

TRADEMARK ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:	Confirmation of Grant of Security Interest		
CONVEYING PARTY DATA			
Name	Formerly	Execution Date	Entity Type
EM4, Inc.		06/24/2008	CORPORATION: DELAWARE
RECEIVING PARTY DATA			
Name:	MMV Finance Inc.		
Street Address:	95 Wellington Street West		
Internal Address:	22nd Floor		
City:	Toronto, Ontario		
State/Country:	CANADA		
Postal Code:	M5J2N7		
Entity Type:	CORPORATION: CANADA		
PROPERTY NUMBERS Total: 1			
Property Type	Number	Word Mark	
Registration Number:	2968006	POWERNETIX	
CORRESPONDENCE DATA			
Fax Number:	(919)416-8328		
	<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>		
Phone:	9192868041		
Email:	pto_tmconfirmation@mvalaw.com		
Correspondent Name:	Moore & Van Allen PLLC		
Address Line 1:	430 Davis Drive		
Address Line 2:	Suite 500		
Address Line 4:	Morrisville, NORTH CAROLINA 27560		
ATTORNEY DOCKET NUMBER:	13906-000000 AIRD & BIRD		
DOMESTIC REPRESENTATIVE			
Name:	Arlene D. Hanks		
Address Line 1:	430 Davis Drive		

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Address Line 2: Suite 500
Address Line 4: Morrisville, NORTH CAROLINA 27560

NAME OF SUBMITTER:	Arlene D. Hanks
Signature:	/Arlene D. Hanks/
Date:	06/26/2008

Total Attachments: 2
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CONFIRMATION OF GRANT OF SECURITY INTEREST

This will confirm that, pursuant to a general security agreement (hereinafter referred to as the "GSA") dated June 24, 2008 between EM4, Inc., a corporation organized under the laws of the State of Delaware (hereinafter referred to as "EM4"), whose full post office address is 7 Oak Park Drive, Bedford, MA 01730 and MMV Finance Inc. (hereinafter referred to as "MMV"), a specialty finance corporation incorporated under the laws of Canada, whose full post office address is 95 Wellington Street West, 22nd Floor, Toronto, Ontario, M5J 2N7, and for good and valuable consideration, the receipt and sufficiency of which are hereby confirmed and acknowledged, EM4 confirms that it has granted to MMV a security interest, lien and charge in all of EM4's right, title and interest in and to the intellectual property listed on the Schedule attached hereto, including, without limitation, the copyrights, trademarks, patents and trademark and patent applications and registrations listed therein, and in and to any and all continuations, continuations-in-part, updates, developments, divisions, reissues and re-examinations which issue therefrom, subject to the terms of the GSA.

EXECUTED at Bedford, Massachusetts as of this 24th day of June, 2008.

EM4, INC.

By: 

Name: BASIL GARABET

Title: CEO

TRADEMARK

REEL: 003804 FRAME: 0202

SCHEDULE OF INTELLECTUAL PROPERTY

Number	Patent Title	Status
60/236,934 09/880980	Thermally and mechanically stable low-cost, high thermal conductivity structure for single-mode fiber coupling to laser diode	Issued: 03/23/2004
60/395,286 10/424006	System and method for getting gas-phase contaminants within a sealed enclosure	Issued: 01/09/2007
11/207,016	Flexible compound eye image sensor design	Issued: 11/20/07
11/864,087	Flexible substrate with etched lens array	Filed: 09/28/2007
11/097,786	Wavelength stabilization for broadband light sources	Fee paid: 12/14/2007
11/495,389	Reducing heating from non-coupled light in power transmitting optical fibers	Fee paid: 12/5/2007
11/737,580	Alignment with thin bonding layer of optical components	Filed: 04/19/2007
11/261,261	Package for optical components	Pending Response to Final OA due
60/834,256	System and method for built-in testing of a fiber optic transceiver	Filed: 07/30/2007
60/945,796	Hermetic fiber feed-through	Filed 06/22/2007

TRADE-MARK

USA trade mark registration #2968006 for **POWERNETIX**.