

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT8008668

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GARY A. THILL	11/23/2011
ROBERT FOSTER WILSON	10/24/2011
JOHN GAINOR	10/24/2011
CHRISTOPHER M. BANICK	10/24/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	HEART LEAFLET TECHNOLOGES, INC.
<b>Street Address:</b>	7351 KIRKWOOD LANE NORTH SUITE 104
<b>City:</b>	MAPLE GROVE
<b>State/Country:</b>	MINNESOTA
<b>Postal Code:</b>	55369
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Patent Number:</b>	10022221
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(949)377-3836
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	5304009246
<b>Email:</b>	kumar@changhale.com
<b>Correspondent Name:</b>	CHANG & HALE LLP
<b>Address Line 1:</b>	4199 CAMPUS DRIVE
<b>Address Line 2:</b>	SUITE 550
<b>Address Line 4:</b>	IRVINE, CALIFORNIA 92612
<b>ATTORNEY DOCKET NUMBER:</b>	14187US03
<b>NAME OF SUBMITTER:</b>	KUMAR MAHESHWARI
<b>SIGNATURE:</b>	/Kumar Maheshwari/
<b>DATE SIGNED:</b>	06/15/2023
This document serves as an Oath/Declaration (37 CFR 1.63).	
<b>Total Attachments: 6</b>	

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## A S S I G N M E N T

WHEREAS, I/We, JOHN GAINOR, GARY A. THILL, ROBERT FOSTER WILSON and CHRISTOPHER M. BANICK, the ASSIGNOR(S) herein, has/have invented certain new and useful inventions disclosed in an application for United States Letters Patent entitled *Stentless Support Structure* filed May 10, 2011 as Application Serial No. 13/104,866 and in an International Patent Application entitled *Stentless Support Structure* filed May 10, 2011 as International Application No. PCT/US2011/035983; and

WHEREAS, HEART LEAFLET TECHNOLOGIES, INC., a Corporation organized and existing under the laws of the State of Minnesota, having a place of business at 7351 Kirkwood Lane North, Suite 104, Maple Grove, Minnesota 55369, the ASSIGNEE herein, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) by the ASSIGNEE to me paid, and other valuable consideration, the receipt and legal sufficiency all of which is hereby acknowledged, I/We, the said ASSIGNOR(S), has/have sold and do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said application for Letters Patent thereon, in and to applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

And for the above-named considerations, I/We do hereby agree that I/We will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, I/We do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

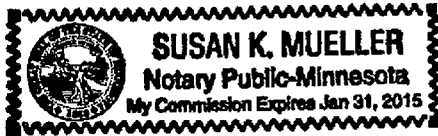
DATED at MAPLE GROVE, MN, this 24<sup>TH</sup> day of OCTOBER, 2011.  
(City, State)

[Signature]  
Name: John Gainor  
Address: 1396 Knollwood Lane  
Mendota Heights, Minnesota 55118  
Country: USA  
Citizenship: USA

OFFICIAL NOTARY SEAL:

On this 24<sup>TH</sup> day of October, 2011, before me appeared JOHN GAINOR, to me personally known, who being by me duly sworn did say that he/she is the ASSIGNOR named in the foregoing instrument of Assignment and he/she signed this instrument of Assignment in my presence.

[Signature]  
Notary Public



DATED at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.  
(City, State)

[Signature]  
Name: Gary A. Thill  
Address: 3741 Centerville Road  
Vadnais Heights, Minnesota 55127  
Country: USA  
Citizenship: USA

OFFICIAL NOTARY SEAL:

On this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me appeared GARY A. THILL, to me personally known, who being by me duly sworn did say that he/she is the ASSIGNOR named in the foregoing instrument of Assignment and he/she signed this instrument of Assignment in my presence.

\_\_\_\_\_  
Notary Public

DATED at Roseville, MN, this 24<sup>th</sup> day of October, 2011.  
(City, State)

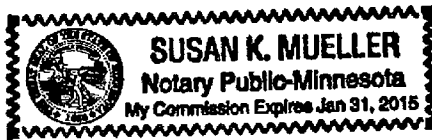
Robert Foster Wilson  
Name: Robert Foster Wilson  
Address: 3107 West Owasso Blvd.  
Roseville, Minnesota 55113  
Country: USA  
Citizenship: USA

OFFICIAL NOTARY SEAL:

On this 24<sup>th</sup> day of October, 2011, before me appeared ROBERT FOSTER WILSON, to me personally known, who being by me duly sworn did say that he/she is the ASSIGNOR named in the foregoing instrument of Assignment and he/she signed this instrument of Assignment in my presence.

Susan K. Mueller

Notary Public



DATED at Maple Grove, MN, this 24 day of October, 2011.  
(City, State)

Christopher M. Banick  
Name: Christopher M. Banick  
Address: 1490 Sunnybrook Drive  
Minnetrista, Minnesota 55364  
Country: USA  
Citizenship: USA

OFFICIAL NOTARY SEAL:

On this 24<sup>th</sup> day of October, 2011, before me appeared CHRISTOPHER M. BANICK, to me personally known, who being by me duly sworn did say that he/she is the ASSIGNOR named in the foregoing instrument of Assignment and he/she signed this instrument of Assignment in my presence.

Susan K. Mueller

Notary Public



## A S S I G N M E N T

WHEREAS, I/We, JOHN GAINOR, GARY A. THILL, ROBERT FOSTER WILSON and CHRISTOPHER M. BANICK, the ASSIGNOR(S) herein, has/have invented certain new and useful inventions disclosed in an application for United States Letters Patent entitled *Stentless Support Structure* filed May 10, 2011 as Application Serial No. 13/104,866 and in an International Patent Application entitled *Stentless Support Structure* filed May 10, 2011 as International Application No. PCT/US2011/035983; and

WHEREAS, HEART LEAFLET TECHNOLOGIES, INC., a Corporation organized and existing under the laws of the State of Minnesota, having a place of business at 7351 Kirkwood Lane North, Suite 104, Maple Grove, Minnesota 55369, the ASSIGNEE herein, desires to acquire the entire right, title and interest in and to said inventions, applications and Letters Patent to be granted and issued thereon;

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) by the ASSIGNEE to me paid, and other valuable consideration, the receipt and legal sufficiency all of which is hereby acknowledged, I/We, the said ASSIGNOR(S), has/have sold and do hereby sell, assign, transfer and set over unto said ASSIGNEE, its successors and assigns, the entire right, title and interest in and to said inventions and all improvements thereon, in and to said application for Letters Patent thereon, in and to applications pertaining to or based upon said inventions and applications, including divisional and continuing applications and continuations-in-part, and in and to any and all Letters Patent which may be granted and issued on said inventions and applications, or any of them, not only for, to and in the United States of America, its territories and possessions, but for, to and in all countries foreign thereto, together with and including all priority rights based upon any and all applications in the United States of America covered by this Assignment.

And for the above-named considerations, I/We do hereby agree that I/We will, at the request of said ASSIGNEE, execute any and all applications for Letters Patent for said inventions and any and all other papers and documents and do all other and further lawful acts that said ASSIGNEE may deem necessary or desirable to obtain Letters Patent on said inventions, to secure the grant of such Letters Patent and to perfect and vest in the ASSIGNEE the entire right, title and interest in the inventions, applications and Letters Patent.

And for the above-named considerations, I/We do hereby authorize and empower the ASSIGNEE, its successors and assigns, to apply for and obtain, in its or their own names, Letters Patent for the said inventions before competent International Authorities and in any and all countries foreign to the United States in which applications for Letters Patent can be so made or Letters Patent so obtained.

DATED at \_\_\_\_\_, this \_\_\_\_ day of \_\_\_\_\_, 20\_\_.  
(City, State)

Name: John Gainor  
Address: 1396 Knollwood Lane  
Mendota Heights, Minnesota 55118  
Country: USA  
Citizenship: USA

OFFICIAL NOTARY SEAL:

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me appeared JOHN GAINOR, to me personally known, who being by me duly sworn did say that he/she is the ASSIGNOR named in the foregoing instrument of Assignment and he/she signed this instrument of Assignment in my presence.

\_\_\_\_\_  
Notary Public

DATED at WEBSTER, WISCONSIN, this 23 day of NOVEMBER, 2011.  
(City, State)

Gary A. Thill  
Name: Gary A. Thill  
Address: ~~3741 Centerville Road~~ 25806 OLD 35  
Vadnais Heights, Minnesota 55129 WEBSTER, WI  
Country: USA 25806 Old 35  
Citizenship: USA Webster, Wisconsin 54893 54893

OFFICIAL NOTARY SEAL:

On this \_\_\_\_ day of \_\_\_\_\_, 2011, before me appeared GARY A. THILL, to me personally known, who being by me duly sworn did say that he/she is the ASSIGNOR named in the foregoing instrument of Assignment and he/she signed this instrument of Assignment in my presence.

\_\_\_\_\_  
Notary Public

DATED at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.  
(City, State)

\_\_\_\_\_  
Name: Robert Foster Wilson  
Address: 3107 West Owasso Blvd.  
Roseville, Minnesota 55113  
Country: USA  
Citizenship: USA

OFFICIAL NOTARY SEAL:

On this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me appeared ROBERT FOSTER WILSON, to me personally known, who being by me duly sworn did say that he/she is the ASSIGNOR named in the foregoing instrument of Assignment and he/she signed this instrument of Assignment in my presence.

\_\_\_\_\_  
Notary Public

DATED at \_\_\_\_\_, this \_\_\_\_\_ day of \_\_\_\_\_, 20\_\_\_\_.  
(City, State)

\_\_\_\_\_  
Name: Christopher M. Banick  
Address: 1490 Sunnybrook Drive  
Minnetrista, Minnesota 55364  
Country: USA  
Citizenship: USA

OFFICIAL NOTARY SEAL:

On this \_\_\_\_\_ day of \_\_\_\_\_, 2011, before me appeared CHRISTOPHER M. BANICK, to me personally known, who being by me duly sworn did say that he/she is the ASSIGNOR named in the foregoing instrument of Assignment and he/she signed this instrument of Assignment in my presence.

\_\_\_\_\_  
Notary Public