

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
PLANAR SYSTEMS, INC.	06/16/2009
RECEIVING PARTY DATA	
Name:	APPLE INC.
Street Address:	1 INFINITE LOOP
City:	CUPERTINO
State/Country:	CALIFORNIA
Postal Code:	95014
PROPERTY NUMBERS Total: 26	
Property Type	Number
PCT Number:	US2006043741
PCT Number:	US2002025573
PCT Number:	US2003003277
PCT Number:	US2003005300
Application Number:	11800274
Application Number:	11901649
Application Number:	11977279
Application Number:	11977339
Patent Number:	8207946
Patent Number:	7872641
Application Number:	11978031
Application Number:	11977864
Application Number:	11980029
Application Number:	11980043
Application Number:	11980104

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Application Number:	11980105
Application Number:	11980107
Application Number:	11980108
Application Number:	11013295
Patent Number:	7830461
Patent Number:	7880819
Application Number:	11977829
Patent Number:	8044930
Patent Number:	7880733
Patent Number:	7852417
Application Number:	11977911

CORRESPONDENCE DATA

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NAME OF SUBMITTER:	BRADLEY J. MEIER
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Signature:	/Bradley J. Meier/
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Date:	10/11/2013
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Total Attachments: 3

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ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, PLANAR SYSTEMS, INC. ("Assignor"), has sold, assigned, transferred and conveyed, and does hereby sell, assign, transfer, and convey, unto APPLE INC., a California corporation, having a mailing address of 1 Infinite Loop, Cupertino, California 95014 ("Assignee"), or its designees all right, title, and interest that exist today and may exist in the future in and to all of the following (collectively, the "Patent Rights"):

(a) the invention disclosures, provisional patent applications, patent applications and patents listed below (the "Patents");

(b) all provisional patent applications, patent applications, patents or other governmental grants or issuances (i) to which any of the Patents directly or indirectly claims priority and/or (ii) for which any of the Patents directly or indirectly forms a basis for priority;

(c) reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, and divisions of any item in the foregoing categories (a) and (b);

(d) foreign patents, patent applications, and counterparts relating to any item in the foregoing categories (a) through (c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;

(e) items in any of the foregoing in categories (a) through (d), whether or not expressly listed as Patents below and whether or not claims in any of the foregoing have been rejected, withdrawn, cancelled, or the like;

(f) rights to all inventions, invention disclosures, and discoveries described in any item in the foregoing categories (a) through (e) and all other rights arising out of such inventions, invention disclosures, and discoveries;

(g) rights to apply in any or all countries of the world for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type related to any item in the foregoing categories (a) through (f), including, without limitation, under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

(h) causes of action (whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Patents and/or any item in any of the foregoing categories (a) through (g), including, without limitation, all causes of action and other enforcement rights for

(i) damages, (ii) injunctive relief, and (iii) other remedies of any kind for past, current, and future infringement; and

(i) all rights to collect royalties and other payments under or on account of any of the Patents and/or any item in the foregoing categories (b) through (h).

Patent / Appln No.	Country	Issue / Filing Date	Title / First Inventor
7,280,102	US	2/20/2003	Light Sensitive Display, Abileah
7,053,967	US	5/20/2003	Light Sensitive Display, Abileah

Patent / Appln No	Country	Issue / Filing Date	Title / First Inventor
7,408,598	US	8/12/2002	Light Sensitive Display With Selected Interval of Light Sensitive Elements, den Boer
6,995,743	US	11/27/2002	Light Sensitive Display, den Boer
6,947,102	US	12/23/2002	Light Sensitive Display Which Senses Decreases in Light, den Boer
7,023,503	US	04/04/2006	Image Sensor With Photosensitive Thin Film Transistors, den Boer
6,831,710	US	6/9/2003	Image Sensor With Photosensitive Thin Film Transistors and Dark Current Compensation, den Boer
7,009,663	US	12/17/2003	Integrated Optical Light Sensitive Active Matrix Liquid Crystal Display, Abileah
PCT/US06/043741 (expired)	PCT	11/10/2006	Integrated Light Sensitive Liquid Crystal Display, den Boer
06 837 297.8	EP	10/11/2006	Integrated Light Sensitive Liquid Crystal Display, den Boer
540,205/2008	JP	10/11/2006	Integrated Light Sensitive Liquid Crystal Display, den Boer
95141983	TW	11/14/2006	Integrated Light Sensitive Liquid Crystal Display, den Boer
PCT/US02/25573 (expired)	PCT	8/12/2002	Light Sensitive Display, den Boer
20020336341 (lapsed)	AU	8/12/2002	Light Sensitive Display, den Boer
PCT/US03/03277 (expired)	PCT	2/4/2003	Light Sensitive Display, den Boer
20030208975 (lapsed)	AU	2/4/2003	Light Sensitive Display, den Boer
PCT/US03/05300 (expired)	PCT	2/20/2003	Light Sensitive Display, den Boer
20030213188 (lapsed)	AU	2/20/2003	Light Sensitive Display, den Boer
11/407,545	US	4/19/2006	Light Sensitive Display, Abileah
11/977,828	US	10/26/2007	Light Sensitive Display, Abileah
11/977,829	US	10/26/2007	Light Sensitive Display, Abileah
11/977,830	US	10/26/2007	Light Sensitive Display, Abileah
11/977,865	US	10/26/2007	Light Sensitive Display, Abileah
11/977,866	US	10/26/2007	Light Sensitive Display, Abileah
11/977,911	US	10/26/2007	Light Sensitive Display, Abileah
11/595,071	US	11/8/2006	Integrated Light Sensitive Liquid Crystal Display, den Boer
10/825,922	US	4/16/2004	Image Sensor With Photosensitive Thin Film Transistors and Dark Current Compensation, den Boer
11/013,295 (abandoned)	US	12/14/2004	Light Sensitive Display, den Boer
11/137,753 (abandoned)	US	5/25/2005	Light Sensitive Display, den Boer
11/351,098	US	2/8/2006	Integrated Optical Light Sensitive Active Matrix Liquid Crystal Display, Abileah

Patent / Appln No	Country	Issue / Filing Date	Title / First Inventor
11/800,274	US	5/3/2007	Display with Embedded Image Sensor, den Boer
11/901,649	US	9/18/2007	Light Sensitive Display, Abileah
11/977,279	US	10/24/2007	Light Sensitive Display, Abileah
11/977,339	US	10/24/2007	Light Sensitive Display, Abileah
11/978,006	US	10/25/2007	Light Sensitive Display, Abileah
11/977,995	US	10/25/2007	Light Sensitive Display, Abileah
11/978,031	US	10/25/2007	Light Sensitive Display, Abileah
11/977,864	US	10/26/2007	Light Sensitive Display, Abileah
11/980,029	US	10/29/2007	Light Sensitive Display, den Boer
11/980,043	US	10/29/2007	Light Sensitive Display, den Boer
11/980,104	US	10/29/2007	Light Sensitive Display, den Boer
11/980,105	US	10/29/2007	Light Sensitive Display, den Boer
11/980,107	US	10/29/2007	Light Sensitive Display, den Boer
11/980,108	US	10/29/2007	Light Sensitive Display, den Boer
60/359,263	US	02/20/2002	Light Sensitive Display, den Boer
60/383,040	US	05/23/2002	Light Sensitive Display, Abileah
60/736,708	US	11/14/2005	Integrated Light Sensitive Liquid Crystal Display, den Boer

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.


Assignor will, at the reasonable request of Assignee, do all things reasonably necessary, proper, or advisable, including without limitation, the execution, acknowledgment, and recordation of specific assignments, oaths, declarations, and other documents on a country-by-country basis, to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights. Such assistance will include providing, and obtaining from the respective inventors, prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, powers of attorney, specifications, declarations or other papers, and other assistance reasonably necessary for filing patent applications, complying with any duty of disclosure, and conducting prosecution, reexamination, reissue, interference or other priority proceedings, opposition proceedings, cancellation proceedings, public use proceedings, infringement or other court actions and the like with respect to the Patent Rights. Assignee will pay Assignor's reasonable out-of-pocket costs and expenses associated with the foregoing activities within (45) forty-five days of when they were incurred.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

IN TESTIMONY WHEREOF this Assignment of Patent Rights is executed at Beaverton, Oregon on June 16, 2009.

ASSIGNOR

By: PLANAR SYSTEMS, INC.


 Name: Stephen M. Going
 Title: VP, General Counsel & Secretary