PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: **ASSIGNMENT**

CONVEYING PARTY DATA

Name	Execution Date
Lumera Corporation	05/19/2009

RECEIVING PARTY DATA

Name:	GigOptix, Inc.	
Street Address:	2400 Geng Road, Suite 100	
City:	Palo Alto	
State/Country:	CALIFORNIA	
Postal Code:	94303	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10625371

CORRESPONDENCE DATA

Fax Number: (425)455-1046

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

425-455-5575 Phone: Email: rfung@graybeal.com Correspondent Name: Graybeal Jackson LLP

Address Line 1: 155 - 108th Avenue NE, Suite 350 Address Line 4: Bellevue, WASHINGTON 98004

ATTORNEY DOCKET NUMBER: 2652-053-03

NAME OF SUBMITTER: Christopher A. Wiklof

Total Attachments: 3

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REEL: 022905 FRAME: 0533

PATENT 500901214

ASSIGNMENT

WHEREAS Lumera Corporation (hereinafter "ASSIGNOR"), a juristic entity of the State of Washington having a principle place of business at 19910 North Creek Parkway, Suite 100, Bothell, WA 98011, is the owner of the entire right, title, and interest in and to the invention(s) disclosed, described, embodied, exemplified, and/or inherent in the United States letters patent(s) entitled, "POLYMERS HAVING PENDANT NONLINEAR OPTICAL CHROMOPHORES AND ELECTRO-OPTIC DEVICES THEREFROM", Patent No. 7,019,453, issued on March 28, 2006;

WHEREAS GigOptix, Inc. (hereinafter "ASSIGNEE"), a juristic entity of the State of Delaware having a principle place of business at 2400 Geng Road, Suite 100, Palo Alto, CA 94303, is desirous of acquiring the entire right, title, and interest in and to the invention(s), application(s), and/or any letters patent(s) that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns, and transfers unto said ASSIGNEE the entire right, title, and interest in and to said invention(s), said application(s), including any and all nonprovisional application(s) for letters patent(s) claiming priority thereto, and any and all letters patent(s) which may be granted therefor in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisional, reissue, continuation, continuation-in-part, and substitute application(s) thereof, including the right to file any foreign application(s) directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application(s) to which said foreign application(s) are entitled by virtue of international convention, treaty, or otherwise, said invention(s), application(s) and any and all letters patent(s) granted therefor to be held and enjoyed by ASSIGNEE, its successors, and assigns as fully and entirely as same would have been held and enjoyed by ASSIGNOR had this assignment, transfer, and sale not been made;

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ASSIGNOR hereby authorizes and request the Director of the United

States Patent and Trademark Office to issue any and all letters patent(s) on said

invention(s) to ASSIGNEE;

ASSIGNOR hereby covenants that no assignment, sale, agreement, or

encumbrance has been or will be made which would conflict with this assignment;

ASSIGNOR further transfers and assigns to ASSIGNEE all causes of

action, rights, and remedies arising under any such application(s) for United States

and/or foreign letters patent(s) on said invention(s) prior to or after the effective date of

this Assignment;

ASSIGNOR agrees to execute all instruments and documents required for

the making and prosecution of applications for any and all application(s) for United

States and/or foreign letters patent(s) on said invention(s), for litigation regarding any

and all application(s) and/or letters patent(s), and/or for the purpose of protecting title to

said invention(s), application(s), and/or letters patent(s) therefor; and

ASSIGNOR hereby authorizes inventor(s) of invention(s) disclosed,

described, embodied, exemplified, and/or inherent in such application(s) for United

States letters patent(s) and such United States letters patent(s) to cooperate with

ASSIGNEE, its successors, and assigns for purposes including drafting and prosecution

of any and all such United States letters patent(s) on said invention(s), and to execute

assignment documents directly to ASSIGNEE as fully and entirely as same would have

been held and enjoyed by ASSIGNOR had this assignment, transfer, and sale not been

made.

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I hereby certify that I know or have satisfactory evidence that Avi Katz is the person who appeared before me on the date specified above, and that said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Printed Name of Notary Public :

My appointment expires

1-14-2012

CANGARA

AND ME

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PATENT RECORDED: 07/01/2009 REEL: 022905 FRAME: 0536