FORM PTO-1595 U.S. (Rev. 6-93) (Rev. 6-93)	03-02-2000 DRM CC TS ONI 101279985 MERCE *k Office
OMB No. 0651-0011 (exp. 4/94)	record the attached original documents or copy thereof.
1. Name of conveying party(ies): Farhad ZARINETCHI and Stephen J. KEVILLE	2. Name and address of receiving party(ies)     Name: ABIOMED, INC.
Additional name(s) of conveying party(ies) attached? [] Yes [X] No	Internal Address:
<ul> <li>3. Nature of conveyance:</li> <li>[X] Assignment [] Merger</li> <li>[] Security Agreement [] Change of Name</li> </ul>	Street Address: 22 Cherry Hill Drive Danvers, MA 01923
[] Other Execution Date: January 6, 2000 and December 30, 1999	Additional name(s) & addresses(es) attached? [] Yes [X] No
If this document is being filed together with a new application A. Patent Application No.(s) 09/347,322	, the execution date of the application is B. Patent No.(s) attached? [ ] Yes [X] No
<ol> <li>Name and address of party to whom correspondence Concerning document should be mailed:</li> </ol>	6. Total number of applications and patents involved: [1]
Name: James H. Morris Address: WOLF, GREENFIELD & SACKS, P.C. Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210 2/2000 DCORTES 00000014 09347322 C:581 40.00 DP	<ul> <li>7. Total fee (37 CFR 3.41) \$40.0</li> <li>[X] Enclosed <ol> <li>Authorized to be charged to deposit account</li> </ol> </li> <li>The Commissioner is authorized to charge: <ol> <li>Deposit Account No: 23/2825</li> </ol> </li> </ul>
	E THIS SPACE
9. Statement and signature To the best of my knowledge and belief, the foregoing inform original document.	ation is true and correct and any attached copy is a true copy of
James H. Morris	January 19, 2000
Name of Person Signing Signa	ture Date
Total number of pages including cover	sheet, attachments, and document: [3]
Mail documents to be recorded wite Box As Commissioner of F	h required cover sheet information to: ssignment Patents & Trademarks, n, D.C. 20231

PATENT REEL: 010574 FRAME: 0177

## 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 and Stephen J. Keville of Harvard, Massachusetts, hereby

Sell, assign and transfer to ABIOMED, Inc., a Delaware corporation having a place of business at 22 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. 09/347,322 and entitled MAGNETIC SHIELD FOR PRIMARY COIL OF TRANSCUTANEOUS ENERGY TRANSFER DEVICE, 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.

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PATENT REEL: 010574 FRAME: 0178

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.

1/6/99 Date 00 F.Z. HARHAD ZARINETCHI

STATE OF <u>Massachusetts</u> COUNTY OF Essex :

Subscribed and swom to before me this 6th may of January 2000

My Commission Expires June 18, 2004

12/30/49 Date

STATE OF  $\underline{M}_{a}$ sachusetts: COUNTY O

Styling Kentle

Subscribed and sworn to before me this  $30^{-4}$  day of 2000 mbg(199)My Gommission Expires May 21, 2007

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