

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT3442758

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	JOSEPH R. MADSEN	07/16/2015
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	THE CHILDREN'S MEDICAL CENTER CORPORATION	
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<b>State/Country:</b>	MASSACHUSETTS	
<b>Postal Code:</b>	02115	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	13698477
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<b>ATTORNEY DOCKET NUMBER:</b>	S2207/20001	
<b>NAME OF SUBMITTER:</b>	SCOTT M. SLOMOWITZ	
<b>SIGNATURE:</b>	/SCOTT M. SLOMOWITZ/	
<b>DATE SIGNED:</b>	07/16/2015	
<b>Total Attachments: 1</b>		
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### ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, Joseph R. Madsen MD, hereby sell, assign and transfer to:

Name: The Children's Medical Center Corporation

Address: 55 Shattuck Street  
Boston, MA 02115

its successors, assigns and legal representatives, all hereinafter referred to as the "second Assignee", my entire right, title and interest for the United States, in and to any and all inventions which are disclosed in the following application:

U.S. Patent Application Serial No.: 13/698,477

Title: CSF SHUNT FLOW ENHANCER, METHOD FOR GENERATING CSF FLOW  
IN SHUNTS AND ASSESSMENT OF PARTIAL AND COMPLETE  
OCCLUSION OF CSF SHUNT SYSTEMS

Filed: November 16, 2012

Attorney Docket No: S2207/20001

and in and to said national phase application (based on PCT/US2011/037218) and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States on said inventions.

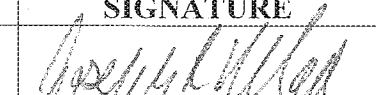
Whereas I, Joseph R. Madsen MD, am a co-inventor of ASN 13/698,477 with other inventors who have previously assigned all of their right, title and interest to the first Assignee, namely, ShuntCheck, Inc., in a previous assignment already recorded at Reel/Frame 029536/0855.

I agree that said first and second Assignees may apply for and receive Letters Patent for said inventions in their own names; and when requested, without charge to, but at the expense of said first and second Assignees, I agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said first and second Assignees all facts known to me relating to said inventions and the history thereof, and generally by doing everything possible which said first and second Assignees shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all United States applications for patents and all United States patents on said inventions, in said first and second Assignees.

I hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said first and second Assignees.

I covenant with said first and second Assignees that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

IN WITNESS WHEREOF, I have hereunto affixed my hand and seal on the date set forth below, and further declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

NAME	ADDRESS	SIGNATURE	DATE
Joseph R. Madsen MD	11 Broken Tree Road Newton Center, MA 02459		July 16, 2015