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Substitute Form PTO-1595 Attorney Docket No.: 13445-018002

RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).				
Name of conveying parties:	Name and address of receiving party:			
Emilla G. Anderson, Yoel Fink, Lori Pressman and Wesley A. King	OmniGuide Communications One Kendall Square Building 100, 3rd Floor Cambridge, MA 02139			
Additional name(s) attached? ☐ Yes 図 No				
3. Nature of conveyance:				
函 Assignment □ Merger □ Security Agreement □ Change of Name □ Other:				
Execution Date: April 19, 2002; April 19, 2002; April 19, 2002; and April 25, 2002	Additional names/addresses attached? ☐ Yes ☒ 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).:			
11/152,393				
Additional numbers a	ttached? ☐ Yes 図 No			
 Name/address of party to whom correspondence concerning document should be mailed: 	6. Total number of applications/patents involved: 1			
CHRIS C. BOWLEY	7. Total fee (37 CFR §3.41): \$40			
Fish & Richardson P.C.	□ Enclosed			
225 Franklin Street	☑ Authorized to charge Deposit Account.			
Boston, MA 02110	8. Deposit Account No.: 06-1050			
	Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.			
DO NOT US	E THIS SPACE			
Statement and Signature: To the best of my knowledge and any attached copy is a true copy of the original document.	d belief, the foregoing information is true and correct and nt.			
Chris C. Bowley Reg. No. 55,016 Name of Person Signing Signature	Date 9/18/2005			
То	tal number of pages including coversheet, attachments and document: 6			

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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.

September 13, 2005
Date of Transmission

Signature

Typed Part Person Signing Certificate

REEL: 016790 FRAME: 0071

(3) FISH & RICHARDSON 6175428906 NO. 3426 P. 3 SEP. 13. 2005 3:36PM Attorney Docket No: 13445-018 / 6103 - Dielectric Materials

ASSIGNMENT

For valuable consideration, we, WESLEY A. KING of 120 Sutherland Road, #7, Brighton, MA 02135, EMILIA ANDERSON of 17A Arlington Street, Cambridge, MA 02140, YOEL FINK of 100 Memorial Drive, #8-13B, Cambridge, MA 02142, LORI PRESSMAN of Four Crawford Street, #6, Cambridge, MA 02139, 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 HIGH INDEX-CONTRAST FIBER WAVEGUIDES AND APPLICATIONS, filed April 12, 2002, and assigned U.S. Serial _____, and we authorize and request the attorneys appointed in said Number __10/123,072_ application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known; 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.

> PATENT REEL: 016790 FRAME: 0072

	ARDSON 6175428906		O. 3426 P. 4
Attorney	Docket No: 13445-018	/6103 - Die	lectric Materials
· IN WITNESS WHEREOF, I hereto set	my hand and seal at	mai Cride	
this day of Hori [, 20 <u></u>		L.S.
WESLEY A. KINC			1.5.
WESLET A. KINC			
44.0			
State of :			
: ss.			1
: ss. County of Middlesex :			
Before me this <u>1944</u> day or	Apoil	_, 20 02.	, personally
appeared WESLEY A. KING known to r	ne to be the person whos	se name is subs	cribed to the
foregoing Assignment and acknowledged	that he executed the san	ne as his free ac	et and deed for
			•
the purposes therein contained.			
	Wella N	V. Cohe	u
	Notary Public	Λi	
	Notary Public My Commission Expire	es: April	10,2009

[Notary's Seal Here]

PATENT REEL: 016790 FRAME: 0073

P. 13. 2005 3:37PM (3) FISH & RICHARDSON 6175428906 NO. 3426 P. 5
Attorney Docket No: 13445-018 /6103 - Dielectric Materials
. IN WITNESS WHEREOF, I hereto set my hand and seal at
this 13 day of April ,20
this 19 day of April , 20
EMILIA ANDERSON
State of:
County of Middlesex :
County of The Co
Before me this 19th day of April , 2002, personally
appeared EMILIA ANDERSON 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.
Wella N. Cohon
Notary Public
Notary Public My Commission Expires: April 10. 2009

[Notary's Seal Here]

SEP. 13. 2005	3:37PM	(3) FISH & RICH	HARDSON 617542890	6 _	NO. 3426 P. 6
. •		Attorne	y Docket No: 13445	5-018 6103 -	Dielectric Materials
· In	Witness Whi	ereof, I hereto se	t my hand and seal :	at <u>Omni 6</u>	uile.
			,20 <u>02</u> Fl		
	Y	OEL FINK /			·
	MA Middle				
Be appeared	fore me this _ YOEL FINK :	19th day o	f April e the person whose	, 20_ 67	personally
			ecuted the same as l		
_	herein contain				
			Nella	N. C	shen_
			Notary Public		

My Commission Expires:

[Notary's Seal Here]

PATENT

REEL: 016790 FRAME: 0075

April 10. 2003

Attorney Docket No: 13445-018 6103 - Dielectric Materials

IN WITNESS WHEREOF, I hereto set my hand and seal at Omni Guyle Communication S
this 25 day of April , 2002
Les Lucianas L.S.
LORI PRESSMAN
State of MA:: County of Middlesex:
County of _/ Nose+5 = /
Before me this 25 H day of
the purposes therein contained.
Netter N. Coben
Notary Public My Commission Expires: April 10, 2009
[Notary's Seal Here]

RECORDED: 09/13/2005

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PATENT REEL: 016790 FRAME: 0076