Form PTO-1595 (Rev. 10/02) 109784.0003OMB No. 0651-0027 (exp. 6/30/2005)

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U.S. DEPARTMENT OF COMMERCE

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e record the attached origin	nal documents or copy th	nereof. O	
Name and address of	receiving party(ies)	<u> </u>	
Name: HANA Microc	display Technologie	s, Inc. 50	
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To the Honorable Commissioner of Patents and Trademarks:	Please record the attached original documents or copy thereof.			
Name of conveying party(ies): Dean Eshleman	2. Name and address of receiving party(ies) Name: HANA Microdisplay Technologies, Inc. Internal Address: 170			
	Internal Address:			
Additional name(s) of conveying party(les) attached? The Yes No	75.			
3. Nature of conveyance:				
🕻 Assignment 🖵 Merger	2061 Case Parkway South Street Address:			
Security Agreement Change of Name	Street Address:			
Other	44007			
	City: Twinsburg State: OH Zip: 44007			
Execution Date:	Additional name(s) & address(es) attached? 📮 Yes 🛂 No			
4. Application number(s) or patent number(s): / 0 8 2	, , , , , , , , , , , , , , , , , , ,			
	* ' -			
If this document is being filed together with a new application, the execution date of the application is: 4/19/20				
A. Patent Application No.(s)	B. Patent No.(s)			
	ached? 📮 Yes 🛂 No			
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1			
Name: James C. Scott	7. Total fee (37 CFR 3.41)\$_40.00			
	Ç Enclosed			
Internal Address: 9th Floor, One Cleveland Center	Enclosed			
	Authorized to be charged to deposit account			
	8. Deposit account number:			
Street Address: 1375 East 9th Street	50-0959 referencing 109784.0003			
City: Cleveland State: Ohio Zip: 44114	(Attach duplicate copy of this page if paying by deposit account)			
DO NOT USE THIS SPACE				
9. Statement and signature.				
To the best of my knowledge and belief, the foregoing in is a true copy of the original document.	nformation is true and correct and any attached copy			
James C. Scott	April 19, 2004			
Name of Person Signing	Signature Date			
Total number of pages including cove	r sheet, attachments, and documents:			

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT

In consideration of the payment by ASSIGNEE to ASSIGNOR(S) of the sum of Ten Dollars (\$10.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

ASSIGNOR:	Name:	Dean Eshleman	
	Address:	771 Providence Ct., #104	
		Streetsboro, OH 44241	
Hereby sell, assign an	d transfer to:		
ASSIGNEE:	Name:	HANA Microdisplay Technologies, Inc.	
	Principal Place		
	Of Business:	2061 Case Parkway South, Unit 6	
		Twinsburg, Ohio 44087	
	State of		
	Incorporation:	Ohio	
		entatives of the ASSIGNEE the entire right, title and	
		al possessions, and in all foreign countries, including	
invention entitled:	orny in and to any and	all improvements which are disclosed in the	
	NON GINGUI AMION	V OF DEVICE A AMERICAN OF DETERMINE	
MULTI-ELEVAT	TON SINGULATION	N OF DEVICE LAMINATES & SUBSTRATES	
	(25 6 5 5 5 5 5 5 5		
and which is found in	(37 C.F.R. 3.21)		
U.S. patent applica	ation noexec	cuted on theday of2004.	
To comply wit	th 27 CED 2 21 for m	paordal of this assignment was as ASSICNOR(S)	
		ecordal of this assignment, we, as ASSIGNOR(S) request our attorney to insert below the filing date	
and application	n number when they be	ecome known.	
U.S. Applicati	on No, file	ed on	

PATENT REEL: 015276 FRAME: 0720

Docket No. 109784.0003

And any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for such invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent, any reissue or reexamination thereof.

ASSIGNOR(S) hereby covenant that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR(S) further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR(S) and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instrument or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

Sign	ned at TWINSBUR	<u>c-</u> , _	0170	on this
	(City)		(State)	
/3 day	of APRIL	_, 2004.		
(day)	(Month)			

Dean Eshleman

RECORDED: 04/19/2004

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PATENT REEL: 015276 FRAME: 0721