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Attorney Docket Number

9465-005-999

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS **Box Assignment** Washington, DC 20231 Please record the attached original documents or copy thereof. 1. Name of conveying party(ies): 2. Name and address of receiving party(ies): Michael T. Boyce-Jacino, Miriam B. Addelston, Steven R. Name: Molecular Tool, Inc. Address: 5210 Eastern Avenue Additional name(s) of conveying party(ies) attached? Yes X Baltimore, Maryland 21224 Country (if other than USA):_ 3. Nature of conveyance: **X** Assignment Merger ☐Security Agreement Change of Name Execution Date: August 13, 1998; July 31, 1998; and July 31, 1998, respectively 4. Application number(s) or patent number(s): 09/097,791 If this document is being filed together with a new application, the execution date of the application is: B. Patent No.(s) A. Patent Application No.(s) Additional numbers attached? Yes No 6. Number of applications 5. Name and address of party to whom correspondence concerning document should be mailed: and patents involved: one (1) PENNIE & EDMONDS LLP Total fee (37 CFR 3.41):....\$ 40.00 1155 Avenue of the Americas Please charge to the deposit account listed in Section 8. New York, NY 10036 8. Deposit account number: 16-1150 DO NOT USE THIS SPACE 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. S Sugust 14, 1998 Laura A. Coruzzi 30,742 Date Name of Person Signing Reg. No. Total number of pages including cover sheet: 1611

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JOINT

ASSIGNMENT

WHEREAS, WE, MICHAEL BOYCE-JACINO, MIRIAM B. ADDELSTON, and STEVEN R. HEAD, ASSIGNORS, citizens of United States of America, residing at 3811 Niner Road, Finksburg, Maryland 21048; 6301 N. Charles Street, #103, Baltimore, Maryland 21212; and 1830 Stagecoach Drive, Manchester, Maryland 21102, respectively, are the inventors of the invention in POLYMERASE SIGNALING ASSAY for which we have executed an application for a Patent of the United States
which is executed on 🛛 even date herewith or 🗆 (date)
which is identified by Pennie & Edmonds LLP docket no. 9465-005 which was filed on June 16, 1998, Application No. 09/097,791
and WHEREAS, Molecular Tool, Inc., 5210 Eastern Avenue, Baltimore, Maryland 21224, ASSIGNEE is desirous of obtaining our entire right, title and interest in, to and under the said invention and the said application:
NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and raluable consideration, the receipt of which is hereby acknowledged, we, the said ASSIGNORS, have sold, assigned, ransferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, our entire right, title and interest in, to and under the said invention, and he said United States application and all divisions, renewals and continuations thereof, and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, together with the right to file such applications and the right to claim for the same the priority rights derived from said United States application under the Patent Laws of the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;
AND WE HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEE, its uccessors, legal representatives and assigns, in accordance with the terms of this instrument.
AND WE HEREBY covenant and agree that we have full right to convey the entire interest herein assigned, and hat we have not executed, and will not execute, any agreement in conflict herewith.
AND WE HEREBY further covenant and agree that we will communicate to the said ASSIGNEE, its successors, egal representatives and assigns, any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, reissue and foreign applications, make all rightful oaths, and generally to everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.
IN TESTIMONY WHEREOF, We hereunto set our hands and seals the day and year set opposite our respective ignatures.
Date 8/13/98, 1998 Went 18 Dyahr L.S.
County of BA 1+1 MICE) SS.:
On this 1311 day of 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared Michael T. Boyce-Jacino on me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he cknowledged the same to be his free act and deed. Notary Public.

Date 7/31/98 , 1998 William Added L.S.
State of Mayland, County of Ballinose SS.:
County of Baltimose SS.:
On this 3 At day of County aforesaid, personally appeared Miram B. Addelston . 1998, before me, a Notary Public in and for the State and
to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.
Hethlen K. Oldewrite Notary Public.
Date 7/3/198 , 1998
State of Mayland
State of Mayland County of Baltinoise
On this 31st day of Outy, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared Steven R. Head
to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed,
Kathleen & Oldewritel
Notary Public.