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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Graphics Properties Holdings, Inc.	12/24/2012

RECEIVING PARTY DATA

Name:	LG Electronics, Inc.	
Street Address:	LG Twin Towers, 20 Yeouido-dong	
Internal Address:	Yeongdeungpo-gu	
City:	Seoul	
State/Country:	KOREA, REPUBLIC OF	
Postal Code:	150-721	

PROPERTY NUMBERS Total: 10

Property Type	Number
Patent Number:	6918010
Patent Number:	6049866
Patent Number:	6985149
Patent Number:	7140024
Patent Number:	5933155
Patent Number:	6075543
Patent Number:	7007205
Patent Number:	6738885
Patent Number:	6714960
Patent Number:	6433627

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PATENT

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Total Attachments: 4

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PATENT REEL: 029604 FRAME: 0091

ASSIGNMENT OF PATENT RIGHTS

This patent assignment ("Assignment") is entered into as of <u>loce 'loce </u>

For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor, does hereby irrevocably sell, assign, transfer, and convey unto Assignee, or its designees all right, title, and interest which Assignor owns that exist today and may exist in the future in and to all of the following (collectively, the "Assigned Patent Rights"):

 (a) the patents and/or patent applications listed in the table below (the "Assigned Patents");

Patent or Application No.	Country	Filing Date	Title of Patent	First Named Inventor	
US6918010	USA	Oct. 16, 2002	Method and system for prefetching data,	Yeager	
US6049866	USA	Sept. 6, 1996	Method and system for an efficient user mode cache manipulation using a simulated instruction	Earl	
US6985149	USA	July 31, 2002	System and method for decoupling the user interface and application window in a graphics application	Peercy	
US7140024	USA	July 29, 2002	System and method for managing graphics applications	Kaulgud	
US5933155	USA	Nov. 6, 1996	System and method for buffering multiple frames while controlling latency	Akeley	

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US6075543	USA	Dec. 22, 1998	System and method for buffering multiple frames while controlling latency	Akeley
US7007205	USA	Feb. 15, 2001	Method and apparatus for recording trace data in a microprocessor based integrated circuit	Yeager
US6738885	USA	Feb. 15, 2001	Device and method for storing information in memory	Zhang
US6714960	USA	Nov. 20, 1996	Earnings-based time- share scheduling	Bitar
US6433627	USA	July 20, 2000	GTL+one-one/zero-zero detector	Ruesch

- (b) all provisional patent applications, patent applications, patents or other governmental grants or issuances in the country of issuance (i) to which any of the Assigned Patents directly or indirectly claims priority and/or (ii) for which any of the Assigned Patents directly or indirectly forms a basis for priority in the foregoing groupings (i) and (ii) for which GPH owns all right, title and interest;
- (c) reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, requests for continuing examinations, and divisions (and rights to apply for any of the foregoing) of any item in the foregoing categories (a) and (b) for which GPH owns all right, title and interest;
- (d) rights to all inventions, invention disclosures, and discoveries and all other rights arising out of such inventions, invention disclosures, and discoveries in the foregoing categories
 (a) through (c) for which GPH owns all right, title and interest;
- (e) causes of action (whether currently pending, filed, or otherwise) and other enforcement rights under, or on account of, any of the Assigned Patents 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 in any of the foregoing categories (a) through (d) for which GPH owns all right, title and interest; and
- (f) except for obligations and/or rights to royalties and other payments owed or to be made to GPH pursuant to agreements existing as of and prior to the Assignment Date, all rights

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to collect royalties and other payments under or on account of any of the Assigned Patents and/or any item in the foregoing categories (a) through (e).

The foregoing assignment (and any subsequent assignment of the Assigned Patent Rights) will be subject to all licenses, covenants not to sue and other rights granted under the Assigned Patent Rights prior to and as of the Assignment Date.

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 Assigned Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor will, at the reasonable request of Assignee and at no cost to GPH, do all administrative acts 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 Assigned Patent Rights.

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.

WESTCHESTER COUNTY, NEW YORK on DOCCARD 24, 2013

ASSIGNOR

By: GRAPHICS PROPERTIES HOLDINGS, INC.

		<u> </u>	*****	
Name: Title:	363333	**	Scho	A

(Signature MUST be notarized)

STATE OF NEW YORK

COUNTION
On 12/24/2, before me, SENY/OUZ, F., Notary Public in and for said State, personally appeared Bradey Science, personal
Public in and for said State, personally appeared, personal
known to me (or proved to me on the basis of satisfactory evidence) to be the person whose
name is subscribed to the within instrument and acknowledged to me that he/she executed the
same in his/her authorized capacity, and that by his/her signature on the instrument the person,
the entity upon behalf of which the person acted, executed the instrument.

Signature
Signature
Signature

(Seal)

Notary Public - State of New York
NO 01CR5253868
My Commission Expires

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