

05-29-2002




102104733

COVER SHEET
PATENTS ONLY

Substitute Form PTO-1595
Attorney Docket No.: 13445-008001
Client's Ref. No.: 6101 - Dispersion Compensating Fiber

Commissioner for Patents: Please record the attached original document(s) or copy(ies).

1. Name of conveying party(ies): <u>5-23-02</u> Steven G. Johnson, Mihai Ibanescu, Ori Weisberg, Yoel Fink, John D. Joannopoulos, Maksim Skorobogatiy, Torkel Engeness, Marin Soljadic, Steven A. Jacobs and Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		2. Name and address of receiving party(ies): OmniGuide Communications One Kendall Square Building 100, 3rd Floor Cambridge, MA 02139 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: 4/17/02			
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): <u>10/057,440</u> B: Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name/address of party to whom correspondence concerning document should be mailed: ERIC L. PRAHL Fish & Richardson P.C. 225 Franklin Street Boston, Massachusetts 02110-2804		6. Total number of applications/patents involved: 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.	
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i> Marc M. Wefers* for Eric L. Prah Reg. No. 32,590 Name of Person Signing  Signature 5/2/02 Date Total number of pages including coversheet, attachments and document: 12			

OFFICE OF THE COMMISSIONER OF PATENTS
MAY 23 11 7 37
FINANCE SECTION

05/28/2002 AMWED1 00000090 10057440
01 FC:581 40.00 00


DO NOT USE THIS SPACE

*See attached document certifying that Marc M. Wefers has limited recognition to practice before the U.S. Patent and Trademark Office under 37 C.F.R. §10.9(b).

20429168.doc

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

I hereby certify under 37 CFR §1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated below and is addressed to the Commissioner of Patents, Washington, D.C. 20231.

May 9, 2002
Date of Deposit

Signature
Laura Murphy
Typed Name of Person Signing Certificate

PATENT
REEL: 012922 FRAME: 0843

ASSIGNMENT

For valuable consideration, we, STEVEN G. JOHNSON of 305 Memorial Drive, #404B, Cambridge, MA 02139, MIHAI IBANESCU of 305 Memorial Drive, #615-B, Cambridge, MA 02139, ORI WEISBERG of 195 Binney Street, Apt. 4411, Cambridge, MA 02142, YOEL FINK of 100 Memorial Drive, #8-13B, Cambridge, MA 02142, JOHN D. JOANNOPOLOUS of 64 Douglas Road, Belmont, MA 02478, MAKSIM SKOROBOGATIY of 116 Washington Street, #63, Brighton, MA 02135, TORKEL ENGENESS of 48 Concord Avenue, #1, Somerville, MA 02143, MARIN SOLJACIC of 67 Fairfax Street, Somerville, MA 02144, STEVEN A. JACOBS of 249 Warren Street, Needham, MA 02492, hereby assign to:

OmniGuide Communications, a Delaware corporation having a place of business at:

One Kendall Square
Building 100, 3rd Floor
Cambridge, MA 02139; and

its successors and assigns (collectively hereinafter called "the Assignee"), the entire right, title and interest throughout the world in the inventions and improvements which are subject of an application for United States Patent signed by us, entitled PHOTONIC CRYSTAL OPTICAL WAVEGUIDES HAVING TAILORED DISPERSION PROFILES, filed January 25, 2002 and assigned U.S. Serial Number 10/057,440; this assignment including said application, any and all United States and foreign patents, utility models, and design registrations granted for any of said inventions or improvements, and the right to claim priority based on the filing date of said application under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purposes; and we authorize the Assignee to apply in all countries in our name or in its own name for patents, utility models, design registrations and like rights of exclusion and for inventors' certificates for said inventions and improvements; and we agree for ourselves and our respective heirs, legal representatives and assigns, without further compensation to perform such lawful acts and to sign such further applications, assignments, Preliminary Statements and other lawful documents as the Assignee may reasonably request to effectuate fully this assignment.

IN WITNESS WHEREOF, I hereto set my hand and seal at MIT,

this 17 day of April, 2002.

Steven G. Johnson L.S.
STEVEN G. JOHNSON

State of MA :

: ss.

County of Middlesex :

Before me this 17th day of April, 2002, personally appeared STEVEN G. JOHNSON known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Francis M. Page
Notary Public

My Commission Expires: Jan 22, 2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at MIT,

this 17 day of APRIL, 2002.

MIHAI IBANESCU L.S.

State of MA :

: ss.

County of Middlesex :

Before me this 17th day of April, 2002, personally appeared MIHAI IBANESCU known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Francis M Page
Notary Public

My Commission Expires: Jan 22, 2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at OmniGuide

this 17 day of April, 2002.

ORI WEISBERG L.S.
ORI WEISBERG

State of MA :

: ss.

County of Middlesex :

Before me this 17th day of April, 2002, personally appeared ORI WEISBERG known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Nella N. Cohen
Notary Public

My Commission Expires: April 10, 2009

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at MIT,

this 17 day of April, 2002.

Yoel Fink L.S.
YOEL FINK

State of MA :

: ss.

County of Middlesex :

Before me this 17th day of April, 2002, personally appeared YOEL FINK known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Francisco M Page
Notary Public

My Commission Expires: Jan 22, 2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at MIT,

this 17 day of APRIL, 2002.

[Signature] L.S.
JOHN D. JOANNOPOULOS

State of MA :

: ss.

County of Middlesex :

Before me this 17th day of April, 2002, personally appeared JOHN D. JOANNOPOULOS known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

[Signature]
Notary Public

My Commission Expires: Jan 22, 2004

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at Omni Guide,
this 17 day of April, 2002.

MAKSIM SKOROBOGATIY L.S.

State of MA :

: ss.

County of Middlesex :

Before me this 17th day of April, 2002, personally appeared
MAKSIM SKOROBOGATIY known to me to be the person whose name is subscribed to the
foregoing Assignment and acknowledged that he executed the same as his free act and deed for
the purposes therein contained.

Nella N. Cohen
Notary Public

My Commission Expires: April, 10 2009

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at OmniGuide

this 17 day of April, 2002.

Torkel Engeness
TORKEL ENGENESS L.S.

State of MA :

: ss.

County of Middlesex :

Before me this 17th day of April, 2002, personally appeared TORKEL ENGENESS known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Nella N. Cohen
Notary Public

My Commission Expires: April 10, 2009

[Notary's Seal Here]

IN WITNESS WHEREOF, I hereto set my hand and seal at MIT,

this 17th day of APRIL, 2002.

Marin Soljacic L.S.
MARIN SOLJACIC

State of MA :

: ss.

County of Middlesex :

Before me this 17th day of April, 2002, personally appeared MARIN SOLJACIC known to me to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he executed the same as his free act and deed for the purposes therein contained.

Francis M Page
Notary Public

My Commission Expires: Jan 22, 2004

[Notary's Seal Here] ✓

IN WITNESS WHEREOF, I hereto set my hand and seal at OmniGuide,
this 17 day of April, 2002.
Steven A. Jacobs L.S.
STEVEN A. JACOBS

State of MA :
: ss.
County of Middlesex :

Before me this 17th day of April, 2002, personally appeared
STEVEN A. JACOBS known to me to be the person whose name is subscribed to the foregoing
Assignment and acknowledged that he executed the same as his free act and deed for the
purposes therein contained.

Nelta M. Cohen
Notary Public
My Commission Expires: April 10, 2009

[Notary's Seal Here]

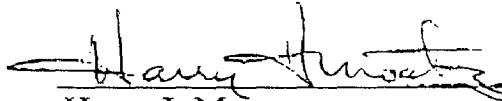
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE
UNITED STATE PATENT AND TRADEMARK OFFICE**

LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)

Marc M. Wefers is hereby given limited recognition under 37 CFR §10.9(b) as an employee of Fish & Richardson P.C., to prepare and prosecute patent applications wherein the patent applicant is the client of Fish & Richardson P.C. and the attorney or agent of record in the applications is a registered practitioner who is a member of Fish & Richardson P.C. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Marc M. Wefers ceases to lawfully reside in the United States, (ii) Marc M. Wefers' employment with Fish & Richardson P.C. ceases or is terminated, or (iii) Marc M. Wefers ceases to remain or reside in the United States on an H-1B visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

Expires: January 7, 2003



Harry I. Moatz
Director of Enrollment and Discipline