## 502640246 01/17/2014

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

Total Attachments: 2

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EPAS ID: PAT2686854

Stylesheet version	v 1.2					
SUBMISSION TYPE:			NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT			
CONVEYING PARTY	DATA					
<u> </u>			ame	Execution Date		
DAVID M KANE				12/09/2013		
RECEIVING PARTY DATA						
Name:	ARETE ASSOCIATES					
Street Address:	9301 CORBIN AVENUE					
Internal Address:	SUITE 2000					
City:	NORTHRIDGE					
State/Country:	CALIFORNIA					
Postal Code:	91324					
PROPERTY NUMBERS Total: 1						
Property Type			Number			
Patent Number: 77327		77327	'51			
CORRESPONDENCE DATA						
Fax Number:  Email: alex@furmaniplaw.com  Correspondence will be sent via US Mail when the email attempt is unsuccessful.  Correspondent Name: WM. ALEX FURMAN  Address Line 1: PO BOX 1575  Address Line 4: BOULDER, COLORADO 80306						
NAME OF SUBMITTER:			WM. ALEX FURMAN			
Signature:			/Wm. Alex Furman/			
Date:			01/17/2014			

502640246 PATENT REEL: 031991 FRAME: 0607

Attorney Docket No.: ARA-b08

## ASSIGNMENT OF PATENT APPLICATION BY INVENTOR

Whereas I, an undersigned inventor (hereinafter "INVENTOR"), have invented certain inventions as set forth in the patent application entitled:

## OPTICAL SYSTEMS AND METHODS USING MICROELECTROMECHANICAL-SYSTEMS MIRRORS EXCEDING THIRTY MICRONS

for which I have executed a U.S. patent application on even date herewith.	
☑ which bears U.S. application serial No. 11/796,603, and now US Patent 7,732,751	
for which I have executed a patent application in the country of date herewith.	on even
☐ which I have executed a U.S. provisional application on even date herewith.	
which is a U.S. provisional application which bears U.S. application serial No	,
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, an undersigned inventor, hereby:	

- (a) Sell, assign and transfer to Areté Associates, 9301 Corbin Avenue, Suite 2000 Northridge, CA 91324 (hereinafter "ASSIGNEE"), (1) the entire right, title and interest, and any and all revenues and rights to revenue, for any purpose, associated with commercialization, everywhere in the world, to (A) any and all inventions described in said Application, (B) said Application, (C) any patent that may be granted thereof, (D) any patent applications or patents which may claim priority of (or serve as the basis for a priority claim by) said Application (including but not limited to continuations, divisions, continuations-in-part, substitutes, reissues, reexaminations or extensions thereof, together with all priority rights and counterpart applications under any existing or future international patent conventions, agreements or treaties), and;(2) the right to sue third parties for patent infringement (including but not limited to damages) accruing based on activities occurring prior to the execution date hereof.
- (b) Authorize and request the Commissioner of Patents to issue any and all United States Patents resulting from said application or any division, continuation, substitute, renewal, reexamination or reissue thereof to the ASSIGNEE.
- (c) Agree to execute all papers and documents and, entirely at the ASSIGNEE's expense, and to communicate to the ASSIGNEE any facts known to us respecting the improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative

PATENT REEL: 031991 FRAME: 0608

Attorney Docket No.: ARA-b08

applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.

- (d) Warrant and covenant that no other assignment, license, contract, understanding, interest or other grant to any third party with respect to any of the foregoing has been made, or shall in the future be made, by or on behalf of INVENTOR.
- (e) Covenant not to challenge the validity or enforceability of any of the patent applications or patents assigned to ASSIGNEE hereunder.
- (f) Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon the INVENTOR, as well as the INVENTOR's heirs, legal representatives and assigns.
- (g) Authorize and request my attorney/agent to insert above the application number in order to assist with recording of this assignment or any other information necessary to perfect this assignment.

assignment.	
IN TESTIMONY-WHEREOF, I, David M. Kane	have avacuted this decrement on the data
and the state of t	have executed this document on the date
indicated below	
	1. 1.1
The state of the s	12/0/15
Signature of Inventor	Date
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The same of the sa	
Inventor's City, State of residence	
inventor's City, State of residence	
Witnessed by:	
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Cignature of Witness	Date
Signature of Witness	Date
	1/1/12
raul Lundamist	- Para At
Print Witness Name	Witness' City, State of residence
	•
(2) (1901) 100 PHI A	12/9/2013
Signature of Witness	Date
•	
LASSIE VOLLMER	TUCSON, AZ
Print Witness Name	Witness' City, State of residence