, France 35830; Witnesses.

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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.

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Form with three inventor sections. Each section includes fields for 'Signed at', 'Date', 'Inventor (1)', 'Post Office Address', '1st Witness', and '2nd Witness'. The third section contains handwritten signatures and dates.

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