Substitute Form PTO-1595 Attorney Docket No.: 13445-007001 Client's Ref. No.: 6065A

RE

102136151

EET

Commissioner for Patents: Please record the attached original document(s) or copy(ies). 2. Name and address of receiving party(ies): 1. Name of conveying party(ies): Max Shurgalin, Yoel Fink, Steven G. Johnson, OmniGuide Communications Mihai Ibanescu One Kendall Square Building 100, 3rd Floor Additional name(s) attached? ☐ Yes 図 No Cambridge, MA 02139 3. Nature of conveyance: 6.18.02 Assignment □ Merger ☐ Security Agreement ☐ Change of Name Other: Additional names/addresses attached? ☐ Yes ☑ No Execution Date: 4/18/02; 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).: B: Patent No(s) .: 10/090,903 Additional numbers attached?

Yes

No 5. Name/address of party to whom correspondence concerning 6. Total number of applications/patents involved: 75 document should be mailed: ERIC L. PRAHL 7. Total fee (37 CFR §3.41): \$40 Fish & Richardson P.C. ☑ Enclosed 225 Franklin Street ☐ Authorized to charge Deposit Account. Boston, Massachusetts 02110-2804 8. 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 9. Statement and Signature: 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. Marc M. Wefers* for 5/28/02 Eric L. Prahl Reg. No. 32,590 Name of Person Signing Signature Total number of pages including coversheet, attachments and document: 7

*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).

20429176.doc

06/25/2002 LMJELLER 00000210 10090903

01 FC:581

40.00 DP

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,

PATENT

REEL: 013014 FRAME: 0871

ASSIGNMENT

For valuable consideration, we, MAX SHURGALIN of 16 Old Colony Lane, #12, Arlington, MA 02476, YOEL FINK of 100 Memorial Drive, #8-13B, Cambridge, MA 02142, STEVEN G. JOHNSON of 305 Memorial Drive, #404B, Cambridge, MA 02139, MIHAI IBANESCU of 305 Memorial Drive, #615-B, Cambridge, MA 02139, of, 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 OPTICAL WAVEGUIDE MONITORING, filed March 5, 2002, and assigned U.S. Serial Number 10/090,903; 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 10mmi Guido Ca	mmunications
this / 18 day of / April , 2002.	
the huy	L.S.
MAX SHURGALIN	
State of / MA :	
: ss. County of / Midellesex:	
Before me this 18th day of April , 2002, personally a	
MAX SHURGALIN known to me to be the person whose name is subscribed to the fo	
Assignment and acknowledged that he executed the same as his free act and deed for the	ne
purposes therein contained.	
Notary Public My Commission Expires: April 10 [Notary's Seal Here]	2009

IN WITNESS WHEREOF, I hereto set my hand and seal at \(\int \mathbb{I} \tag{\tag{T}} \)	
this 7 day of April , 2002.	
Youl The	L.S.
YOEL FINK	
State of :	
: ss. County of Middlesy :	
Before me this 17th day of April , 2002, personally ap	ppeared
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	e
purposes therein contained.	
Granero Mage	
Notary Public My Commission Expires: Jan 22, 6	~ <i>~~</i> /
My Commission Expires: Jan dd, o	1007
[Notary's Seal Here]	

IN WITNESS WHEREOF, I hereto set my hand and seal at / MIT,
this
Helm G. Johnson L.S.
STEVEN G. JOHNSON
State of /////::
: ss. County of Middlesuf:
Before me this day of, 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.
Notary Public 1
My Commission Expires: And 22, 2004
[Notary's Seal Here]

Attorney Docket No: 13445-007001/6065A IN WITNESS WHEREOF, I hereto set my hand and seal at ______, this day of APRIL , 2002.

/ LLS.

MIHAI IBANESCU State of / MA : : ss. County of Middlesey: Before me this // 7th 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. Notary Public

My Commission Expires: Jan 22, 2004

[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' 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

RECORDED: 06/18/2002

Harry I. Moatz

Director of Enrollment and Discipline