

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Moo Shik Im</td> <td>11/10/2009</td> </tr> <tr> <td>Dong Hae Seo</td> <td>11/10/2009</td> </tr> <tr> <td>Dae Lim Choi</td> <td>11/10/2009</td> </tr> <tr> <td>Jong Kyun Park</td> <td>11/10/2009</td> </tr> <tr> <td>Soo Young Choi</td> <td>11/10/2009</td> </tr> </tbody> </table>		Name	Execution Date	Moo Shik Im	11/10/2009	Dong Hae Seo	11/10/2009	Dae Lim Choi	11/10/2009	Jong Kyun Park	11/10/2009	Soo Young Choi	11/10/2009
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RECEIVING PARTY DATA													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Hydis Technologies Co., Ltd.</td> </tr> <tr> <td>Street Address:</td> <td>San 136-1, Ami-ri, Bubal-eub, Gyeonggi-do</td> </tr> <tr> <td>City:</td> <td>Icheon-Si</td> </tr> <tr> <td>State/Country:</td> <td>REPUBLIC OF KOREA</td> </tr> <tr> <td>Postal Code:</td> <td>467-866</td> </tr> </table>		Name:	Hydis Technologies Co., Ltd.	Street Address:	San 136-1, Ami-ri, Bubal-eub, Gyeonggi-do	City:	Icheon-Si	State/Country:	REPUBLIC OF KOREA	Postal Code:	467-866		
Name:	Hydis Technologies Co., Ltd.												
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
<p>Fax Number: (412)945-5933</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 412-471-8815</p> <p>Email: assignments@webblaw.com</p> <p>Correspondent Name: THE WEBB LAW FIRM, P.C.</p> <p>Address Line 1: 700 KOPPERS BUILDING</p> <p>Address Line 2: 436 SEVENTH AVENUE</p> <p>Address Line 4: PITTSBURGH, PENNSYLVANIA 15219</p>													
ATTORNEY DOCKET NUMBER:	5866-093097												
NAME OF SUBMITTER:	Richard L. Byrne												

OP \$40.00 12692173

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PATENT
REEL: 023834 FRAME: 0781

Total Attachments: 3

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RECORDATION FORM COVER SHEET
PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Moo Shik IM
Dong Hae SEO
Dae Lim CHOI
Jong Kyun PARK Soo Young CHOI

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name: Hydis Technologies Co., Ltd.

Internal Address: _____

Street Address: San 136-1, Ami-ri, Bubal-eub

Icheon-Si, Gyeonggi-do

City: _____

State: _____

Country: REPUBLIC OF KOREA Zip: 467-866

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) November 10, 2009

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/692,173

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Richard L. Byrne

Internal Address: The Webb Law Firm

Street Address: 436 Seventh Avenue
700 Koppers Building

City: Pittsburgh

State: PA Zip: 15219

Phone Number: 412-471-8815

Fax Number: 412-945-5933

Email Address: assignments@webblaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

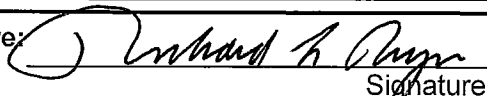
8. Payment Information

a. Credit Card Last 4 Numbers 4775
Expiration Date 05/2012

b. Deposit Account Number 23-0650

Authorized User Name _____

9. Signature:


Signature

January 22, 2010

Date

Richard L. Byrne, Registration No. 28,498
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT

WHEREAS, I/We , **IM, Moo Shik at 101-1701ho, Samik APT., Sinha6-Ri, Boobal-Eup, Icheon-Si, Gyeonggi-Do, 467-742, Republic of Korea**

SEO, Dong Hae at 7-308ho, Eunma APT., Daechi-Dong, Gangnam-Gu, Seoul, 135-280, Republic of Korea

CHOI, Dae Lim at 302-103ho, Woomi APT., Dongcheon-Dong, Sooji-Gu, Yongin-Si, Gyeonggi-Do, 448-512, Republic of Korea

PARK, Jong Kyun at 202-1902ho, Yuseong APT., Shinha-Ri, Boobal-Eup, Icheon-Si, Gyeonggi-Do, 467-863, Republic of Korea

CHOI, Soo Young at 102-1201ho, Jinwoo APT., Shinha-Ri, Boobal-Eup, Icheon-Si, Gyeonggi-Do, 467-773, Republic of Korea

have invented certain new and useful improvements in the invention entitled **"FRINGE-FIELD-SWITCHING-MODE LIQUID CRYSTAL DISPLAY AND METHOD OF MANUFACTURING THE SAME"** for which we have this day executed an application for United States Letters Patent;

AND, WHEREAS , **Hydis Technologies Co., Ltd. , residing San 136-1, Ami-Ri, Bubal-Eub, Icheon-Si, Gyeonggi-Do, 467-866, Republic of Korea**, hereinafter called the "assignee", is desirous of acquiring the entire right, title, and interest in and to said application and the inventions and improvements therein disclosed.

NOW, THEREFORE, for good and valuable consideration paid to us by said assignee, the receipt of which is hereby acknowledged, we do hereby assign, sell, transfer, and set over unto said assignee the entire right, title and interest in and to said application and the inventions and improvements therein disclosed for the United States and all foreign countries and any Letters Patent which may issue therefor in the United States and all foreign countries and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, said assignee to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, reissues, continuations, continuations-in-part, renewals, and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by us had this assignment not been made.

The Commissioner for Patents is requested to issue such Letters Patent in accordance herewith. We covenant that we are the lawful owners of the said application, inventions, and improvements, that the same are unencumbered, that no license has been granted to make, use, or vend the said inventions or improvements or any of them, and that we have the full right to make this assignment.

And for the consideration aforesaid, we agree jointly and individually that we will communicate to said assignee or the representatives thereof any facts known to us respecting said inventions and improvements, and will, upon request, but without expense to us, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal, and/or extension applications, make all rightful

oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said assignee or by counsel for said assignee, to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This assignment shall be binding upon our heirs, executors, administrators, and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of said assignee.

Date November 10, 2009 Inventor IM, Moo Shik Im, Moo Shik
(Signature of Inventor)

Date November 10, 2009 Inventor SEO, Dong Hae Seh, Dong Hae
(Signature of Inventor)

Date November 10, 2009 Inventor CHOI, Dae Lim Dae Lim Choi
(Signature of Inventor)

Date November 10, 2009 Inventor PARK, Jong Kyun Park, Jong Kyun
(Signature of Inventor)

Date November 10, 2009 Inventor CHOI, Soo Young CHOI, Soo Young
(Signature of Inventor)

Date November 10, 2009 Witness OH, Yong Soo Yong Soo Oh
(Signature of Witness)

接続