

FORM PTO-1619A

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(Rev. 6-99)



U.S. DEPARTMENT OF COMMERCE

Patent and Trademark Office

To the Honorable Commission

102034656

document or copy thereof.

Jc971 U.S. PTO
10/099974
03/19/02

1. Submission Type

New

3-19-02

Resubmission (Non-Recordation)

Document ID # _____

Correction of PTO Error

Reel # _____

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Corrective Document

Reel # _____

Frame # _____

2. Name of Conveying Party(ies):

MILLER, David R.

BELL, David A.

COX, Douglas L.

ZHANG, Songbiao

Additional Name(s) of conveying party(s) attached? Yes No

3. Name and Address of Receiving Party(ies):

Name: Hema Metrics, Inc.

Street Address: 695 North 900 West

City: Kaysville

State/Country: Utah

Zip: 84037

Additional name(s) & address(es) Yes No

4. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other: _____

Execution Dates: 03182002

5. Application number(s) or patent number(s):

If this document is being filed together with a new application,

the first execution date of the application is: 03182002

the filing date of the application is: 03192002

A. Patent Application No.(s)

B. Patent No.(s)

6 Name and address of party to whom correspondence concerning this matter should be mailed:

CUSTOMER NUMBER 00136

or

JACOBSON HOLMAN PLLC

400 Seventh Street, N.W.

Washington, DC 20004

Tel. 202-638-6666

Attorney Docket No. P67626US0

7. Number of applications and patents

1

8. Total fee (37 CFR 3.41) \$ 40.00

Enclosed

Any deficiencies in enclosed fees are authorized to be charged to deposit account 06-1358

DO NOT USE THIS SPACE

10. Statement and Signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Allen S. Melser, Reg. No. 27,215

Name of Person Signing/ Reg. #

Signature

March 19, 2002

Date

Total number of pages excluding cover sheet:

2

JPH&S 103-11/99
03/21/2002 TSLDANU 00000063 10059974

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UNITED STATES OF AMERICA – ASSIGNMENT

I/we:

- (1-6) Insert Name(s) of Inventors
- (1) David R. Miller
 - (2) David A. Bell
 - (3) Douglas L. Cox
 - (4) Songbiao Zhang
 - (5) _____ and
 - (6) _____

the undersigned, in consideration of the sum of one dollar (\$1.00), and other good and valuable considerations paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, agree(s) to assign, transfer and set over to

- (7) Insert Name of Assignee (7) Hema Metrics, Inc.
- (8) Insert Address of Assignee (8) of 695 North 900 West, Kaysville, Utah 84037
- (9) Insert Legal Entity and State or Country (e.g., a corporation or citizen of Japan) (9) a corporation of Utah

(hereinafter designated as the Assignee) the entire right, title and interest for the United States, its territories, dependencies and possessions, and the foreign rights in all patent-granting countries of the world, including the right to file applications and obtain patents for said invention in the name of each of the undersigned in said countries, including all rights of priority under the terms of the International Convention for the Protection of Industrial Property, in the invention known as

- (10) Insert Identification of Invention, such as Title, Case Number or Foreign Application Number (10) SENSOR FOR TRANSCUTANEOUS MEASUREMENT OF VASCULAR ACCESS BLOOD FLOW

for which the undersigned has (have) executed an application for patent in the United States of America

- (11) if executed together with the Declaration, check here or (11) Said application having been executed on even date herewith.
- (12) If executed after the application is filed, insert filing date and Serial No. (12) Said application having been filed on _____ and assigned Serial No. _____

1) The undersigned agree(s) to execute all papers necessary in connection with this application and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

2) The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared concerning this or any continuing or divisional applications thereof and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.

3) The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Union for Protection of Industrial Property or similar agreements.

4) The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

5) The undersigned hereby authorize(s) and request(s) the Commissioner of Patents and Trademarks to issue any and all Letters Patents of United States resulting from this application or any continuing or divisional applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed, and will not execute any agreement in conflict herewith.

6) The undersigned hereby grant(s) the law firm of **Jacobson Holman PLLC**, 400 Seventh Street, N.W., Washington, D.C. 20004, the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date <u>18 Mar 2002</u>	Name of Inventor <u>David R. Miller</u>	<u>David R. Miller</u> (SEAL)
	typed name	signature
Date <u>18 Mar 02</u>	Name of Inventor <u>David A. Bell</u>	<u>David A. Bell</u> (SEAL)
	typed name	signature
Date <u>3-18-02</u>	Name of Inventor <u>Douglas L. Cox</u>	<u>Douglas L. Cox</u> (SEAL)
	typed name	signature
Date <u>3-18-02</u>	Name of Inventor <u>Songbiao Zhang</u>	<u>Songbiao Zhang</u> (SEAL)
	typed name	signature
Date _____	Name of Inventor _____	_____ (SEAL)
	typed name	signature
Date _____	Name of Inventor _____	_____ (SEAL)
	typed name	signature

This assignment should preferably be signed before a United States Consul if signed abroad, or a Notary Public if domestically signed. If not, then the execution by the inventor(s) should be witnessed by at least two witnesses who sign here:

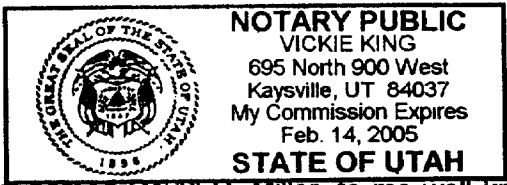
Additional inventors' names and signatures on a separate sheet.

Witness _____

Witness _____

LAW OFFICES OF
JACOBSON HOLMAN
 PROFESSIONAL LIMITED LIABILITY COMPANY
 THE JENIFER BUILDING
 400 SEVENTH STREET, N.W.
 WASHINGTON, D.C. 20004

State of: Utah
County of: Garfield



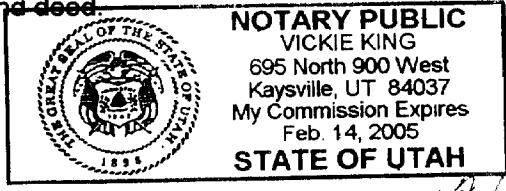
Personally appeared before me the above-named David R. Miller, to me well known, who signed the foregoing ASSIGNMENT in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

Vickie King
Notary Public

My commission to expire on February 14, 2005.

State of: Utah
County of: Garfield

Personally appeared before me the above-named David A. Bell, to me well known, who signed the foregoing ASSIGNMENT in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

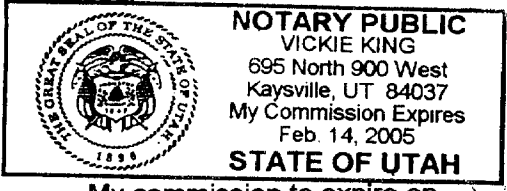


Vickie King
Notary Public

My commission to expire on February 14, 2005.

State of: Utah
County of: Garfield

Personally appeared before me the above-named Douglas L. Cox, to me well known, who signed the foregoing ASSIGNMENT in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.

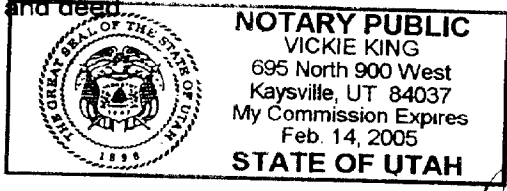


Vickie King
Notary Public

My commission to expire on February 14, 2005.

State of: Utah
County of: Garfield

Personally appeared before me the above-named Songbiao Zhang, to me well known, who signed the foregoing ASSIGNMENT in my presence on the date thereof and acknowledged the same to be his voluntary act and deed.



Vickie King
Notary Public

My commission to expire on February 14, 2005.