

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT																														
NATURE OF CONVEYANCE:	ASSIGNMENT																														
CONVEYING PARTY DATA																															
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<table border="1"><tr><td>Name:</td><td>Adrea, LLC</td></tr><tr><td>Street Address:</td><td>955 Stewart Drive</td></tr><tr><td>City:</td><td>Sunnyvale</td></tr><tr><td>State/Country:</td><td>CALIFORNIA</td></tr><tr><td>Postal Code:</td><td>94085</td></tr></table>		Name:	Adrea, LLC	Street Address:	955 Stewart Drive	City:	Sunnyvale	State/Country:	CALIFORNIA	Postal Code:	94085																				
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Application Number:	10531035
Application Number:	10542910
Application Number:	10547590
Application Number:	10515461
Application Number:	10515686
Application Number:	10562542
Application Number:	10543201
Application Number:	10568644
Application Number:	10576319
Application Number:	10598204
Application Number:	10599272
Application Number:	11572572
Application Number:	09594212
Application Number:	11778824
Application Number:	09685554
Application Number:	10008216
Application Number:	10557683
Application Number:	10570844
Application Number:	10571327
Application Number:	10599266
Application Number:	11570601
Application Number:	11817025
Application Number:	12980657

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	11543.0999-00000
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NAME OF SUBMITTER:	Linda J. Thayer
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Total Attachments: 4
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DEED OF ASSIGNMENT

This DEED OF ASSIGNMENT is made the^{15th}..... day of *October* 2010

BETWEEN

KONINKLIJKE PHILIPS ELECTRONICS N.V., a limited liability company organized and existing under the laws of the Kingdom of the Netherlands, of Groenewoudseweg 1, 5621 BA Eindhoven, The Netherlands (hereinafter "Assignor") of the one part,
and

ADREA LLC, a Delaware limited liability company having its office at 955 Stewart Drive Sunnyvale, CA, USA (hereinafter "Assignee") of the other part,

This Deed of Assignment is to confirm the following:

Assignor is the registered owner of following US patent rights ("the Assigned Patents"):

Assignor's ref.	Title	Application No	Patent No
000517 US	Authorized Domain policy method	11/914785	
006307 US	ELECTROPHORETIC DISPLAY DEVICES	12/377700	
006704 US	MOVING PARTICLE DISPLAY DEVICE	12/300644	
007687 US	REFLECTIVE DISPLAY PANEL AND METHOD FOR MANUFACTURING SUCH A DISPLAY PANEL	12/594203	
A 023409 US	CLUSTERING OF TASK-ASSOCIATED OBJECTS	09/217414	6848104
A 023409 USA	CLUSTERING OF TASK-ASSOCIATED OBJECTS	11/043384	7681194
A 023484 US	CONTROL PROPERTY IS MAPPED ONTO MODALLY COMPATIBLE GUI ELEM.	09/165682	6434447
GB020089 US	TEXT ENTRY FOR ELECTRONIC DEVICE	10/516894	7345676
NL020441 US	ELECTROPHORETIC ACTIVE MATRIX DISPLAY DEVICE	10/507812	7126577
NL020502 US2	IMPROVED ELECTRO-OPTICALLY ACTIVE DEVICE	11/935754	7609436
NL020502 US	IMPROVED ELECTRO-OPTICALLY ACTIVE DEVICE	10/517458	7463407
NL020844 US	ELECTROPHORETIC DISPLAY PANEL	10/515464	7109969
NL021000 US	ELECTROPHORETIC DISPLAY PANEL	10/530379	7817133
NL021001 US2	ELECTROPHORETIC DISPLAY PANEL	12/883282	
NL021026 US	A DISPLAY APPARATUS WITH A DISPLAY DEVICE AND METHOD OF DRIVING THE DISPLAY DEVICE	10/531035	
NL030091 US	ELECTROPHORETIC DISPLAY PANEL AND DRIVING METHOD THEREFOR	10/542910	
NL030205 US	ELECTROPHORETIC DISPLAY PANEL	10/547590	7495651
NL030498 US	ELECTROPHORETIC DISPLAY DEVICE AND DRIVING METHOD THEREFOR	10/515461	
NL030524 US	AN ELECTROPHORETIC DISPLAY AND A METHOD OF DRIVING AN ELECTROPHORETIC DISPLAY	10/515686	
NL030783 US	AN ELECTROPHORETIC DISPLAY WITH REDUCTION OF REMNANT VOLTAGES BY SELECTION OF CHARACTERISTICS OF INTER-	10/562542	

		PICTURE POTENTIAL DIFFERENCES		
NL030825	US	DRIVING A BI-STABLE MATRIX DISPLAY DEVICE	10/543201	
NL030968	US	ELECTROPHORETIC DISPLAY PANEL	10/568644	
NL031253	US	A FAST FULL COLOR ELECTROPHORETIC DISPLAY WITH IMPROVED DRIVING	10/576319	7463408
NL040194	US	TRANSITION BETWEEN GREYSCALE AND MONOCHROME ADDRESSING EPD	10/598204	
NL040315	US	METHOD OF AND SYSTEM FOR GENERATING AN AUTHORIZED DOMAIN	10/599272	
NL040858	US	IMPROVED SCROLLING FUNCTION IN AN ELECTROPHORETIC DISPLAY DEVICE	11/572572	7796115
US000065	US	USER INTERFACE WITH DYNAMIC MENU OPTION ORGANIZATION	09/594212	6828992
US000213	US	SELECTIVE SENDING OF PORTIONS OF ELECTRONIC CONTENT	11/778824	
US000266	US	AUDIO SYSTEM WITH VARIABLE RANDOM-PLAY OPTION	09/685554	6904004
US010560	US	MULTI-POINT TOUCH PAD	10/008216	6995752
US030141	US	AN IMPROVED DRIVING SCHEME FOR AN ELECTROPHORETIC DISPLAY	10/557683	7538757
US030306	US	DRIVING METHOD FOR AN ELECTROPHORETIC DISPLAY WITH ACCURATE GREYSCALE AND MINIMIZED AVERAGE POWER CONSUMPTION	10/570844	
US030327	US	METHOD OF COMPENSATING TEMPERATURE DEPENDENCE OF DRIVING SCHEMES FOR ELECTROPHORETIC DISPLAYS	10/571327	7623113
US040180	US	ELECTROPHORETIC DISPLAY WITH RAPID DRAWING MODE WAVEFORM	10/599266	
US040249	US	USE OF A TWO FINGER INPUT ON TOUCH SCREENS.	11/570601	
US050078	US	SYSTEM AND METHOD FOR PROVIDING RSS CONTENT IN A BROADCAST SYSTEM	11/817025	

In consideration of a sum of or equivalent to at least €1 (one Euro) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has, effective as of 24 Aug. 2010, assigned to **Philips Electronics North America Corporation**, a Delaware corporation, pursuant to Section 141 of the General Corporation Law of the State of Delaware, having offices at 3000 Minuteman Road, Andover, Massachusetts , USA, which in turn has, effective as of 25 Aug.2010 assigned to Assignee all right, title and interest in and to:

(A) the Assigned Patents, including, without limitation, all rights of Assignor under agreements assigning ownership of any part, portion, or all of the Assigned Patents from the inventors and/or prior owners to Assignor, to the extent such agreements exist or are required for purposes of assigning the ownership under the respective law applicable to such assignment and relate to the Assigned Patents, and all rights of Assignor to license and to collect royalties, including royalties for past infringement, under such Assigned Patents; and

(B) all causes of action and enforcement rights, whether currently pending, filed, or otherwise, for infringement of the Assigned Patents, including, without limitation, all rights to pursue damages, injunctive relief, and other remedies for past, current and future infringement of the Assigned Patents, such assignment of rights, title and interest being subject to:

- (i) the (a) pre-existing patent licenses, covenants not to assert and/or similar patent immunities; (b) rights to renew or extend pre-existing patent licenses, covenants not to

assert and/or similar patent immunities to the extent exercisable by third parties (such as legally binding options); (c) releases for past infringement and/or (d) other similar encumbrances, solely in the form they existed prior to Aug. 24, 2010 (collectively, the "Existing Encumbrances"), and Assignee having committed to respect (and to require any assignees, exclusive licensees, and other transferees of the Assigned Patents to respect) such Existing Encumbrances of which it is or has been notified in writing. For the avoidance of any doubt, any pre-existing patent license agreements related to the Assigned Patents, including, without limitation, any related royalty payments, is not assigned or transferred to Assignee. Assignor shall, while respecting any and all confidentiality obligations with respect to any Existing Encumbrances, use reasonable efforts to provide to Assignee, at Assignee's reasonable request, information on whether any specific named entity(ies) in Assignee's enquiry do(es) not benefit from any Existing Encumbrances under the Assigned Patents. Upon Assignee's request, Assignor shall further use reasonable efforts to generally describe the type of products and/or services that are not covered by any Existing Encumbrances that Assignor may be committed to with respect to any specific named entity under the Assigned Patents. In case the information requested by Assignee is subject to non-disclosure obligations preventing disclosure to Assignee, Assignor and Assignee shall negotiate in good faith and seek to identify a method for providing Assignee with reasonable access to useful information without breaching any such non-disclosure obligations;

- (ii) Assignee having granted to Assignor and its Affiliates, under the Assigned Patents and for the lives thereof, a fully paid-up, royalty-free, irrevocable, non-exclusive, non-sublicensable, nontransferable right and license ("License") for Assignor and its Affiliates to practice the methods and to make, have made, use, distribute, lease, sell, offer for sale, import, export, develop and otherwise dispose of and exploit any products (including intermediate products), components (including chips), parts or services covered by the Assignor Patents ("Covered Products"). The License shall (a) include immunity for the resale by resellers, the redistribution by redistributors, and the use by end-users of such Covered Products as distributed or sold by Assignor and its Affiliates and (b) in the case of software and other copyrightable subject matter constituting Covered Products, apply to the authorized reproduction and subsequent distribution of such Covered Products, such as by a distributor, replicator, VAR, OEM or end user. The License shall include claims in the Assigned Patents that would, without this license, be directly infringed or contributorily infringed as defined in 35 USC 271(c) or equivalent law in other jurisdictions by the Covered Products. The License is nontransferable (by operation of law or otherwise), and any attempted transfer will be void, provided that, in the event of any divestiture or merger of a substantial part of the business activity of Assignor and its Affiliates ("Business Activity") or an Affiliate that operates the Business Activity, the License shall survive in respect not only of Assignor and its Affiliates, but also in respect of such substantial part of Business Activity or such Affiliate divested or merged solely for the activities of such Business Activity or Affiliate as of the date of such divestiture or merger, where "Affiliate" means with respect to any entity, any other entity directly or indirectly controlling, controlled by, or under common control with, such entity as of the date on which, or at any time during the period for which, the determination of affiliation is being made. For purposes of this definition, the term "control" (including the correlative meanings of the terms "controlled by" and "under common control with"), as

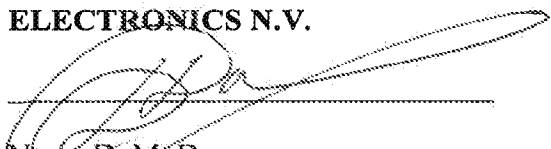
used with respect to any entity, means the possession, directly or indirectly, of at least 50% of the outstanding voting shares or securities (or other ownership interest as the case may be in a partnership, joint venture or unincorporated association) or of the power to direct or cause the direction of the management policies of such entity, whether through the ownership of voting securities or by contract or otherwise; and

- (iii) Assignee having, on a fully paid-up basis, irrevocably released Assignor and its Affiliates and their respective suppliers, distributors, resellers, customers and other direct or indirect downstream vendees from any and all liability for any infringement of Assigned Patents to the extent any such liability arises out of making, using, selling, offering to sell, importing or otherwise disposing of Assignee's Covered Products prior to Aug 24, 2010, provided that such infringing activity/activities would have been licensed under the License subsequent to Aug. 24, 2010;

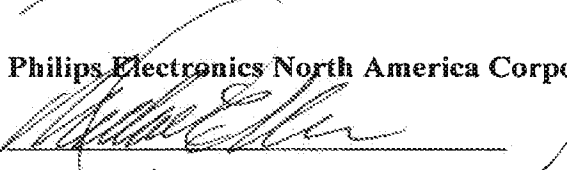
and Assignee has accepted said assignment.

Assignor hereby grants full power of attorney to Assignee to submit this Deed of Assignment to the USPTO and to request those authorities to record the assignment of the legal title to the Assigned Patents from Assignor to Assignee in the appropriate registers provided that, where possible, the retained license and release to Assignor and its Affiliates shall be simultaneously recorded in those registers.

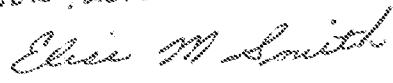
EXECUTED for and on behalf of
**KONINKLIJKE PHILIPS
ELECTRONICS N.V.**


Name D. M. Damen
Title Authorized Representative

Philips Electronics North America Corporation


Name Michael E. Morland
Title Authorized Representative

SWORN BEFORE ME THIS 11TH DAY OF
NOVEMBER, 2010


ELISE M. SMITH
Notary Public, State of New York
No. 4931818
Qualified in Westchester County
Commission Expires May 31, 2014