

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Korea Advanced Institute of Science and Technology	09/29/2010

RECEIVING PARTY DATA

Name:	Silicon Works Co., Ltd.
Street Address:	104-13 Moonji-Dong
Internal Address:	Yuseong-Gu
City:	Daejeon
State/Country:	REPUBLIC OF KOREA
Postal Code:	305-380

PROPERTY NUMBERS Total: 4

Property Type	Number
Application Number:	11930888
Application Number:	11930850
Application Number:	12578046
Patent Number:	7710200

CORRESPONDENCE DATA

Fax Number: (215)735-9305
Correspondence will be sent via US Mail when the fax attempt is unsuccessful.
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NAME OF SUBMITTER:	Brian L. Belles
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Total Attachments: 3

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PATENT
REEL: 025217 FRAME: 0197

CH \$160.00 11930888

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PATENT ASSIGNMENT

WHEREAS, KOREA ADVANCED INSTITUTE OF SCIENCE AND TECHNOLOGY (hereinafter "**KAIST**"), a Korean company, having an address at 373-1 Guseong-dong, Yuseong-gu, Daejeon 305-701, Republic of Korea, owns, by assignment or otherwise, all right, title, and interest in and to the patents and patent applications set forth in Schedule 1, and any and all inventions set forth therein (hereinafter the "Patents");

WHEREAS, SILICON WORKS CO., LTD. (hereinafter "**SILICON WORKS**"), a Korean company, having an address at 104-13 Moonji-Dong, Yuseong-Gu, Daejeon 305-380, Republic of Korea, desires to own **KAIST**'s entire right, title, and interest in and to the Patents; and

WHEREAS, **KAIST** agrees to assign all of its right, title, and interest in and to the Patents to **SILICON WORKS**, and **SILICON WORKS** agrees to acquire said Patents, the parties wish to further carry out their intent as set forth herein;

NOW THEREFORE, be it known that, in exchange for payment of One Dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **KAIST** hereby irrevocably assigns, transfers, conveys, grants and sets over to **SILICON WORKS**, its lawful successors and assigns, **KAIST**'s entire right, title, and interest in and to the Patents, the inventions claimed therein, and all current or future patents that may be granted thereon, including, without limitation, any and all divisionals, continuations, continuations-in-part, reissues, reexaminations, substitutes, any extensions thereof, and all continuations, continuations-in-part, divisionals, and counterparts of the foregoing and all rights to claim priority on the basis of such application;

AND, **KAIST HEREBY** authorizes and requests the Commissioner of Patents and Trademarks of the United States to record **SILICON WORKS** as assignee for the Patents, in accordance with the terms of this Patent Assignment;

AND, **KAIST HEREBY** further agrees that, from and after the date of this Patent Assignment, **SILICON WORKS** has succeeded to all of **KAIST**'s right, title, interest and standing to receive all rights and benefits pertaining to the Patents, institute and prosecute all suits and proceedings, take all actions that **SILICON WORKS**, in its sole discretion, may deem necessary or proper to collect, assert, or enforce any claim, right, title or interest of any kind under any and all of the Patents, including, without limitation, the right to sue for all past, present and future infringements or other violations of any rights relating thereto, to settle, defend, compromise and retain proceeds from any actions, suits, or proceedings relating to the transferred and assigned rights, title, interest, and benefits, and do all other such acts and things in relation thereto as **SILICON WORKS**, in its sole discretion, deems advisable;

AND, KAIST HEREBY relinquishes exclusivity to SILICON WORKS all of KAIST's right, title and interest in and to all accrued and future causes of action for injunctive relief, damages, lost profits and litigation costs (including, without limitation, attorneys' fees) resulting from infringements or alleged infringements of the Patents and this Patent Assignment expressly includes the right to sue for pre-assignment infringements and any injunctive relief, damages, lost profits and litigation costs (including, without limitation, attorneys' fees) in connection with the same;

AND, KAIST HEREBY further covenants that KAIST has the full right to convey the interest assigned by this Patent Assignment, KAIST will take all action and execute all documents necessary to perfect the interest assigned hereby, and KAIST has not executed and will not execute any agreement in conflict with this Assignment;

AND, KAIST HEREBY further covenants and agrees that KAIST, through its officers and employees, will, without further consideration, communicate with SILICON WORKS, its successors and assigns, any facts known to KAIST and its officers and employees respecting the inventions and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to the inventions in SILICON WORKS, its successors and assigns, execute all divisionals, continuations, continuations-in-part, reissues, reexaminations, substitutes, any extensions thereof, make all rightful oaths, and generally do everything possible to aid SILICON WORKS, its successors and assigns, to obtain and enforce proper patent protection for the invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by SILICON WORKS, its successors and assigns.

IN TESTIMONY WHEREOF, each party has caused its authorized representative to execute this Assignment.

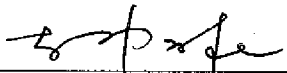
KOREA ADVANCED INSTITUTE
OF SCIENCE AND TECHNOLOGY

By:  ✓
PRESIDENT Suh, Nam Pyo

Title: _____

Date: 9. 29. 2010

SILICON WORKS CO., LTD.

By: 

Title: CEO

Date: 7. 9. 2010

SCHEDULE 1
(to Patent Assignment)

- (1) U.S. Patent Application Serial No.: 11/930,888
Filed: October 31, 2007
Title: DRIVING APPARATUS FOR DISPLAY
- (2) U.S. Patent Application Serial No. 11/930,850
Filed: October 31, 2007
Title: DRIVING APPARATUS FOR DISPLAY
- (3) U.S. Patent Application Serial No. 12/578,046
Filed: October 13, 2009
Title: DISPLAY DRIVING APPARAUTS
- (4) U.S. Patent No.: 7,710,200
Datcd: May 4, 2010
Title: OUTPUT BUFFER AND POWER AMPLIFIER COMPRISING THEREOF