

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Deh Ming Shyu</td><td>04/12/2007</td></tr><tr><td>Yi Sha Shyu</td><td>04/16/2007</td></tr></tbody></table>		Name	Execution Date	Deh Ming Shyu	04/12/2007	Yi Sha Shyu	04/16/2007
Name	Execution Date						
Deh Ming Shyu	04/12/2007						
Yi Sha Shyu	04/16/2007						
RECEIVING PARTY DATA							
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City:	Hsinchu County						
State/Country:	TAIWAN						
Postal Code:	310						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11696430</td></tr></tbody></table>		Property Type	Number	Application Number:	11696430		
Property Type	Number						
Application Number:	11696430						
CORRESPONDENCE DATA							
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Total Attachments: 2 source=US9931-Assignment#page1.tif source=US9931-Assignment#page2.tif							

OP \$40.00 11696430

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PATENT
REEL: 019243 FRAME: 0761

ASSIGNMENT

WHEREAS, I(we), SHYU, DEH MING; KU, YI SHA
whose post office address(es) appear(s) below, hereinafter referred to as ASSIGNOR, have invented certain new and useful invention entitled
METHOD FOR CORRELATING THE LINE WIDTH ROUGHNESS OF GRATINGS AND METHOD FOR MEASUREMENT

(hereinafter referred to as the INVENTION) for which an application for United States Letters Patent /Utility Patent is executed on even date
herewith unless at least one of the following is checked:

☐ United States Design Patent

was

☐ executed on:

☒ filed on: **April 4, 2007**

Serial No.: **11/696,430**

☐ established by PCT International Patent Application No.:

filed:

designating the United States of America

☐ issued on _____ as U.S. Patent No.: _____

WHEREAS, INDUSTRIAL TECHNOLOGY RESEARCH INSTITUTE
whose post office address is NO. 195, SEC. 4, JUNGSHING RD., JUDUNG TOWNSHIP, HSINCHU COUNTY 310, TAIWAN, R.O.C.
hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the same in the United States and its
territorial possessions;

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I (we), ASSIGNOR, by these
presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application
throughout the United States of America, including any and all Letters Patent granted on any division, continuation, continuation-in-part and
reissue of said application for the full term or terms for which the same may be granted, including all priority rights under any International
Convention.

ASSIGNOR further covenants that no assignments, sale, agreement or encumbrance has been or will be made or entered into which
would conflict with this Assignment;

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and
maintenance of said application or any other patent application(s) in the United States for said INVENTION, including additional documents
that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees,
without further consideration and at ASSIGNEE's expense, to identify and communicate to ASSIGNEE at ASSIGNEE's request documents and
information concerning the INVENTION that are within ASSIGNOR's possession or control, and to provide further assurances and testimony on
behalf of ASSIGNEE that lawfully may be required of ASSIGNOR in respect of the prosecution, maintenance, litigation and defense of any
patent application or patent encompassed within the terms of this instrument. ASSIGNOR's obligations under this instrument shall extend to
ASSIGNOR's heirs, executors, administrators and other legal representatives.

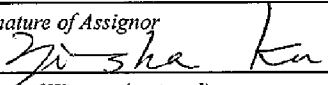
ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent
referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE's sole use and behoof;
and for the use and behoof of ASSIGNEE's legal representatives and successors, to the full end of the term for which such Letters Patent may
be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any member of the firm of WPAT, PC (Customer No. 60951) to insert or complete any information in this
document needed to effect its recordal in the U.S. Patent and Trademark Office.

Assignor Name	Address
SHYU, DEH MING	NO. 102, JHAONAN RD., JHUNAN TOWNSHIP, MIAOLI COUNTY 350, TAIWAN, R.O.C.
Signature of Assignor <i>Deh-Ming Shyu</i>	Date of Signature <i>2007. 4. 12</i>
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)

PATENT 019243 US

REEL: 019243 FRAME: 0762

Assignor Name KU, YI SHA	Address 2F., NO. 299, SEC. 2, GUANGFU RD., HSINCHU CITY 300, TAIWAN, R.O.C.
Signature of Assignor 	Date of Signature Apr. 16, 2007
Name of Witness (optional)	Name of Witness (optional)
Signature of Witness (optional)	Signature of Witness (Optional)