Substitute Form PTO-1595 Attorney Docket No.: 13445-037001 Client's Ref. No.: OG21

#### RECORDATION FORM COVER SHEET **PATENTS ONLY**

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
Name of conveying party(les):	Name and address of receiving party(ies):
James Goell, Marin Soljacic, Steven A. Jacobs, Tairan Wang, Gokhan Ulu, Burak Temelkuran and Steven G. Johnson Additional name(s) attached? 口Yes 图 No	OmnlGuide, Inc. One Kendall Square Building 100, 3rd Floor Cambridge, MA 02139
3. Nature of conveyance:	
<ul> <li>☑ Assignment</li> <li>☐ Merger</li> <li>☐ Security Agreement</li> <li>☐ Change of Name</li> <li>☐ Other:</li> </ul>	Additional names/addresses attached? 디 Yes 및 No
Execution Date: 10/18/2006; 10/16/2006; 09/27/2006; 09/27/2006; 09/27/2006; 09/27/2006; 09/27/2006; 09/27/2006; 10/16/2006	Additional names/addresses attached: Li Tes Li No
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).:	B: Patent No(s).:
11/366,345	
Additional numbers attached? ☐ Yes 図 No	
Name/address of party to whom correspondence concerning document should be mailed:	6. Total number of applications/patents involved: 1
MARC M. WEFERS, PH.D., J.D. Fish & Richardson P.C. 225 Franklin Street	7. Total fee (37 CFR §3.41): \$40 ☐ Enclosed ☑ Authorized to charge Deposit Account.
Boston, MA 02110	Deposit Account No.: 06-1050     Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
and an and	
9. Statement and Signature: To the best of my knowledge and bellef, the foregoing information is true and correct and any attached copy is a true copy of the original document.	
Chris C. Bowley  Reg. No. 55,016  Name of Person Signing  Signature	11/13/2006 Date
Total number of pages Including coversheet, attachments and document: 9	

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#### CERTIFICATE OF TRANSMISSION BY FACSIMILE

I hereby certify that this correspondence is being transmitted by facsimile to the Patent and Trademark Office on the date indicated below.

November 13, 2006 Date of Transmission

Mary Florezak
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**PATENT** 

NOV. 13. 2006 1:08PM (1) FISHRICHARDSON16175428906 NO. 4492 P. 3/10

Attorney Docket No: 13445-037001/OG21

#### <u>ASSIGNMENT</u>

For valuable consideration, we, <u>James Goell</u>, of 6 Boxwood Lane, Lexington, MA 02420; Marin Soljacic, of 67 Fairfax Street, Somerville, MA 02144; Steven A. Jacobs, of 249 Warren Street, Needham, MA 02492; Tairan Wang, of 39 Judith Lane, Apt. 8, Waltham, MA 02452; Gokhan Ulu, of 111 WELD STREET, Roslindale, MA 02131; Burak Temelkuran, of 39 Hemenway Street, Apt. #10, Boston, MA 02115; and Steven G. Johnson, of 998 Memorial Drive, Unit #287, Cambridge, MA 02138; hereby assign to OMNIGUIDE, INC., a corporation of Delaware, 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 FIBERS HAVING A PREFERRED BENDING PLANE AND SYSTEMS THAT USE SUCH FIBERS, filed March 2, 2006, and assigned U.S. Serial Number 11/366,345, 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.

NO. 4492 P. 4/10

Attorney Docket No: 13445-037001/OG21

DATE: 10-18-06

JAMES GOELL

STATE OF Madachuse ) ss.

WITNESS my hand and official seal.

SWART NO SWA

Notary Public

NO. 4492 P. 5/10

Attorney Docket No: 13445-037001/OG21

DATE: 16th OCT 06

MARIN SOLJACIC

STATE OF <u>MODOCHUSEKS</u>) SS COUNTY OF <u>MODOCHUSEKS</u>

on 10-16-06 before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared MARIN SOLJACIC personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his or her authorized capacity and that by his or her signature on this Assignment, the person or the entity upon behalf of which the person acted, executed this Assignment.

WITNESS my hand and official seal.

RANDI SI NA OF MASSING CARRY PUBLISHED

Notary Public

NO. 4492 P. 6/10

Attorney Docket No: 13445-037001/OG21

DATE: 9/27/06

STEVEN A. JACOBS

STATE OF MODY (NUMBER) SS

On \_\_\_\_\_\_\_\_, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared STEVEN A. JACOBS personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

Notary Public

NO. 4492 P. 7/10

Attorney Docket No: 13445-037001/OG21

DATE: 9/27/06

TAIRAN WANG

STATE OF (MASSOCHUS ?TTS)

COUNTY OF MILLIAUX

SS.

On Such the Quite of Massachusetts, there personally appeared TAIRAN WANG personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his or her authorized capacity and that by his or her signature on this Assignment, the person or the entity upon behalf of which the person acted, executed this Assignment.

WITNESS my hand and official seal.

PANDI SILIPINA DI SILIPINA DI

Notary Public

NO. 4492 P. 8/10

Attorney Docket No: 13445-037001/OG21

DATE: 9/27/06

GOKHAN ULU

STATE OF MODOCHUOUS SS

On \_\_\_\_\_\_\_\_\_, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared GOKHAN ULU personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his or her authorized capacity and that by his or her signature on this Assignment, the person or the entity upon behalf of which the person acted, executed this Assignment.

WITNESS my hand and official seal.

SON PARTIES ON PARTIES

Notary Public

NO. 4492

Attorney Docket No: 13445-037001/OG21

DATE: 09/17/206

STATE OF MODERNISONS
COUNTY OF WOODLINE

9-37-06 , before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared BURAK TEMELKURAN personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his or her authorized capacity and that by his or her signature on this Assignment, the person or the entity upon behalf of which the person acted, executed this Assignment.

WITNESS my hand and official seal.

NO. 4492 P. 10/10

Attorney Docket No: 13445-037001/OG21

DATE: 16 Oct. 2006

VIEVEN G. JOHNSON

STATE OF Maddlesix ss

On October, before me, the undersigned, a notary public for the State of Massachusetts, there personally appeared STEVEN G. JOHNSON personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to this Assignment, who acknowledged having executed the same in his authorized capacity and that by his signature on this Assignment, the person or the entity upon behalf of which he acted, executed this Assignment.

WITNESS my hand and official seal.

FANDI OF MASSING

Notary Public

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Attorney's Docket No.: 13445-037001

Client's Ref. No.: OG21

## OFFICIAL COMMUNICATION FACSIMILE

### TO THE ATTENTION OF:

### MAIL STOP ASSIGNMENT

# MAIL STOP ASSIGNMENT FAX NO: 571/273-0140

Number of pages including this page 10

Art Unit : 2874 Applicant: James Goell et al.

Examiner: Serial No.: 11/366,345

: March 2, 2006 Filed

FACSIMILE COMMUNICATION

: PHOTONIC CRYSTAL FIBERS HAVING A PREFERRED BENDING PLANE Title

AND SYSTEMS THAT USE SUCH FIBERS

## MAIL STOP ASSIGNMENT RECORDATION SERVICES

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Attached to this facsimile communication cover sheet is a Recordation Form Cover Sheet and Assignment, faxed this 13th day of November, 2006, to Mail Stop Assignment Recordation

Services, U.S. Patent and Trademark Office.

Date: November 13, 2006

Reg. No. 55,016

PTO Customer No. 26161 Fish & Richardson P.C. 225 Franklin Street Boston, MA 02110

Telephone: (617) 542-5070

Fax: (617) 542-8906

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**RECORDED: 11/13/2006**