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Docket No.: PF040047

FORM PTO-1595  
Rev. 01/07/2007



U.S. DEPARTMENT OF COMMERCE

Office

103541105

12-22-08

PATENT COVER SHEET  
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): <b>Jean-Luc Ricaud</b> <b>Christian Galmiche</b> <b>Philippe Arnaud</b> Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Name: <b>THOMSON LICENSING</b>  Street Address: <b>46 Quai A. Le Gallo</b> <b>F-92100 Boulogne-Billancourt, France</b>
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3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Security Agreement <input type="checkbox"/> Other Execution Date: <b>October 15, 16 and Sept. 24, 2008</b>	Additional name(s) & address(es) attached? <input type="checkbox"/> No <input checked="" type="checkbox"/> No
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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): <b>11/084,658</b>  Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> X	B. Patent No.(s)   Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> X
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5. Name and address of party to whom correspondence concerning document should be mailed: Name: <b>JOSEPH J. LAKS</b> Internal Address: <b>PATENT OPERATIONS</b> <b>THOMSON LICENSING LLC</b> <b>SUITE 200</b> Street or PO 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: <b>1</b>  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

Reg. No. 42,201

*Dec 18, 2008*  
 Date

Total number of pages including cover sheet, attachments, and document 7  
 Total no. of pages above

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Mail documents to be recorded with this sheet to:

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 Director of the United States Patent and Trademark Office  
 P. O. Box 1450  
 Alexandria, Virginia 22313-1450

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12/23/2008 DBYRNE 00000043 070832 11084658  
 61 FC:8021 40.00 DA

PATENT  
 REEL: 022053 FRAME: 0331

40E

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS Jean-Luc RICAUD, 105 Route de Biviers, F-38330 St Ismier, FRANCE, Christian GALMICHE, 8 Chemin de la Reine Blanche, F-21130 Auxonne, FRANCE, Philippe ARNAUD, 12 Lotissement les Tilleuls, F-21490 Bellefond, FRANCE, hereinafter referred (collectively) to as the assignor, have invented a certain improvement relating to

**ELECTRON GUN FOR CATHODE-RAY TUBE WITH IMPROVED BEAM SHAPING REGION**

for which said assignor has caused an application for United States Letters Patent to be prepared,

- ( ) the inventor's declaration for said application being executed concurrently with the execution of this instrument; said application to be filed in the United States Patent and Trademark Office;
- (X) said application having been filed in the United States Patent and Trademark Office on **March 18, 2005** Serial Number **11/084658**;

AND WHEREAS

THOMSON LICENSING  
46 quai Alphonse Le Gallo  
F-92100 Boulogne Billancourt  
FRANCE

hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof;

NOW THIS WITNESSETH, that for good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the entire and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof; said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or appertaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

EXECUTED, this 15<sup>th</sup> day of October, 2008

WITNESSES:

Signature: 

Name: Christine RICAUD

Address: 105 route de Biviers  
F-38330 St Ismier

Signature: 

Name: Frederique DERSOIR

Address: 83 rue Pasteur  
F.92-150 SURESNES

ASSIGNOR:

Signature: 

Name: Jean-Luc RICAUD

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2008

WITNESSES:

Signature: \_\_\_\_\_

Name:

Address:

Signature: \_\_\_\_\_

Name:

Address:

ASSIGNOR:

Signature: \_\_\_\_\_

Name: Christian GALMICHE

EXECUTED, this \_\_\_\_\_ day of \_\_\_\_\_, 2008

WITNESSES:

Signature: \_\_\_\_\_

Name:

Address:

Signature: \_\_\_\_\_

Name:

Address:

ASSIGNOR:

Signature: \_\_\_\_\_

Name: Philippe ARNAUD

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PATENT

RECORDED: 12/22/2008

REEL: 022053 FRAME: 0335