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Docket No.: PF050214

U.S. DEPARTMENT OF COMMERCE
 Patent and Trademark Office

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): PHILIPPE LE ROY ARNAUD TROCHET SYLVAIN THIEBAUD Additional name(s) of conveying party(ies) attached: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		2. Name and address of receiving party(ies): Name: THOMSON Licensing Internal Address: Street: 46 Quai A. Le Gallo F-92100 Boulogne-Billancourt, France	
3. Nature of convenience: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____		Additional name(s) & address(es) attached? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	
Execution Date: June 30; September 13; June 30, 2008, 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): US 12/086,874 B. Patent No.(s)			
Additional numbers attached? <input type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> X			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: ROBERT D. SHEDD Internal Address: PATENT OPERATIONS THOMSON LICENSING LLC Street Address: P. O. Box 5312 City: PRINCETON State: NEW JERSEY Zip: 08543-5312		6. Total number of applications and patents involved: <u>1</u> 7. Total Fee (37 CFR 3.41): \$40.00 <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> 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.

JEFFREY M. NAVON

Name of Person Signing

Signature - Reg. No. 32,711

Date

Total number of pages including cover sheet, attachments, and document 5

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Mail documents to be recorded with this sheet to:

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09/28/2009 DBYRNE 00000014 070832 12086874

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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS, Philippe LE ROY, 22 rue Beau Vallon, 35830 BETTON, FRANCE; Arnaud TROCHET, 14 allie des Asturies, 35200 RENNES, FRANCE; Sylvain THIEBAUD, 11 rue de la Janaie, 35530 NOYAL SUR VILAINE, FRANCE; hereinafter referred (collectively) to as the assignor, have invented a certain improvement relating to

Display panel and control method with transient capacitive coupling

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;
- (xx) said application having been filed in the United States Patent and Trademark Office on **December 19, 2006** Serial Number **PCT/EP2006/069925**

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 30 day of June, 2008

WITNESSES:

Signature: [Signature]

Name: SCHAHL CHRISTIAN
Address: 23, rue des Trois Pignons
35250 ST SULPICE LA FORET

Signature: [Signature]

Name: SAUON Pierre
Address: 14, rue Tristan Corbier
35235 THOUVILLE FOUILLOUX

ASSIGNOR:

Signature: [Signature]

Name: Philippe LE ROY

EXECUTED, this _____ day of _____, 2008

WITNESSES:

Signature: _____

Name:
Address:

ASSIGNOR:

Signature: _____

Name: Arnaud TROCHET

Signature: _____

Name:
Address:

EXECUTED, this 30th day of June, 2008

WITNESSES:

Signature: [Signature]

Name: Pascal BOURDON
Address: 74 rue du Pont St Pierre
35390 GRAND-POUGERAT

Signature: [Signature]

Name: Emmanuel JOLLY
Address: 1, rue Contain
25... D...

ASSIGNOR:

Signature: [Signature]

Name: Sylvain THIEBAUD

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTER PATENT

WHEREAS, Philippe LE ROY, 22 rue Beau Vallon, 35830 BETTON, FRANCE; Arnaud TROCHET, 14 allie des Asturies, 35200 RENNES, FRANCE; Sylvain THIEBAUD, 11 rue de la Janaie, 35530 NOYAL SUR VILAINE, FRANCE; hereinafter referred (collectively) to as the assignor, have invented a certain improvement relating to

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EXECUTED, this _____ day of _____, 2008

WITNESSES:

ASSIGNOR:

Signature: _____.

Signature: _____.

Name:

Name: Philippe LE ROY

Address:

Signature: _____.

Name:

Address:

EXECUTED, this 13th day of September, 2008

WITNESSES:

ASSIGNOR:

Signature: Trochet

Signature: Trochet

Name: Trochet Michel
Address: 14 Allée des Asturies
35200 Rennes

Name: Arnaud TROCHET

Signature: Trochet

Name: Trochet chantal
Address: 14 allée des Asturies
35900 Rennes

EXECUTED, this _____ day of _____, 2008

WITNESSES:

ASSIGNOR:

Signature: _____.

Signature: _____.

Name:

Name: Sylvain THIEBAUD

Address:

Signature: _____.

Name:

Address:

PATENT

RECORDED: 09/23/2009

REEL: 023301 FRAME: 0176