02-22-2002 ORM PTO-1595 RF U.S. DEPARTMENT OF COMMERCE SHEET Patent and Trademark Office Rev. 6-93) DMB No. 0651-0011 (exp. 4/94) 101989747 To the Honorable Commissioner of Patents and Tr d original documents or copy thereof. Name of conveying party(ies): Name and address of receiving party(ies) Kevin A. Jarrell Name: Trustees of Boston University Vincent W. Coljee Internal Address: William Donahue Street Address: 108 Bay State Road Svetlana Mikheeva Additional name(s) of conveying party(ies) attached? City: Boston State: MA Zip Code: ☐ Yes 図No Nature of conveyance: ■ Assignment ☐ Merger Additional name(s) & address(es) attached? ☐ Yes ☒ No ☐ Security Agreement ☐ Change of Name ☐ Other Execution Dates: 8/21/01, 9/26/01, 10/03/01, and 12/18/01 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: Patent Application No.(s) Patent No.(s) 09/897,712 filed June 29, 2001 Additional numbers attached? ☐ Yes ☒ No Name and address of party to whom correspondence concerning Total number of applications and patents involved: 1 document should be mailed: Total fee (37 CFR 3.41)...... \$ 40.00 Name: Brenda Herschbach Jarrell, Ph.D. Reg. No. 39,223 Internal Address: Choate, Hall & Stewart ☐ Authorized to be charged to deposit account Deposit account number: 03-1721 Street Address: Exchange Place (Attach duplicate copy of this page if paying by deposit account) 53 State Street City: Boston State: MA ZIP: 02109 DO NOT USE THIS SPACE 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. Brenda Herschbach Jarrell Name of Person Signing Total number of pages including cover sheet, attachments, and document: 6 I hereby certify that this correspondence is the beautiful to the beautiful that the correspondence is the beautiful that t Mail documents to be recorded with required cover sheet information street with the United States Postal Service as first Sommissioner of Patents and Trademarks, Box Assignments assuments in an envelope addressed to: Assistant 12/21/2002 DBYRNE 00000119 09897712 Washington, D.C. 20231 Commissioner For Patents, Washington, D.C. 20231 40.00 DP)1 FC:581 Page 1 of 1 S.S.N. 09/897,712 ocket No.: 0079571-0068 349344_1.DOC (BU 9857)

REEL: 012585 FRAME: 0264

BOSTON UNIVERSITY SCHOOL OF MEDICINE

ASSIGNMENT

KNOW ALL MEN BY THESE PRESENTS THAT

WHEREAS,

We, Kevin A. Jarrell of Lincoln, MA, Vincent W. Coljee of Cambridge, MA, William Donahue of Quincy, MA, and Svetlana Mikheeva, Lynwood, WA have invented certain improvements in "IMPROVED NUCLEIC ACID CLONING" and

WHEREAS, TRUSTEES OF BOSTON UNIVERSITY, a corporation duly organized under the laws of the Commonwealth of Massachusetts, and having a regular and established place of business at 108 Bay State Road, Boston, County of Suffolk, Commonwealth of Massachusetts, is desirous of acquiring the entire right, title and interest in and to said invention and to any and all Letters Patent of the United States and of all other countries which may be granted therefor; and

WHEREAS, We Kevin A. Jarrell, Vincent W. Coljee, William Donahue, and Svetlana Mikheeva have entered or will enter into an Agreement with the Boston University Medical Center (BUMC), under the terms of which all rights in the aforesaid invention are to be acquired by Trustees of Boston University and net royalties generated by the invention of "IMPROVED NUCLEIC ACID CLONING" and accruing to Trustees of Boston University are to be shared with the inventor(s), the Boston University School of Medicine, and University Hospital, pursuant to said Agreement.

NOW, THEREFORE, BE IT KNOWN THAT FOR and in consideration of one dollar and other valuable consideration paid to me/us by the TRUSTEES OF BOSTON UNIVERSITY, a corporation of Massachusetts, hereinafter called Assignee, having its principal place of business at Boston, Massachusetts, the receipt of which is hereby acknowledged, do hereby sell, assign and transfer unto said Trustees of Boston University, its successors, assigns and legal representatives, the entire right, title and interest for the United States of America and all foreign countries in and to any and all improvements which are disclosed in the application for United States Letters Patent entitled: "IMPROVED NUCLEIC ACID CLONING" invented by us and described in said application executed by me of even date herewith and filed on June 29, 2001, Serial Number 09/897,712 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 said improvements; and including all rights of priority resulting from the filing of any such applications.

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PATENT REEL: 012585 FRAME: 0265 We agree that said Assignee may apply for and receive Letters Patent in its own name; and that when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns and legal representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns and legal representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements, and for vesting title to said improvements and all application for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and I/we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said U.S. application(s) to said Assignee, its successors and assigns.

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

Kevin A. Jarrell

Commonwealth of Massachusetts

County of MIDWESEX

Before me this 26TH day of September, 2001, personally appeared to me, KEVIN A. JARREL, personally known to be the person who is described in and who executed the above instruments, and acknowledge to me that he/she executed the same of his/her own free will for the purpose therein set forth.

Notary

HOSELI: Nc Commonwea

eachusetta Guion Expirea 21 - 2004 Vincent W. Colject Date

Vincent W. Colject Date

C	Country of Denmark
p	province of Sixelland
C	County of GENTOFTE
E tl	Before me this 18 day of December, 200 /, personally appeared to me, , personally known to be the person who is described in and who executed he above instruments, and acknowledge to me that he/she executed the same of his/her own free vill for the purpose therein set forth.
-0-	Signed Wifnenes.
1)	18/12-2001 Notary Public (Please attach Notary seal)
9 6	CLATU ALPROM 12
2) — PE	THE SEJER ANDERSEN 18/12-01
	William Donahue Date
C	Commonwealth of Massachusetts
C	County of
E	Before me this day of, 2001, personally appeared to me, , personally known to be the person who is described in and who executed
	he above instruments, and acknowledge to me that he/she executed the same of his/her own free will for the purpose therein set forth.
	Notary Public

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Commonwealth of Massachusetts

County of November 1

Before me this ______, day of _______, 2001, personally appeared to me, ______, personally known to be the person who is described in and who executed the above instruments, and acknowledge to me that he/she executed the same of his/her own free

will for the purpose therein set forth.

William Donahue

Date

Commonwealth of Massachusetts

County of Nortolk

Before me this 3'd day of October, 2001, personally appeared to me,

Will conc house here, personally known to be the person who is described in and who executed the above instruments, and acknowledge to me that he/she executed the same of his/her own free

will for the purpose therein set forth.

Votary Public

A True Copy Attest
THERESE F BELLOTTI-WELCH
NOTARY PUBLIC

My commission expires Nov. 1, 2007

Wasnington Commonwealth of Massachuseus

RECORDED: 02/05/2002

Before me this 21st day of August, 2001, personally appeared to me, Syetlana Mikhewa, personally known to be the person who is described in and who executed the above instruments, and acknowledge to me that he/she executed the same of his/her own free will for the purpose therein set forth.

Notary Public (Ruth A. Oskolkoff)

Commission expires 10-18-04

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