

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Chun-Hyuk Lee	05/31/2012
Byung-Uk Kim	05/31/2012
Mun-Pyo Hong	05/29/2012
Hong Choi	05/30/2012
Byung-Seong Bae	05/25/2012

RECEIVING PARTY DATA

Name:	Dongjin Semichem Co., Ltd.
Street Address:	Gajwa-dong 472-2, Seo-gu
City:	Incheon-city
State/Country:	KOREA, REPUBLIC OF
Postal Code:	404-250

Name:	Korea University Research and Business Foundation
Street Address:	1, Anam-dong 5-ga, Seongbuk-gu
City:	Seoul
State/Country:	KOREA, REPUBLIC OF
Postal Code:	136-701

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13503937

CORRESPONDENCE DATA

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OP \$40.00 13503937

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ATTORNEY DOCKET NUMBER:	YOU-18902/00
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NAME OF SUBMITTER:	Douglas W. Sprinkle
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ASSIGNMENT BY INVENTOR

THIS ASSIGNMENT, made by LEE, Chun-Hyuk; KIM, Byung-Uk; HONG, Mun-Pyo; CHOI, Hong; BAE, Byung-Seong residing at

625-3, Yodang-ri, Yanggam-myeon, Hwaseong-si, Gyeonggi-do, Republic of Korea;

625-3, Yodang-ri, Yanggam-myeon, Hwaseong-si, Gyeonggi-do, Republic of Korea;

Korea University, Sejong Campus, Seochang-ri 208, Jochiwon-eup Yeongi-gun, Chungcheongnam-do 339-700, Republic of Korea;

Korea University, Seochang-ri 208, Jochiwon-eup Yeongi-gun, Chungcheongnam-do 339-700, Republic of Korea

Hoseo University, Sechul-ri 165, Baebang-eup, Asan-si, Chungcheongnam-do 336-795, Republic of Korea

(hereinafter referred to as Assignor)

WHEREAS, Assignor has invented certain new and useful improvements in

DISPLAY DEVICE DRIVEN BY ELECTRIC FIELD

set forth in a Patent application for Letters Patent of the United States, already filed on April 25, 2012 as U.S. Application No. 13/503,937; and

WHEREAS, DONGJIN SEMICHEM CO., LTD ; Korea University Research and Business Foundation, a Corporation organized under and pursuant to the laws of Republic of Korea having its principal place of business at Gajwa-dong 472-2, Seo-gu, Incheon-city 404-250, Republic of Korea; of Korea University, 1, Anam-dong 5-ga, Seongbuk-gu, Seoul 136-701, Republic of Korea (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents does sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefore and thereon, and reissues, reexaminations and extensions of said



Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignor, had this sale and assignment not been made.

AND for the same consideration, Assignor hereby represents and warrants to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignor is the sole and lawful owner of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignor has good and full right and lawful authority to sell and convey the same in the manner herein set forth.

AND for the same consideration, Assignor hereby covenants and agrees to and with Assignee, its successors, legal representatives and assigns, that Assignor will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignor hereby requests the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.



AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

GIFFORD, KRASS, GROH, SPRINKLE, ANDERSON & CITKOWSKI, P.C.

All practitioners at Customer Number 25006

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: May 31, 2012

Signature: Lee Chun Hyuk
LEE, Chun-Hyuk

Date: May 31, 2012

Signature: KIM BYUNG UK
KIM, Byung-Uk

Date: _____

Signature: _____
HONG, Mun-Pyo

Date: _____

Signature: _____
CHOI, Hong

Date: _____

Signature: _____
BAE, Byung-Seong



AND Assignor hereby grants the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

GIFFORD, KRASS, GROH, SPRINKLE, ANDERSON & CITKOWSKI, P.C.

All practitioners at Customer Number 25006

AND Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: _____ Signature: _____
LEE, Chun-Hyuk

Date: _____ Signature: _____
KIM, Byung-Uk

Date: 29 May 2012 Signature: _____
HONG, Mun-Pyo

Date: 30 May, 2012 Signature: _____
CHOI, Hong

Date: 25 May 2012 Signature: _____
BAE, Byung-Seong