PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Robert R. Gonnelli	06/06/2002
Steven F. Levesque	06/06/2002
David Lipson	05/13/2002
Peter F. Marshall	05/29/2002

RECEIVING PARTY DATA

Name:	BioValve Technologies, Inc.
Street Address:	One Innovation Drive
City:	Worcester
State/Country:	MASSACHUSETTS
Postal Code:	01605

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12336246

CORRESPONDENCE DATA

Fax Number: (781)622-5933

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 781-622-5930

Email: patentadmin@mbbp.com Correspondent Name: Lisa M. Treannie, Esq.

Address Line 1: Morse, Barnes-Brown & Pendleton, P.C.

Address Line 2: 1601 Trapelo Road, Suite 205 Address Line 4: Waltham, MASSACHUSETTS 02451

ATTORNEY DOCKET NUMBER:	VALT-011-103
NAME OF SUBMITTER:	Lisa M. Treannie

Total Attachments: 9

PATENT REEL: 023308 FRAME: 0800



PATENT REEL: 023308 FRAME: 0801

ASSIGNMENT

For valuable consideration, we, <u>ROBERT R. GONNELLI</u> of <u>115 Franklin Tumpike</u>, Mahwah, NJ 07430, STEVEN F. LEVESQUE of 264 King St., Hanson, MA 02341-1139, DAVID LIPSON of 131 Pheasant Brook Rd., No. Andover, MA 01845, PETER F. MARSHALL of 1842 Shirley Rd., Lancaster, MA 01523, hereby assign to: BioValve Technologies, Inc., a Delaware corporation having a place of business at: One Innovation Drive, Worcester, MA 01605; 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 FLUID DELIVERY AND MEASUREMENT SYSTEMS AND METHODS, filed November 30, 2001, and assigned U.S. Serial Number 10/006,526, and we authorize and request the attorneys appointed in said 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.

IN WITNESS WHEREOF, I hereto set my hand and seal at <u>UXCESTER, MA</u> ,
this 6th day of Juney, 2002
Blankle U.S.
ROBERT R. CONNELLI
State of MASSAChuseTTS:
: ss.
County of World :
Before me this 6th day of June, 2007, personally
appeared ROBERT R. GONNELLI 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 Notary Public
My Commission Expires: MY CUMMISSION EXPINES 1/2/2
[Notary's Seal Here]
IN WITNESS WHEREOF, I hereto set my hand and seal at WORCESTER, MA, this oth day of Tune, 2007. L.S.
STEVEN F. LEVESQUE
State of WASSAChusetts:
: ss.
County of WITESTER:
Before me this 6th day of June, 2007, personally
appeared STEVEN F. LEVESQUE 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 Notary Public
My Commission Expires:
[Notary's Seal Here] MY COMMISSION EXPIRES 1/23/200

In Witness Whereof,	hereto set my hand ar	ıd seal at	,
this day of	, 20_		
			L.S.
DAVID LIPSON			
State of	:		
	: ss.		
County of	;		
Before me this	day of	, 20	, personally
appeared DAVID LIPSON know	own to me to be the per	rson whose name is subsc	cribed to the
foregoing Assignment and ackr	owledged that he exec	uted the same as his free	act and deed for
the purposes therein contained.			
			and the second s
	Notary Pub		
	My Commi	ssion Expires:	
[Notary's Seal Here]			
IN WITNESS WHEREOF, this day of	•	nd seal at	,
			L.S.
PETER F. MARSHALI			
State of	:		
	: ss.		
County of	:		
Before me this	day of	, 20	, personally
appeared PETER F. MARSHA	<u>LL</u> known to me to be	the person whose name	is subscribed to
the foregoing Assignment and a	acknowledged that he e	executed the same as his f	free act and deed
for the purposes therein contain	ed.		
	Notary Pub	lic	
	My Commi	ssion Expires:	
[Notary's Seal Here]	-	-	
20389880.doc			

ASSIGNMENT

For valuable consideration, we, ROBERT R. GONNELLI of 115 Franklin Turnpike, Mahwah, NJ 07430, STEVEN F. LEVESQUE of 264 King St., Hanson, MA 02341-1139, DAVID LIPSON of 131 Pheasant Brook Rd., No. Andover, MA 01845, PETER F. MARSHALL of 1842 Shirley Rd., Lancaster, MA 01523, hereby assign to: BioValve Technologies, Inc., a Delaware corporation having a place of business at: One Innovation Drive, Worcester, MA 01605; 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 FLUID DELIVERY AND MEASUREMENT SYSTEMS AND METHODS, filed November 30, 2001, and assigned U.S. Serial Number 10/006,526, and we authorize and request the attorneys appointed in said 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.

In Witness Whereon	F, I hereto set my hand and	seal at	
this day of	, 20		
			L.S
ROBERT R. GONNE	ELLI		
State of	_ :		
	; ss.		
County of	_:		
Before me this	day of	, 20	, personally
appeared <u>ROBERT R. GON</u>	VELLI known to me to be	the person whose nam	e is subscribed to
the foregoing Assignment an	d acknowledged that he ex	ecuted the same as his	free act and deed
for the purposes therein conta	ined.		
	Notary Public	c	
	My Commiss	sion Expires:	
[Notary's Seal Here]	•	•	
IN WITNESS WHEREO	F, I hereto set my hand and		
STEVEN F. LEVES			L.S
State of			
State of			
County of	: ss.		
•	_ · day of	20	noveonolly.
appeared STEVEN F. LEVE		-	
the foregoing Assignment an	_	ecuted the same as his	free act and deed
for the purposes therein conta	ined.		
	Notary Public		
	My Commiss	sion Expires:	
[Notary's Seal Here]	•	-	

IN WITNESS WHERE	OF Thereto set my hand a	and seal at	
this	May , 20	<u> </u>	
	1	IM Cys	len L.S.
DAVID LIPSON	——————————————————————————————————————		
State of	:		
	; ss.		
County of	<u>.</u> :		
Before me this	day of	, 20	, personally
appeared <u>DAVID LIPSON</u>	known to me to be the po	erson whose name is subs	scribed to the
foregoing Assignment and	acknowledged that he exe	cuted the same as his free	e act and deed for
the purposes therein contai	ned.		
	Notary Pul		
	My Comm	nission Expires:	
[Notary's Seal Here]			
this day of	EOF, I hereto set my hand a		, L.S.
PETER F. MARSH	IALL		£.5.
State of	:		
	: ss.		
County of	:		
Before me this	day of	, 20	, personally
appeared <u>PETER F. MAR</u>	SHALL known to me to b	e 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 co	ntained.		
	-		
	Notary Pu	blic	
	My Comm	nission Expires:	
[Notary's Seal Here]			

3

20389880.doc

ASSIGNMENT

For valuable consideration, we, ROBERT R. GONNELLI of 115 Franklin Turnpike, Mahwah, NJ 07430, STEVEN F. LEVESQUE of 264 King St., Hanson, MA 02341-1139, DAVID LIPSON of 131 Pheasant Brook Rd., No. Andover, MA 01845, PETER F. MARSHALL of 1842 Shirley Rd., Lancaster, MA 01523, hereby assign to: BioValve Technologies, Inc., a Delaware corporation having a place of business at: One Innovation Drive, Worcester, MA 01605; 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 FLUID DELIVERY AND MEASUREMENT SYSTEMS AND METHODS, filed November 30, 2001, and assigned U.S. Serial Number 10/006,526, and we authorize and request the attorneys appointed in said 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.

ROBERT R. GONNELLI State of		, 20		
State of: ss. County of: ss. County of: Before me this day of, persona appeared ROBERT R. GONNELLI known to me to be the person whose name is subscribed the foregoing Assignment and acknowledged that he executed the same as his free act and defor the purposes therein contained. Notary Public			_	L.S
: ss. County of : Before me this day of, 20, personal appeared ROBERT R. GONNELLI known to me to be the person whose name is subscribed the foregoing Assignment and acknowledged that he executed the same as his free act and defor the purposes therein contained. Notary Public My Commission Expires: [Notary's Seal Here] IN WITNESS WHEREOF, I hereto set my hand and seal at	ROBERT R. GON	NELLI		
Before me this day of, 20, personal appeared ROBERT R. GONNELLI known to me to be the person whose name is subscribed the foregoing Assignment and acknowledged that he executed the same as his free act and defor the purposes therein contained. Notary Public My Commission Expires:	State of	:		
Before me this		: ss.		
appeared ROBERT R. GONNELLI known to me to be the person whose name is subscribed the foregoing Assignment and acknowledged that he executed the same as his free act and de for the purposes therein contained. Notary Public My Commission Expires:	County of	:		
the foregoing Assignment and acknowledged that he executed the same as his free act and defor the purposes therein contained. Notary Public My Commission Expires:	Before me this	day of	, 20	, personally
Notary Public My Commission Expires: [Notary's Seal Here] IN WITNESS WHEREOF, I hereto set my hand and seal at	appeared ROBERT R. GO	NNELLI known to me to be	the person whose nam	ne is subscribed to
Notary Public My Commission Expires: [Notary's Seal Here] IN WITNESS WHEREOF, I hereto set my hand and seal at	the foregoing Assignment	and acknowledged that he ex	ecuted the same as his	free act and deed
My Commission Expires: [Notary's Seal Here] IN WITNESS WHEREOF, I hereto set my hand and seal at	for the purposes therein co	ntained.		
My Commission Expires: [Notary's Seal Here] IN WITNESS WHEREOF, I hereto set my hand and seal at				
IN WITNESS WHEREOF, I hereto set my hand and seal at		Notary Public	C	
IN WITNESS WHEREOF, I hereto set my hand and seal at		My Commiss	sion Expires:	
STEVEN F. LEVESQUE State of	[Notary's Seal Here]			
STEVEN F. LEVESQUE State of : ss. County of : Before me this day of, 20, personal appeared STEVEN F. LEVESQUE known to me to be the person whose name is subscribed the foregoing Assignment and acknowledged that he executed the same as his free act and defor the purposes therein contained.	In Witness Where	OF, I hereto set my hand and	seal at	
State of : : ss. County of : Before me this day of, 20, personal appeared STEVEN F. LEVESQUE known to me to be the person whose name is subscribed the foregoing Assignment and acknowledged that he executed the same as his free act and defor the purposes therein contained.		, 20		
: ss. County of				L.\$
Before me this day of, 20, personal appeared STEVEN F. LEVESQUE known to me to be the person whose name is subscribed the foregoing Assignment and acknowledged that he executed the same as his free act and defor the purposes therein contained.	this day of			L.9
Before me this day of, 20, personal appeared STEVEN F. LEVESQUE known to me to be the person whose name is subscribed the foregoing Assignment and acknowledged that he executed the same as his free act and defor the purposes therein contained.	this day of STEVEN F. LEVE	SQUE		L.\$
appeared STEVEN F. LEVESQUE known to me to be the person whose name is subscribed the foregoing Assignment and acknowledged that he executed the same as his free act and defor the purposes therein contained.	this day of STEVEN F. LEVE	SQUE :		L.\$
the foregoing Assignment and acknowledged that he executed the same as his free act and de for the purposes therein contained.	this day of STEVEN F. LEVE	SQUE : : ss.		L.S
for the purposes therein contained.	this day of STEVEN F. LEVE State of County of	SQUE:: _: ss:		
· ·	STEVEN F. LEVE State of County of Before me this	SQUE::ss:day of		, personally
Notary Public	this day of STEVEN F. LEVE State of County of Before me this appeared STEVEN F. LEV	SQUE::ss:day of TESQUE known to me to be	, 20the person whose nam	, personally e is subscribed to
Notary Public	this day of STEVEN F. LEVE State of County of Before me this appeared STEVEN F. LEV the foregoing Assignment	SQUE : : : : : : : : : : : : : : : : : : :	, 20the person whose nam	, personally e is subscribed to
	this day of STEVEN F. LEVE State of County of Before me this appeared STEVEN F. LEV the foregoing Assignment	SQUE : : ss. : day of ESQUE known to me to be and acknowledged that he ex ntained.	, 20_ the person whose nam ecuted the same as his	, personally e is subscribed to
My Commission Expires:	this day of STEVEN F. LEVE State of County of Before me this appeared STEVEN F. LEV the foregoing Assignment	SQUE : ss. : day of ESQUE known to me to be and acknowledged that he exertained.	, 20_ the person whose nam ecuted the same as his	, personally e is subscribed to

In Witness Whereof	, I hereto set my hand and se	eal at,
this day of	, 20	_
·		L.S.
DAVID LIPSON		
State of	:	
	: ss.	
County of	;	
		, 20, personally
appeared DAVID LIPSON k	nown to me to be the person	whose name is subscribed to the
foregoing Assignment and acl	mowledged that he executed	d the same as his free act and deed for
the purposes therein contained	l.	
	Notary Public	
	My Commissio	on Expires:
[Notary's Seal Here]		
,		
In Witness Whereof	, I hereto set my hand and se	eal at <u>Litleton</u> , MA,
this 29 day of M	ing , 20 02	<u>. </u>
1 2mm		L.S.
PETER F. MARSHAI	L /	
State of MASSACHOSETS	· :	
	: ss.	
County of Middlesea	:	
Before me this 29	L day of MAY	, 20 <u>02</u> , personally
appeared PETER F. MARSH	ALL known to me to be the	person whose name is subscribed to
the foregoing Assignment and	acknowledged that he exec	outed the same as his free act and deed
for the purposes therein conta	ined.	. ,
	Chie	Intichael
	Notary Public	
	My Commissio	on Expires: Notary Public
[Notary's Seal Here]		My Commission Expires February 25, 2005
20389880.doc		

3

RECORDED: 09/30/2009