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Ale	xand	lria, VA 22313-1450	Attorney Docket No. 154669						
Please record the attached document. Total number of pages including cover sheet, attachments, and document: 2									
1.	Α.	Name of conveying party: Brian William HOLMES	2. A. Name and address of receiving party:						
	В.	Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No	DE LA RUE INTERNATIONAL LIMITED DE LA RUE HOUSE, JAYS CLOSE, VIABLES, BASINGSTOKE, HAMPSHIRE, RG22 4BS, UNITED KINGDOM						
3.	A.	Nature of conveyance:	B. Additional name(s) & address(es) attached? ☐Yes ☒ No						
	\boxtimes	Assignment Merger							
		Security Agreement Change of Name							
		Other							
	В.	Execution Date: October 9, 2012							
4.	Α.	Patent Application No. 13/580,797	B. Patent No.(s)						
	Additional numbers attached? ☐ Yes ☒ No								
	C.	Title of Application: MOIRE MAGNIFICATION D	DEVICE						
5.		ne and address of party to whom correspondence cerning document should be mailed;	6. Total number of applications and patents involved: 1						
	Na	me: James A. Oliff	7. Please charge Deposit Account No. 15-0461 the total fee (37 CFR 3.41) in the amount of \$40.00.						
	Ad	idress: OLIFF & BERRIDGE, PLC P.O. Box 320850 Alexandria, VA 22320-4850 Phone Number: 703-836-6400 Fax Number: 703-836-2787	Credit any overpayment or charge any underpayment to deposit account number 15-0461.						
9.	To t	tement and signature. The best of my knowledge and belief, the foregoing information it is in a comment.	n is true and correct and any attached copy is a true copy of the						
		les A. Oliff, Registration No. 27,075 a K. Verryt, Registration No. 68,370	Date: October 24,2012						

PATENT REEL: 029209 FRAME: 0042

ASSIGNMENT

	Insert	(1)	Brian Willia	am HOLMES	(2)			
(1-8)	Name(s)	(3)			(4)		,, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	of Inventor(s)	(5)	***************************************		(6)	<u> </u>		
	or (o)	(7)			(8)			
		In cor	In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to					
(9)	Insert Name of Assignce	(9)	DE LA RUI	E INTERNATIONAL	LIMITED			
(10)	Insert Address of Assignee	(10)	(10) De La Rue House, Jays Close, Viables, Basingstoke, Hampshire, RG22 4BS, United Kingdom					
	(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and leg the entire right, title and interest for the United States of America as defined in 35 U.S.C. invention, and in all applications for patent including any and all provisional, non-provisicontinuation, international, confirmation, substitute and reissue application(s), and all Le extensions, reissues and reexamination certificates that may be granted on the invention is							
(11)	Insert Identification such as Title, Case Number, or Foreign	(11)	MOIRE MA	AGNIFICATION DE	VICE			
	Application Number	(Atto	mey Docket N	o. 154669)	
			for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or					
(12)	Insert Date of Signing	even	iate nerewith of					
,	of Application	(12)	on					
(13)	Alternative	(13)	U.S. Applicat	tion Number				
	Identification for	en. 4						
	filed applications 1) Each undersigned agree	filed	***					
claims (reexamino issue full right and agridentific	2) Each undersigned agreetion or patents for the inventiverference. 3) Each undersigned agree or provisions of the Internation 4) Each undersigned agreetination a grant of a valid Unity 5) Each undersigned authorany and all patents resulting at to convey the entire interested that this assignment is bith 6) Each undersigned hereteation that may be necessarytion of this document.	es to execute to perfect the states or izes and from said therein and ing on by grants	cooperate with oute all papers a vention for Pro- orm all affirma s patent to the / I requests the C d application(s assigned, and the Assignor and / the firm of OL	h the Assignee in ever and documents and p tection of Industrial tive acts which may Assignee. Commissioner of the) to the said Assigner hat he has not execut Assignor's heirs, succ ter & Berringe, pt	ery way possible erform any act v Property or simi be necessary to U.S. Patent and e, as Assignee o ed, and will not ressors, assigns of the power to	e in obtaining evidence a which may be necessary ilar agreements, obtain, maintain or conf Trademark Office and of the entire interest, and execute, any agreement and legal representatives insect on this assignmen	and going forward with in connection with firm by reissue or other issuing authorities covenants that he has (s) in conflict herewith, s.	
	In witness whereof, execu	ted by th	e undersigned	on the date(s) oppo	site the under	signed name(s).		
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	This assignment should pre then it should be signed before	ferably b	e signed before	: (a) a Notary Public	if within the U.			
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Date	qlulet			Witness	NM	Dones		
	1,100	<u> </u>			4.3	- Andrew Anna Anna Anna Anna Anna Anna Anna Ann		

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RECORDED: 10/24/2012