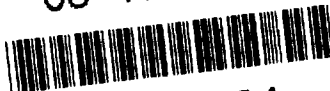


08-19-1999

8.16.99

IN THE UNITED STATES



101120834

TRADEMARK OFFICE

PATENT

Attorney Docket No. F8-5459

In re application of:

Hanley et al.

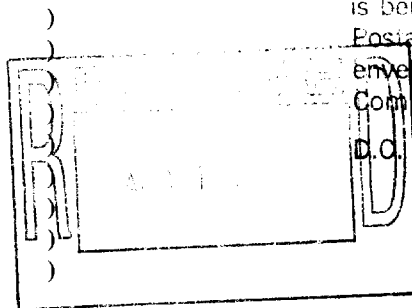
Serial No: 09/325,325

Filed: June 3, 1999

For: APPARATUS, SYSTEMS AND METHODS
FOR PROCESSING AND TREATING A
BIOLOGICAL FLUID WITH LIGHT

Art Unit: 1744

Examiner:



I hereby certify that this correspondence
is being deposited with the United States
Postal Service as first class mail in an
envelope addressed to: Assistant
Commissioner for Patents, Washington,
D.C. 20231, on August 13, 1999

Christine Baraglia

PATENT ASSIGNMENT COVER SHEET

Date

August 13, 1999

Assistant Commissioner for Patents
Washington, D.C. 20231

Dear Sir/Madam:

Please record the attached original document or copy thereof. Total number of pages (with cover sheet): 5

<p>1. Name of Conveying Party(ies): <u>Kathleen A. Hanley, Peyton S. Metzcl, Peter R. H. Stark, Wendy M. Power, Paul A. Franzosa, Daniela Homza Stark, David F. Beittel</u></p> <p>2. Name and Address of Receiving Party(ies): Name: <u>Baxter International Inc.</u> Internal Address (P.O. Box or Suite No.): _____ Street Address: <u>One Baxter Parkway</u> City: <u>Deerfield</u> State/Country: <u>Illinois</u></p> <p>3. Nature of Conveyance <input checked="" type="checkbox"/> Assignment _____ Merger _____ Security Agreement _____ Change of Name _____ Other _____ Execution Date: <u>6/17/99; 6/18/99; 6/21/99; 6/22/99</u></p> <p>4. Application Number(s) or Patent number(s) (If this document is being filed together with a new application, the execution date of the application is: _____)</p> <p>4a. Patent Application No.(s) <u>09/325,325</u></p> <p>4b. Patent No.(s)</p>	<p>5. Name and Address of Party to Whom Correspondence Concerning Document Should be Mailed: <u>Denise M. Serewicz</u> <u>BAXTER INTERNATIONAL INC.</u> <u>Rt. 120 and Wilson Road</u> <u>P.O. Box 490</u> <u>Round Lake, Illinois 60073</u></p> <p>6. Total Number of Applications and Patents Involved: <u>1</u></p> <p>7. Total Fee (37 CFR 3.41): \$ <u>40.00</u> 7a. <input checked="" type="checkbox"/> Enclosed 7b. <input checked="" type="checkbox"/> Authorized to be Charged to Deposit Account if there is any fee deficiency.</p> <p>8. Deposit Account Number: <u>50/1039</u> (A duplicate copy of this page is attached)</p> <p>9. Statement and Signature: <i>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.</i></p> <p><u>Andrew G. Kolomayets</u> Name of Person Signing <u>Andrew Kolomayets</u> Signature</p> <p>Date: <u>8/13/99</u></p>
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Serial No. ⁽¹⁾ 09/325,325

Filed ⁽¹⁾ June 3, 1999

In consideration of ONE DOLLAR and other good and valuable considerations, the receipt and sufficiency whereof are hereby acknowledged, we hereby assign to BAXTER INTERNATIONAL INC. (hereinafter referred to as "assignee"), a corporation of Delaware, having a principal place of business at DEERFIELD, ILLINOIS, its successors, legal representatives and assigns, the entire right, title and interest throughout the world in our invention or improvements in

⁽²⁾ APPARATUS, SYSTEMS AND METHODS FOR PROCESSING AND
TREATING A BIOLOGICAL FLUID WITH LIGHT

and in the application for Letters Patent of the United States therefor, executed by each of us individually on the date(s) indicated below and any and all other United States applications and applications in any and all countries which we may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States or of any other country which may be obtained on any of the said applications, and in any reissue or extension thereof.

We hereby authorize and request the Commissioner of Patents to issue said Letters Patent to said BAXTER INTERNATIONAL INC. We hereby authorize and request the attorneys of record in said application to insert in this assignment the date and serial number of said application when officially known.

We warrant ourselves to be the owners of the interest herein assigned and to have the right to make this assignment; and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said considerations we hereby agree, upon the request and at the expense of said assignee, its successors, legal representatives and assigns, to execute any and all divisional, continuation, and renewal applications for said invention or improvements, and any necessary oath or supplemental oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application that said assignee, its successors, legal representatives and assigns may deem necessary or expedient, and for the said considerations we further agree, upon the request of said assignee, its successors, legal representatives and assigns, in the event of said application or any division thereof, or Letters Patent issued thereon, or any reissue or application for the reissue thereof becoming involved in interference, to cooperate to the best of our ability with said assignee, its successors, legal representatives and assigns in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof. We further agree to perform, upon such request, any and all affirmative acts to obtain Letters Patent, and vest all rights therein hereby conveyed in the said assignee, its successors, legal representatives and assigns whereby said Letters Patent will be held and enjoyed by the said assignee, its successors, legal representatives and assigns to the end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made, and for the said considerations we hereby also assign to said assignee, its successors, legal representatives and assigns the entire right, title and interest in said invention or improvements for any and all foreign countries and the right of priority for patent and utility model applications in all countries arising under any applicable international convention for the protection of industrial property and/or any internal priority legislation of such countries, and we further agree upon the request of said assignee, its successors, legal representatives and assigns to execute any and all documents that shall be required to be executed in connection with any and all applications for foreign Letters Patent therefor, including the prosecution thereof, and to execute any and all documents necessary to invest title in said foreign applications and patents in said assignee.

WITNESS our hand and seal

Date 6/17/99 Signature Kathleen A. Hanley

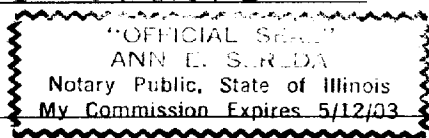
⁽³⁾ Typed Name: Kathleen A. Hanley

⁽⁴⁾ State of ILLINOIS, County of Lake

Signed before me on this 17th day of June, 1999

by Kathleen A. Hanley
Inventor

Ann E. Sureda
Notary Public



Date _____ Signature _____

⁽³⁾ Typed Name: Peter R. H. Stark

⁽⁴⁾ State of _____, County of _____

Signed before me on this _____ day of _____, 19____

by _____
Inventor

Notary Public

Date _____ Signature _____

⁽³⁾ Typed Name: Wendy M. Power

⁽⁴⁾ State of _____, County of _____

Signed before me on this _____ day of _____, 19____

by _____
Inventor

Notary Public

Date _____ Signature _____

⁽³⁾ Typed Name: Paul A. Franzosa

⁽⁴⁾ State of _____, County of _____

Signed before me on this _____ day of _____, 19____

by _____
Inventor

Notary Public

Serial No. ⁽¹⁾09/325,325Filed ⁽¹⁾June 3, 1999Name of Invention ⁽²⁾ APPARATUS, SYSTEMS AND METHODS FOR PROCESSING AND
TREATING A BIOLOGICAL FLUID WITH LIGHT

Date _____ Signature _____

⁽³⁾ Typed Name: Daniela Homza Stark⁽⁴⁾ State of _____, County of _____

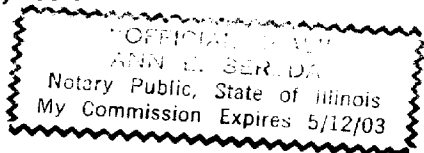
Signed before me on this _____ day of _____, 19____

by _____
Inventor_____
Notary Public

Date _____ Signature _____

⁽³⁾ Typed Name: David F. Beittel⁽⁴⁾ State of _____, County of _____

Signed before me on this _____ day of _____, 19____

by _____
Inventor_____
Notary PublicDate 6/17/99 Signature Peyton S. Metzel⁽³⁾ Typed Name: Peyton S. Metzel⁽⁴⁾ State of ILLINOIS, County of LakeSigned before me on this 17th day of June, 1999by Peyton Metzel
InventorAnn E. Serda
Notary Public

Date _____ Signature _____

⁽³⁾ Typed Name: _____⁽⁴⁾ State of _____, County of _____

Signed before me on this _____ day of _____, 19____

by _____
Inventor_____
Notary Public

Date _____ Signature _____

⁽³⁾ Typed Name: _____⁽⁴⁾ State of _____, County of _____

Signed before me on this _____ day of _____, 19____

Date _____ Signature _____

⁽³⁾ Typed Name: _____⁽⁴⁾ State of _____, County of _____

Signed before me on this _____ day of _____, 19____

Serial No. ⁽¹⁾ 09/325,325Filed ⁽¹⁾ June 3, 1999

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⁽²⁾ APPARATUS, SYSTEMS AND METHODS FOR PROCESSING AND
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WITNESS our hand and seal

Date _____ Signature _____

⁽³⁾ Typed Name: Kathleen A. Hanley⁽⁴⁾ State of _____, County of _____

Signed before me on this _____ day of _____, 19 _____

by _____
Inventor_____
Notary PublicDate 22 JUN 99 Signature Peter R. H. Stark⁽³⁾ Typed Name: Peter R. H. Stark⁽⁴⁾ State of MASSACHUSETTS, County of MIDSigned before me on this 22nd day of June, 19 99by Peter R. H. Stark
InventorAnne O'Brien Troutman
Notary PublicDate 6/18/99 Signature Wendy M. Power⁽³⁾ Typed Name: Wendy M. Power⁽⁴⁾ State of Massachusetts, County of MiddlesexSigned before me on this 18th day of June, 19 99by Wendy M. Power
InventorAnne O'Brien Troutman
Notary PublicDate 18 JUN 99 Signature Paul A. Franzosa⁽³⁾ Typed Name: Paul A. Franzosa⁽⁴⁾ State of Massachusetts, County of MiddlesexSigned before me on this 18th day of June, 19 99by _____
InventorAnne O'Brien Troutman
Notary Public

Serial No. (1) 09/325,325 Filed (1) June 3, 1999

Name of Invention (2) APPARATUS, SYSTEMS AND METHODS FOR PROCESSING AND
TREATING A BIOLOGICAL FLUID WITH LIGHT

Date _____ Signature Daniela Homza Stark
(3) Typed Name: Daniela Homza Stark
(4) State of Massachusetts, County of Middlesex
Signed before me on this 18 day of June, 19 99
by Daniela Homza Stark
Inventor

Date _____ Signature David F. Beittel
(3) Typed Name: David F. Beittel
(4) State of Massachusetts, County of Middlesex
Signed before me on this 21st day of June, 19 99
by David F. Beittel
Inventor

Susan O'Brien Troutman
Notary Public

Susan O'Brien Troutman
Notary Public

Date _____ Signature _____
(3) Typed Name: Dayton S. Metzel
(4) State of _____, County of _____
Signed before me on this _____ day of _____, 19____
by _____
Inventor

Notary Public

Date _____ Signature _____
(3) Typed Name: _____
(4) State of _____, County of _____
Signed before me on this _____ day of _____, 19____
by _____
Inventor

Notary Public

Date _____ Signature _____
(3) Typed Name: _____
(4) State of _____, County of _____
Signed before me on this _____ day of _____, 19____
by _____
Inventor

Notary Public

Date _____ Signature _____
(3) Typed Name: _____
(4) State of _____, County of _____
Signed before me on this _____ day of _____, 19____
by _____
Inventor

Notary Public