Form PTO-1595 (Rev. 03/05) OMB No. 0651-0027 (exp. 6/30/2005)	2006 U.S. DEPARTMENT OF COMM United States Patent and Traden	
<u>5/4/4</u> 1032370		
To the Director of the U.S. Patent and Trademark Office: Plea		elow.
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	_
Ensemble Communications, Inc.	Name: Harington Valve, LLC	12
	Internal Address:	
	<u> </u>	⊃ <u>}</u>
Additional name(s) of conveying party(ies) attached? Yes Nature of conveyance/Execution Date(s):	Street Address: _171 Main Street, #271	326
Execution Date(s) 7/20/2004	Street Address. 17 Wall Street, #27	Ŧ
✓ Assignment Merger		
Security Agreement Change of Name	City: Los Altos	
Joint Research Agreement	State: CA	
Government Interest Assignment	State: CA	
Executive Order 9424, Confirmatory License	Country: USA Zip:94022	
Other	Additional name(s) & address(es) attached? Yes	. [7]
5. Name and address to whom correspondence	attached? Yes No 6. Total number of applications and patents	
concerning document should be mailed:	10. TOLAL HUITIDEL OF ADDITIONED AND DATEINS	
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Name: Berkeley Law & Technology Group, LLC	involved: 1	
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Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

EXHIBIT B

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Ensemble Communications, Inc., having offices at 9890 Towne Centre Drive, San Diego, California 92121 ("Assignor"), does hereby sell, assign, transfer and convey unto Harington Valve, LLC, a Delaware limited liability company, having an office at 171 Main Street, #271, Los Altos, California 94022 ("Assignee") or its designees, all of Assignor's right, title and interest in and to the patent applications and patents listed below, and, subject to the last sentence of this paragraph, all: (a) reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, and divisions of such patents and applications; (b) provisional patent applications that are or will be continuations or continuations in part of such patents and applications; and (c) foreign counterparts to any of the foregoing including without limitation utility models (collectively "Patent Rights"). For avoidance of doubt, the definition of "Patent Rights" is subject to any previous agreements or transactions in which Assignor assigned or sold its rights in patents or patent applications (other than those listed below) to any third party, and accordingly the term "Patent Rights" does not include any such patent or patent application previously assigned or sold to a third party.

Patent or		<u>Earliest</u> Filing		Inventor(s)
Application No.	Country	Date	Title	
6,597,733	USA	3/5/01	Equalizer Performance Enhancements for Broadband Wireless Applications	Steve C. Pollmann Eli Arviv Jacques Behar Timothy L. Gallagher David Gazelle Frederick W. Price
6,707,798	USA	3/31/00	Method and Apparatus for Reducing Co- Channel Interference in a Frame- Synchronized Wireless Communications System	Israel Jay Klein, Sheldon Gilbert Rami Hadar
6,731,946	USA	11/22/00	System and Method for Timing Detector Measurements in a Wireless Communications System	Ken Stanwood Moti Kabeliy Jacques Behar Yossi Keren Steve Polimann
6,704,579	USA	2/15/01	System and Method of Automatically	David Woodhead Brian Spinar Sheldon Gilbert

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09/696,934		1000000	Apparatus for		1
	USA	10/25/00		Jacques Behar	Í
	}	1	Synchronization	Ken Stanwood	
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10/207,648			Scheduling	Ken Stanwood	
101201,070	USA	7/26/02	Method and	George Lin	
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			Communications	Yair Bourlas	1
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	USA	9/5/01	Method for	Israel Jay Klein	
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60/308,255	}		System and	Kenneth L. Stanwood
10/207,661	USA	7/27/01	Method for	Steve Pollmann
	1		Measuring Signal	
		- 1	to Noise Values in	
	}	}	Adaptive Wireless Communications	5
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09/706,195			- Cysloms	Ken Stanwood
	USA	11/3/00	Outdoor 11mH	Peter Smith
	1		Outdoor Unit	Chris Macy
			Programming System	Ofer Zimmerman
09/798,784	·		Method and	Ofer Zimmerman
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09/702,293	USA	10/30/00	Compression of Overhead in a	Yair Bourlas
	USA	10/30/00	Layered Data	Jacques Behar
			Communication	Ken Stanwood
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60/580,833				Kenneth L. Stanwood
	USA	6/18/04		Timothy Leo Gallagher
			Systems and	Shekton Gilbert
			Methods for	
			Implementing	Yair Bourlas
	-		Double Wide	Charles Bergan
	İ	1	Channels in a	Darren Smith
			Communications System	Sam Liu
PCT/US02/06879	 	 	Equalizer	Stephen C. Pollmann
	PCT	3/5/01	Performance	Eli Arviv
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	1		Broadband	Timothy L. Gallagher
			Wireless	David
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PCT/US01/43440	The City	11 50/00	System and	Kenneth L. Stanwood
	PCT	11/22/00	Method for Timing Detector	Moti Kabelly
		1	Measurements in	Jacques Behar Yossi Keren
			a Wireless	Steve Pollman
			Communication	David Gazelle
		<u> </u>	System	
EP 01968588.2			System and	Kenneth L. Stanwood
	EP	9/14/00	Method for	Jay Israel Klein
			Wireless	Thomas R. Amo
			Communication in	
			a Frequency Division Duplexing	
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PCT/US01/27663				Kenneth L. Stanwood
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PI 0016728-2			Method and	Alok Kumar Gupta
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2,393,857			Method and	Alok Kumar Gupta
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000817674.4			Method and	Alok Kumar Gupta
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	BP	12/24/99	Apparatus for	
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2001-548531			Method and	Alok Kumar Gupta
	JP	12/24/99	Apparatus for	,
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PCT/US00/34948			Method and	Alok Kurnar Gupta
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PCT/US02/23980			System and	Stephen Poliman
	PCT	7/27/01	Method for	Kenneth Stanwood
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PCT/US03/22974			Scheduling	Kenneth Stanwood
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PI0109727-0			Method and	Israel J. Klein
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01810473.8			Method and	Israel J. Klein
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Assigner further agrees to and hereby does sell, assign, transfer and convey unto Assignee all rights: (i) in and to causes of action and enforcement rights for the Patent Rights including all rights to pursue damages, injunctive relief and other remedies for past and future infringement of the Patent Rights, and (ii) to apply in any or all countries of the world for patents, certificates of invention or other governmental grants for the Patent Rights, including without limitation under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement or understanding. Assignor also hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue any and all patents or certificates of invention which may be granted upon any of the Patent Rights in the name of Assignee, as the assignee to the entire interest therein.

Assignor represents and warrants that: (i) it has good and marketable title to the Patent Rights, including without limitation all rights, title, and interest in the Patent Rights to sue for infringement thereof, (ii) the Patent Rights are free and clear of all liens, mortgages, security interests or other encumbrances, and restrictions on transfer, and (iii) it has the right and authority to enter into this Assignment and to make the assignment of Patent Rights hereunder.

The terms and conditions of this Assignment shall inure to the benefit of Assignee and its successors, assigns and other legal representatives, and shall be binding upon Assignor and its successor, assigns and other legal representatives.

IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Jan Diego on July 20, 2004.

ASSIGNOR

By:

Name: Carlow
Title: President

President, Ensemble Communications, In

(Signature MUST be notarized)

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·	M proved to me on the basis of satisfactory
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	subscribed to the within instrument and
	acknowledged to me that he/ehe/they.executed
MARYANNE LABITAN	the same in his/ hor/their authorized capacity (ics), and that by his/hor/their
Commission # 1358855 Notary Public - California	signature(e) on the instrument the person(e), or
Notice Proper County	the entity upon behalf of which the person(s)
My Comm. Expires May 15, 2005	acted, executed the Instrument.
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Description of Attached Document	
Title or Type of Document: ASSIGN KEN	T OF PATENT RIGHTS
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Receiver, Call Toll-Frame 1-800-870-882

PATENT

EXHIBIT B

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt of which is hereby acknowledged, Ensemble Communications, Inc., having offices at 9890 Towne Centre Drive, San Diego. California 92121 ("Assignor"), does hereby sell, assign, transfer and convey unto Harington Valve, LLC, a Delaware limited liability company, having an office at 171 Main Street, #271, Los Altos, California 94022 ("Assignee") or its designees, all of Assignor's right, title and interest in and to the patent applications and patents listed below, and, subject to the last sentence of this paragraph, all: (a) reissues, reexaminations, extensions, continuations, continuations in part, continuing prosecution applications, and divisions of such patents and applications; (b) provisional patent applications that are or will be continuations or continuations in part of such patents and applications; and (c) foreign counterparts to any of the foregoing including without limitation utility models (collectively "Patent Rights"). For avoidance of doubt, the definition of "Patent Rights" is subject to any previous agreements or transactions in which Assignor assigned or sold its rights in patents or patent applications (other than those listed below) to any third party, and accordingly the term "Patent Rights" does not include any such patent or patent application previously assigned or sold to a third party.

Patent or		Earliest Filing		<u>Inventor(s)</u>
Application No.	Country	<u>Date</u>	Title	
6,597,733	USA	3/5/01	Equalizer Performance Enhancements for Broadband Wireless Applications	Steve C. Pollmann Eli Arviv Jacques Behar Timothy L. Gallagher David Gazelle Frederick W. Price
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6,704,579	USA	2/15/01	System and Method of Automatically	David Woodhead Brian Spinar Sheldon Gilbert

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	USA	3/20/01	System for Packing	Brian Spinar
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	}		Channels in a	Darren Smith
	į		Communications	Sam Liu
PCT/US02/06879		 -	System Equalizer	
. 5.115502,555,5	PCT	3/5/01	Performance	Stephen C. Pollmann Eli Arviv
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			Broadband	Timothy L. Gallagher
			Wireless	David
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00001101415	CN	12/24/99	Apparatus for	LOX Mariner Supra
		12/2/1/2/	Concatenated	
ļ	1	•	Channel Coding	
00990957.3	 		Method and	Alok Kumar Gupta
0,1000000	RP	12/24/99	Apparatus for	Pilok Kulliaj Cupta
	13.1	1 24133	Concatenated	1
	1		Channel Coding	1
2001-548531	 	 	Method and	Alak Kumar Custa
2001-040001	l IP	120400	1	Alok Kumar Gupta
}	112	12/24/99	Apparatus for Concatenated	
10-2002-		 	Channel Coding	Olak Kuman Olah
1	7/70	105155	Method and	Alok Kumar Gupta
7007160	KR	10/24/99	Apparatus for	
		1	Concatenated	
DOT(1000/04040		ļ	Channel Coding	
PCT/US00/34948	75.000		Method and	Alok Kumar Gupta
	PCT	12/24/99	Apparatus for	
			Concatenated	
DOT// IDEA MAGE			Channel Coding	
PCT/US02/23980			System and	Stephen Pollman
	PCT	7/27/01	Method for	Kenneth Stanwood
			Measuring Signal	David Gazelle
			to Noise Values in	1.
			an Adaptive	
			Wireless	
			Communication	
			System	
PCT/US01/10243			Method and	israel J. Klein
	PCT	3/31/00	Apparatus for	Sheldon L. Gilbert
		. [Reducing Co-	Rami Hadar
			channel	j
1		J	Interference in a	
1			Frame-	
			synchronized	
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			Communication	
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PCT/US03/22974			Scheduling	Kenneth Stanwood
	PCT	7/26/02	Method and	Yair Bourias
			System for	George Lin
1		1	Communication	
			Systems that Offer	j
			Multiple Classes of	
		1	Service	
PI0109727-0			Method and	Israel J. Klein
	BR	3/31/00	Apparatus for	Sheldon L. Gilbert
	222		Reducing Co-	Rami Hadar
		j	channel	
		1	Interference in a	
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			synchronized	
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1		1	Communication	
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040404770.0		ļ	System	
01810473.8			Method and	srael J. Klein
	CN	3/31/00	Apparatus for	Sheldon L. Gilbert
			,	Rami Hadar
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			Frame-	
			synchronized	
1			Wirel es s	
			Communication	
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01928336.5	_		Method and	Israel J. Klein
	EP	3/31/00	Apparatus for	Sheldon L. Gilbert
	1	ļ		Rami Hadar
	Ì		channel	
			Interference in a	
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ASSIGNOR

By:

Name Carlton J. Eib

President, Ensemble Communications, Inc

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