PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
WEI-CHUN CHANG	04/19/2019
CHUN-KUN YU	04/15/2019
CHIEN-WEI SUNG	04/15/2019

RECEIVING PARTY DATA

Name:	QISDA CORPORATION	
Street Address:	NO. 157, SHAN-YING RD., GUISHAN DIST.	
City:	TAOYUAN CITY	
State/Country:	TAIWAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16403672

CORRESPONDENCE DATA

Fax Number: (703)891-9011

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 703 891 9011

Email: IVAN.SU@COVENANT-IP.COM
Correspondent Name: COVENANT IP CONSULTING CO.
Address Line 1: P.O. BOX 306 TAIPEI ZHONG LUN

Address Line 4: TAIPEI CITY, TAIWAN 10499

ATTORNEY DOCKET NUMBER:	TF04B19019
NAME OF SUBMITTER:	I-VAN SU
SIGNATURE:	/Ivan Su/
DATE SIGNED:	05/06/2019

Total Attachments: 2

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PATENT 505461048 REEL: 049087 FRAME: 0457

Attorney Reference	
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ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT Page 1 of 2

WHEREAS Wei-Chun CHANG, Chun-Kun YU and Chien-Wei SUNG
hereinafter referred to collectively as the assignor, has invented a certain improvement, relating to
COLOR WHEEL PHASE DETECTION METHOD AND PROJECTOR USING THE SAME
[X] the inventor's declaration for said application being executed concurrently with the execution of this instrument; said
application to be filed in the United States Patent and Trademark Office;
[] said application having been filed in the United States Patent and Trademark Office on,
authorization being hereby given to my attorneys, I-van Su of Covenant IP Consulting Co. (Customer No. 77117), to insert here
in parentheses (Application Serial No) the application serial number of said application when known;
[] said application having been filed under the Patent Cooperation Treaty on
Serial No, the United States of America being designated.
AND WHEREAS QISDA CORPORATION of No. 157, Shan-Ying Rd., Guishan Dist., Taoyuan City, Taiwan, R.O.C.,
hereinafter referred to as the assignee, is desirous of acquiring the entire right, title and interest in and to said application,
including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be

NOW THIS WITNESSETH, that for and in consideration of One Dollar (\$1.00), and other good and valuable consideration paid by said assignee to said assignor, the receipt of which is hereby acknowledged, said assignor hereby assigns, sells and transfers to said assignee, and said assignee's successors and assigns, the full and exclusive right, title and interest in and to said application, including any and all divisions and continuations thereof, and in and to said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, said assignee, and said assignee's successors and assigns, to have, hold, exercise and enjoy the said application, including any and all divisions and continuations thereof, and the said invention and any and all patents which may be granted therefor, including any and all renewals, reissues and prolongations thereof, with all the rights, powers, privileges and advantages in anywise arising from or apperlaining thereto, for and during the term or terms of any and all such patents when granted, including any and all renewals, reissues and prolongations thereof, for the use and benefit of said assignee, and said assignee's successors and assigns, in as ample and beneficial a manner as the said assignor might or could have held and enjoyed the same, if this assignment had not been made.

granted therefor, including any and all renewals, reissues and prolongations thereof;

AND said assignor hereby agrees to perform, upon the request of said assignee, or said assignee's successors or assigns, any and all acts relating to the obtaining or to the asserting of said patents, including any and all renewals, reissues and prolongations thereof.

AND said assignor authorizes and requests the Commissioner of Patents and Trademarks to issue Letters Patent on said application, and on any and all divisions and continuations thereof, to said assignee, and said assignee's successors and assigns, in accordance herewith.

ASSIGNMENT OF APPLICATION FOR UNITED STATES LETTERS PATENT Page 2 of 2

ASSIGNOR1:		ASSIGNOR2:	
Signature:	Wei-Chun Churf	Signature:	Chun-Kun Yu
Printed Name:	Wei-Chun CHANG	Printed Name:	Chun-Kun YU
Date:	2019/04/19	Date:	3019. 4.15
ASSIGNOR3:			
Signature:	Chien-Wei Sung		
Printed Name:	Chien-Wei SUNG		
Date:	2019,4.15		

載約專利顧問有限公司 Covenant IP Consulting Co. 佳世達編號 S18016 || 三達編號 US13647PA

RECORDED: 05/06/2019

PATENT REEL: 049087 FRAME: 0459