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ER SHEET

FORM PTO-1595 U.S.
(Rev. 6-93)
OMB No. 0651-0011 (exp. 4/94)



101264878

DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Assistant Commissioner for Patents : Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Farhad ZARINETCHI, Robert M. HART, Michael G. VERGA, and Stephen J. KEVILLE</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: 12/22/99; 12/28/99; and 12/30/99</p>	<p>2. Name and address of receiving party(ies)</p> <p>Name: ABIOMED, INC.</p> <p>Internal Address:</p> <p>Street Address: 22 Cherry Hill Drive Danvers, MA 01923</p> <p>Additional name(s) & addresses(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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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>A. Patent Application No.(s) 09/346,833</p>	<p>B. Patent No.(s)</p>
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Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence Concerning document should be mailed:</p> <p>Name: James H. Morris Address: WOLF, GREENFIELD & SACKS, P.C. Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210</p>	<p>6. Total number of applications and patents involved: [1]</p> <p>7. Total fee (37 CFR 3.41) \$ 40.00</p> <p><input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>The Commissioner is authorized to charge:</p> <p>8. Deposit Account No: 23/2825</p>
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9. 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.

James H. Morris		January 7, 2000
Name of Person Signing	Signature	Date

Total number of pages including cover sheet, attachments, and document: **[4]**

Mail documents to be recorded with required cover sheet information to:

02/10/2000 DNGUYEN 00000019 09346833
01 FC:581 40.00 OP
428241.1

Box Assignment
Assistant Commissioner for Patents,
Washington, D.C. 20231

ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt of which is hereby acknowledged, we the undersigned Farhad Zarinetchi of Chelmsford, Massachusetts, Robert M. Hart of Arlington, Massachusetts, Michael G. Verga of Newton, Massachusetts, and Stephen J. Keville of Harvard, Massachusetts, hereby

Sell, assign and transfer to ABIOMED, Inc., a Delaware corporation having a place of business at Cherry Hill Drive, Danvers, Massachusetts, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent filed in the United States Patent and Trademark Office on July 2, 1999 under Serial No. 09/346,833 and entitled TRANSCUTANEOUS ENERGY TRANSFER DEVICE WITH MAGNETIC FIELD PROTECTED COMPONENTS IN SECONDARY COIL, and in and to said application 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 and all foreign countries 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 and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

We agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we 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 Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

We hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee.

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

12/28/99

Date

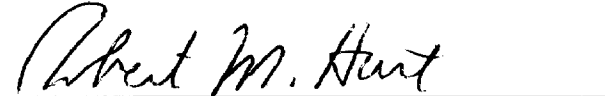

FARHAD ZARINETCHI

STATE OF Massachusetts :
COUNTY OF Essex :

Subscribed and sworn to before me this 28th day of December 1999 .


My Commission Expires June 18, 2004

12/28/99
Date



Robert M. Hart

STATE OF Massachusetts :
COUNTY OF Essex :

Subscribed and sworn to before me this 28th day of December 1999 .


My Commission Expires June 18, 2004

12/30/99
Date


Michael G. Verga

STATE OF Massachusetts :
COUNTY OF Essex :

Subscribed and sworn to before me this 30th day of December 1999 .


My Commission Expires June 18, 2004

12/22/1999

Date

Stephen J. Keville
STEPHEN J. KEVILLE

STATE OF Massachusetts :
COUNTY OF Worcester :

Subscribed and sworn to before me this 22 day of December 1999.

Chris J. Jasin
My Commission Expires May 21, 2004