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Attorney Docket Number

100744198

7326-038

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):

Grace E. Gray

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies):

Name: Yale UniversityAddress: 451 College StreetNew Haven, Connecticut 06520

3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other _____

Country (if other than USA): _____

Execution Date: April 6, 1998

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: _____

A. Patent Application No.(s) 08/981,392

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

PENNIE & EDMONDS LLP
1155 Avenue of the Americas
New York, NY 100366. Number of applications and patents involved: 17. Total fee (37 C.F.R. 3.41):.....\$ \$40.00
Please charge to the deposit account listed in Section 8.8. 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.*Adriane M. Antler 32,605
Name of Person Signing Reg. No.

Signature

June 8, 1998
Date

Total number of pages including cover sheet:

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PENY4-708457.1

ASSIGNMENT

WHEREAS, I, GRACE E. GRAY (herein called "ASSIGNOR"), citizen of the United States, residing at 815 Whitney Avenue, Apt. 4, New Haven, Connecticut 06511, am a co-inventor with David Ish-Horowicz, Domingos Manuel Pinto Henrique, Julian Hart Lewis, and Spyridon Artavanis-Tsakonas, of the invention in NUCLEOTIDE AND PROTEIN SEQUENCES OF VERTEBRATE *DELTA* GENES AND METHODS BASED THEREON for which I have executed an application for a Patent of the United States

- ☒ which is identified by Pennie & Edmonds LLP docket no. 7326-038;
☒ which was filed on December 22, 1997, Serial No. 08/981,392 as the National Stage of International Application No. PCT/US96/11178 filed June 28, 1996

and WHEREAS, Yale University, having an address at 451 College Street, New Haven, Connecticut 06520 (herein called "ASSIGNEE"), is desirous of obtaining my 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 me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred 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, my entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals, and continuations thereof, and applications claiming priority under 35 U.S.C. § 119(e) thereto, 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 I 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 successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to me 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 do 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, I hereunto set my hand and seal this 4th day of April, 1998.

Grace E. Gray L.S.

State of CONNECTICUT)
) SS.: NEW HAVEN
County of NEW HAVEN)

On this 6TH day of APRIL, 1998, before me, a Notary Public in and for the State and County aforesaid, personally appeared Grace E. Gray, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and she acknowledged the same to be her free act and deed.

Janet N Budzinski,
Notary Public.
JANET N BUDZINSKI

My Commission Expires September 30, 1999