PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT				
NATURE OF CONVEYANCE:		ASSIGNMENT				
CONVEYING PARTY DATA						
N			ame	Execution Date		
MARK FRANCIS RUMREICH				06/28/2012		
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Property Ty	уре		Number			
Application Number: 14123		41237	741			
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ATTORNEY DOCKET NUMBER:		PU110054				
NAME OF SUBMITTER:		RICHARD LAPERUTA				
Signature:		/Richard LaPeruta, Reg. No. 51252/				
Date:		02/28/2014				
Total Attachments: 1 source=PU110054_Signed_Assignment#page1.tif						

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of 1 joint inventors (if plural inventors are named below) of the inventions relating to _____SERRATED SCAN FOR IMPROVING DISPLAY UNIFORMITY OF LASER MICRO PROJECTORS

described is on Analiantian for Data at the	• • • • • • •		
described in an Application for Patent filed on	June 3. 2011	under Serial No: 61/520.067	- A A A A A A A A A A A A A A A A A A A
		GIUGI GEIIGI NO. 01/320,007	and described in the file associated with

Docket No. PU110054 , isted above or, if not identified here by filing date and serial number or by the Docket Number listed above, executed by me on even date with my execution of this Assignment/Agreement.

For valuable consideration received, I hareby sell, assign and transfer to THOMSON LICENSING, a corporation duly organized and existing under the laws of the For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING, a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof. I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all title thereto in said corporation, its successors, assigns or nominees. I agree that i will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generative deventions onesible to all said corporations and when requested by said corporation and all the expense will testify in any legal proceedings, and generative deventions passible to aid said corporation. Its successors assigns and breat representatives or nominees to represent the said corporation or the representatives any facts known to me respecting said inventions and when requested by said corporation and at its expenses will testify in any legal proceedings.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to the proper protection for said inventions in any and all countries. I authorize and empower seld corporation, its successors assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions line its or the benefit of the right of priority provided by the International Convention of the Protection of Industrial Property, as amended, or by any convention which may henceforth be useful and to invoke and fail be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be proper protection for said inventions, and to daim the aloresaid benefits of the right of provided by the international Convention of the grade and corporation or its successors, assigns on nominees to apply for patent or other proper protection for said inventions, and to daim the aloresaid benefits of the right of priority provided by the international Convention which may henceforth be substituted for it. I covenant with THOMSON LICENSING, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	INDIANAPOLIS, INDIANA	Date	<u>Grain</u>			
Inventor (1)	Mark Francis RUMREICH	-	March Jus min Jun 1			
Post Office Address						
1st Witness	Heven Lee Cooper- (Type or Print) Charl Andrew Lakerre		(Signature in Full. No initiats)			
2ndWitness	Chad Andrew Leterre	•	(Signature in Full, NgaMitais)			
Signed at		Date				
Inventor (2)	(Type or Print)					
) p	ost Office Address		(Signature in Full No initials.)			
1st Witness	(Type or Print)					
2ndWitness	(Type or Print)		(Signature in Full. No initials.)			
Signed at	(1)po (1100)	Date	(Signature in Full_No initials.)			
Inventor (3)						
Po	(Type or Print)		(Signature in Full. No initials.)			
1st Witness						
2ndWitness	(Type or Print)		(Signature in Full. No initials.)			
	(Type or Print)		(Signature in Full. No initials.)			

After this Assignment has been recorded please RETURN to

Patent Operations THOMSON Licensing LLC PO Box 5312 Princetor, NJ 08543-5312

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RECORDED: 02/28/2014

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