Form PTO-1595 (Rev. 08/05) OMB No. 0651-0027 (exp. 6/30/2008) 03 - 27	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office		
To the Director of the U.S. Patent and 10338	37427 cuments or the new address(es) below.		
Name of conveying party(ies)	2. Name and address of receiving party(ies) Name: Nellcor Puritan Bennett LLC		
Clark R. Baker, Jr.; Paul Mannheimer	Internal Address:		
Additional name(s) of conveying party(ies) attached? Yes No.  3. Nature of conveyance/Execution Date(s):  Execution Date(s) 03/07/2007; 03/07/2007	Street Address: 4280 Hacienda Drive		
✓ Assignment	City: Pleasanton		
Joint Research Agreement	State: California		
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: USA Zip: 94588		
Other	Additional name(s) & address(es) attached? ☐ Yes ✓ No		
A. Patent Application No.(s)     1. Filing Date: March 9, 2007     2. Title: System and Method for Detection of Venous Pulsation	document is being filed together with a new application.  B. Patent No.(s)  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: Michael G. Fletcher	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00		
Internal Address: Fletcher Yoder	✓ Authorized to be charged by credit card		
P.O. Box 692289, Houston, Texas 77269-2289  Street Address: 7915 FM 1960 West, Suite 330	Authorized to be charged to deposit account Enclosed		
	None required (government interest not affecting title)		
Citỳ:	8. Payment Information		
State: Texas Zip: 77070	a. Credit Card Last 4 Numbers 5002 Expiration Date 10/2008		
Phone Number: 281-970-4545	b. Deposit Account Number		
Fax Number: 281-970-4503	Authorized User Name		
Email Address:	/ totaloneod osol Atalife		
9. Signature:	March 9, 2007		
Signature Michael G. Fletcher	Date  Total number of pages including cover		
Name of Person Signing	sheet, attachments, and documents: 3		

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

03/13/2007 SSITHIB1 00000022 11716263

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PATENT REEL: 019088 FRAME: 0780

## **ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt and sufficiency of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Nelleor Puritan Bennett LLC (the "Assignee"), a corporation of the State of Delaware, having a place of business at 4280 Hacienda Drive, Pleasanton, California 94588, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is entitled "SYSTEM AND METHOD FOR DETECTION OF VENOUS PULSATION," and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 52144 may insert additional information identifying this application below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignce, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing and maintaining proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Add	itional Application Informa	ation.		
U.S. Provisional Application Serial No.		, filed on		
U.S. Non-Provisional Application Serial No.		filed on	,	
International Application Serial No.		, filed on		
(Signature): Law De Name: Clark R. Baker, Jr.	ler,	Date: MG	arch 7th	2007
STATE OF <u>California</u> COUNTY OF <u>Alameda</u>	§ ss.			
BEFORE ME, the undersigned authority, on this the to be the person whose name subscribed to the foregoing the purposes and consideration therein expressed.	day of March	odged to me that he executed	I the same of his own	free will for
TRIMI L. ENFOCEA Commission # 1435436 Resery Public - Colleges Alornedo County My Comm. Expires Jon 7, 2010	Juni S.	Caping L Notary or Consula	r Officer	

PATENT REEL: 019088 FRAME: 0781

## **ASSIGNMENT**

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, does hereby:

SELL, ASSIGN AND TRANSFER to Nellcor Puritan Bennett LLC (the "Assignee"), a corporation of the State of Delaware, having a place of business at 4280 Hacienda Drive, Pleasanton, California 94588, the entire right, title and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent, which is entitled "SYSTEM AND METHOD FOR DETECTION OF VENOUS PULSATION," and which may be further identified below, such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST that any attorney associated with PTO Customer No. 52144 may insert additional information identifying this application below after execution of this assignment;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will (1) execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements; (2) execute all rightful oaths, declarations, assignments, powers of attorney and other papers; (3) communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; (4) cooperate with the Assignee in any interference, opposition, dispute, or litigation involving any of the applications or patents for such improvements; and (5) generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

TO BE BINDING on the heirs, assigns, representatives and successors of the undersigned and extend to the successors, assigns and nominees of the Assignee.

Additional Application	n Information
U.S. Provisional Application Serial No.	, filed on
U.S. Non-Provisional Application Serial No.	filed on
International Application Serial No.	, filed on
ignature): Paul Mannheimer  Name: Paul Mannheimer	Date: 3/7/07
TATE OF <u>California</u> SOUNTY OF <u>Alameda</u> S  S  AN.	
BEFORE ME, the undersigned authority, on this day of day of on the person whose name subscribed to the foregoing instrument and accurate and consideration therein expressed.	2007, personally appeared Paul Mannheimer known to me knowledged to me that he executed the same of his own free will for the
TERRIT L. PEPINOZA Conventation # 1635836 Notary Public - Customia Alignated County	Notary or Consular Officer

RECORDED: 03/09/2007

**PATENT** 

REEL: 019088 FRAME: 0782