Form PTO-1595 (Rev. 03-09) OMB,No. 0651-0027 (exp. 03/31/2009) 11 - 15 -	U S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
F CONTRACTOR OF A CONTRACTOR O	ET
To the Director of the U.S. Patent and i. 10361	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Gale H. Thorne, Jr.	Name: IntraVena, LLC
Kendall P. Thorne Gale H. Thorne	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X No	
3. Nature of conveyance/Execution Date(s):	Street Address: 1898 Chokecherry Drive
Execution Date(s)October 12, 2010	
X Assignment Merger	
Security Agreement Change of Name	City: Bountiful
Joint Research Agreement	State. UT
Government Interest Assignment	Country: US Zip: 84010
Executive Order 9424, Confirmatory License	Country: US Zip: 84010
Other	Additional name(s) & address(es) attached? Yes X No
4. Application or patent number(s):	document is being filed together with a new application.
A. Patent Application No.(s)	B. Patent No.(s)
	W NOV 15 2010
12/925122	5th Floor
	Tecords Division
Additional numbers at	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Gale H. Thorne	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00
Internal Address:	
	Authorized to be charged to deposit account
Street Address: 1056 Millcrest Circle	★ Enclosed
Officer / Iddi coo. 1030 //illianza	None required (government interest not affecting title)
City: Bountiful	8. Payment Information
State: UT Zip: 84010	_
Phone Number: 801-295-8471	
Fax Number:	Deposit Account Number
Email Address: thornesrb@aol.com	Authorized User Name
9. Signature: Matthews	11/07/2010
Signature	
Gale H. Thorne	Total number of pages including cover
Name of Person Signing	sheet, attachments, and documents

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

PATENT

Fosm PTO-1595 (Rev. 03-09) OMB No 0651-0027 (exp 03/31/2009)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
10/14/10	900 (880) (480) Size (890)
To the Director of the U.S. Patent ar. 103609	774 and documents or the new address(es) below
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)
Gale H. Thorne, Jr.	Name: IntraVena, LLC
Kendall P. Thorne Gale H. Thorne	Internal Address:
Additional name(s) of conveying party(ies) attached? Yes X No	PTG 0
3. Nature of conveyance/Execution Date(s):	Street Address: 1898 Chokecherry Drive
Execution Date(s)	
Assignment Merger	***************************************
Security Agreement Change of Name	City: Bountiful
Joint Research Agreement	State: UT
Government Interest Assignment	
Executive Order 9424, Confirmatory License	Country: US Zip: 84010
Other	Additional name(s) & address(es) attached? Yes X No
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A. Patent Application No.(s)	B. Patent No.(s)
12/925122	
Additional numbers att	l ached? ☐ Yes ☒ No
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1
Name: Gale H. Thorne	7. Total fee (37 CFR 1.21(h) & 3.41) \$_40.00
Internal Address:	1. Fetal 100 (6. 61 K 1.2 K(1) & 0.41) 4.40.00
	Authorized to be charged to deposit account
Street Address: 1056 Millcrest Circle	∑ Enclosed
	None required (government interest not affecting title)
City: Bountiful	8. Payment Information
State: UT Zip: 84010	
Phone Number: 801-295-8471	
Fax Number:	Deposit Account Number
Email Address: thornesrb@aol.com	Authorized User Name
9. Signature:	Deleta
Signature	Date Define 12, 2010
Gale H. Thorne	Total number of pages including cover sheet, attachments, and documents
Name of Person Signing	sheet, attachments, and documents

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PATENT

ASSIGNMENT

We, GALE H. THORNE, JR., 1898 Chokecherry Drive, Bountiful, UT 84010, Kendall P. Thorne, 942 W. 60 N., Layton, UT 84041, and Gale H. Thorne, 1056 Millcrest Circle, Bountiful, UT 84010, have invented METHODS FOR MAKING AND USING A VIAL SHIELDING CONVENIENCE KIT hereinafter called the "invention".

Preferred embodiments of said invention are disclosed in a United States patent application heretofore executed by us and now identified as File No. IVL001CP5 of Gale H. Thorne, Patent Agent, (U.S. Patent Office Registration No. 34742) and filed concurrently herewith.

The ASSIGNEE, IntraVena, LLC, located at 1898 Chokecherry Drive, Bountiful, UT 84010, desires to secure the entire right, title and interest in said invention.

In consideration of \$1.00 and other good and valuable considerations paid to us by the ASSIGNEE, the receipt and sufficiency of which we hereby acknowledge, WE HEREBY ASSIGN TO THE ASSIGNEE:

The entire right, title and interest in said invention and in the above-identified United States Patent application and in all divisions, continuations, and continuations-in-part of said application, or reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said invention in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

We hereby authorize and request the United States Commissioner of Patents and such Patent Office Officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and behoof of the said Assignee, its successors, assigns and legal representatives.

We hereby agree, without further consideration and without expense to us, to sign all lawful papers and to perform all other lawful acts which the Assignee may request of us to make this assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, re-issue, and other United States and foreign patent applications on said invention, and all lawful documents requested by the Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of my ability in the execution of all lawful documents, the production of evidence, and the giving of testimony in interference, opposition, nullification, reissue, extensions, or infringement proceedings involving said invention.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Page 1 of 3

PATENT REEL: 025306 FRAME: 0048

	Signed (L.S.) Gale H. Thorne, Jr.
STATE OF <u>JTAH</u>) : ss.	
COUNTY OF DAVIS)	
ंदर्भाट्ट ।० On 12, 19, before me persona	lly appeared <u>GALE H. THORNE, JR.</u> known to
me to be the person described and who s	igned the annexed assignment in my presence and las read the same and knows the contents thereof and
the he executed the same as his free act ar	nd deed and for the purposes set forth therein.
(SEAL)	Notary Public
Notary Public, State of Utah Commission # 583295 My Commission Expires July 08, 2014	
	Signed Seull Clu_(L.S.) Kendall P. Thorne
STATE OFUTAH)	Attendary : Thomas
: ss. COUNTY OF <u>Davis</u>)	
On_i2_od_, 19, before me persona	ally appeared KENDALL P THORNE known to
me to be the person described and who s	igned the annexed assignment in my presence and has read the same and knows the contents thereof and
	nd deed and for the purposes set forth therein.
	1 1 mel -
(SEAL)	Notery Public
Notary Public, State of Utah Commission # 583295 My Commission Expires July 08, 2014	

Page 2 of 3

PATENT

REEL: 025306 FRAME: 0049

Signed Local (L.S.

STATE OF UTAH)

: SS.

JARED MCCARTY Notary Public, State of Utah

Commission # 583295 My Commission Expires July 08, 2014

)

COUNTY OF DAVIS

On 12 $\alpha\tau$, 49, before me personally appeared <u>GALE H. THORNE</u> known to me to be the person described and who signed the annexed assignment in my presence and acknowledge under oath before me that he has read the same and knows the contents thereof and the he executed the same as his free act and deed and for the purposes set forth therein.

(SEAL)

Notary Public

Page 3 of 3

PATENT REEL: 025306 FRAME: 0050

RECORDED: 11/15/2010