

# PATENT ASSIGNMENT

Electronic Version v1.1

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
Hemant S. Thatte	10/03/2009
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	President and Fellows of Harvard College
<b>Street Address:</b>	17 Quincy Street
<b>City:</b>	Cambridge
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02138
<b>Name:</b>	United States Government as represented by the Department of Veterans Affairs
<b>Street Address:</b>	810 Vermont Avenue N.W.
<b>Internal Address:</b>	Office of General Counsel - PSG IV (024)
<b>City:</b>	Washington
<b>State/Country:</b>	DISTRICT OF COLUMBIA
<b>Postal Code:</b>	20420
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
PCT Number:	US0900831
<b>CORRESPONDENCE DATA</b>	
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**PATENT**  
**REEL: 023388 FRAME: 0433**

ATTORNEY DOCKET NUMBER:	3023
NAME OF SUBMITTER:	Anne Craig
Total Attachments: 2 source=HU 3023 - Executed Assignment to HU and VA jointly#page1.tif source=HU 3023 - Executed Assignment to HU and VA jointly#page2.tif	

## ASSIGNMENT

For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the undersigned:

**Hemant S. Thatte**

(hereafter "Assignor") hereby assigns, sells, and transfers, jointly to:

**President and Fellows of Harvard College  
Address: 17 Quincy Street, Cambridge, Massachusetts 02138**

and

**The United States Government as represented by the Department of Veterans Affairs  
Address: Department of Veterans Affairs,  
Office of General Counsel - PSG IV (024),  
810 Vermont Avenue N.W.,  
Washington D.C., 20420.**

(hereafter "Assignees") their successors and assigns, in one-half undivided shares, Assignor's entire right, title and interest throughout the world in and to any and all inventions and improvements for:

### **Blood Substitute Solution**

described in U.S. Provisional Application No. 61/065,949 filed February 15, 2008, and in International Application No. PCT/US2009/000831 filed February 10, 2009, and in and to the aforesaid applications, in any form or embodiment thereof, and in and to any application filed in this and any foreign country based thereon, including the right to file said applications and claim priority under the provisions of any international convention or treaty; also the entire right, title and interest throughout the world in and to any and all patents or reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon said invention or inventions in this or any foreign country; and authorize and request the issuing authority to issue any and all patents on said application or applications to said Assignee or its successors and assigns.

Assignor hereby warrants that he/she has full right to convey his/her entire right, title and interest, both legal and equitable, in and to said inventions, free from all prior assignments, agreements, licenses, mortgages, security interests, or other encumbrances whatsoever; and

Assignor further agrees, without further payment or compensation by said Assignees or their successors and assigns, to communicate to said Assignees, their representatives or agents or its successors and assigns, any facts relating to said invention or inventions including evidence for interference purposes or for other legal proceedings, whenever requested; testify in any interference or other legal proceedings whenever requested; execute and deliver, on request, all lawful papers required to make any of the foregoing provisions effective; and generally do everything possible to aid said Assignees, their representatives or agents, or their successors or assigns to secure, obtain and enforce proper patent protection for said invention or inventions in this and any foreign country.

The undersigned hereby authorizes assignee or assignee's representative to insert into this Assignment said application serial number(s) and filing date(s) if not known at the time of execution of this assignment.

10/3/09

Date

Hemant Thatte

Hemant S. Thatte

10/3/09

Date

Sim-gui Lu

Witness

XIU-GUI LU

Witness's Printed Name