
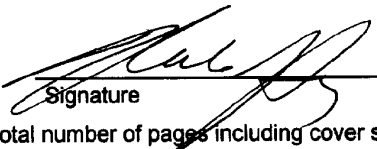


Form PTO-1595 MRD (Rev. 6-93) 8-28-98 RECOF		09-03-1998  100806685		U.S. DEPARTMENT OF COMMERCE HEET Patent and Trademark Office	
OMB No. 0651-0011 (exp. 4/94)					
To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.					
1. Name of conveying party(ies): Rafael Arguello Alejandro Madrigal Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			2. Name and address of receiving party(ies): Name: <u>The Anthony Nolan Bone Marrow Trust</u> Internal Address: _____ _____ _____ Street Address: _____ _____ City: <u>Hampstead</u> State: <u>Great Britain</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
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 _____ Execution Date: June 18, 1998 and June 17, 1998					
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: _____ A. Patent Application No.(s) 09/077,615 B. Patent No.(s) _____ Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Nicholas J. Seay Internal Address: Quarles & Brady Street Address: P O Box 2113 City: Madison State: WI Zip: 53701-2113			6. Total number of applications and patents involved: 1 7. Total Fee (37 CFR 34) <u>\$40.00</u> <input type="checkbox"/> Enclosed <input checked="" type="checkbox"/> Authorized to be charged to deposit account 8. Deposit account number: 17-0055 <small>(Attach duplicate copy of this page if paying by deposit account)</small>		
<div>09/02/1998 TTON11 00000135 170055 09077615 01 FC:581 40.00 CH</div> <div style="text-align: center;">DO NOT USE THIS SPACE</div>					
9. Statement and signature <i>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.</i> <div style="display: flex; justify-content: space-between;"><div><u>Nicholas J. Seay</u> Name of person signing</div><div> Signature</div><div><u>August 24, 1998</u> Date</div></div> <div style="text-align: right;">Total number of pages including cover sheet, attachments and document: 5</div>					

Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents and Trademarks, Box Assignments
Washington, D.C. 20231

ASSIGNMENT

WHEREAS, WE, Rafael Arguello of _____;
and Alejandro Madrigal of _____ have made
certain inventions which are described in an application for
Letters Patent of the United States entitled METHODS FOR
SEPARATING AND/OR IDENTIFYING DNA MOLECULES executed by us
preparatory to obtaining United States Letters Patent
therefor, and

WHEREAS, The Anthony Nolan Bone Marrow Trust (hereinafter
referred to as said Company), a _____ corporation
having a place of business at Hampstead, Great Britain is
desirous of acquiring the entire interest in said inventions
throughout the United States of America and the territories
thereof, for all other countries and under all international
agreements,

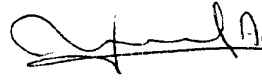
NOW, THEREFORE, for and in consideration of One Dollar
(\$1.00) to us in hand paid, and other good and valuable
consideration, receipt whereof is hereby acknowledged, we
hereby sell, assign and transfer unto said Company, its
successors and assigns, the entire right, title and interest
throughout the United States of America and the territories
thereof, for all foreign countries and under all international
agreements in and to said inventions, the aforesaid
application, all other applications hereafter filed in the
United States, in any other country, or under any
international agreement based in whole or in part on said
inventions, and all Letters Patents granted upon said
applications by the United States, by any other country or
under any international agreement, and we do hereby authorize
and request the Commissioner of Patents and Trademarks to
issue said Letters Patent to said Company. We further grant
to said Company, its successors and assigns, the right to
claim for any of said applications the full benefits and
priority rights of any international agreement between the
United States and any foreign country or countries or between
any other countries.

We hereby warrant that we have the full right to make the
conveyance herein, and we hereby covenant that we, our heirs,
legal representatives and assigns, will when requested,
communicate to said Company, its representatives, successors
and assigns, all facts known respecting said inventions,
execute all divisional, continuing, reissue, reexamination and
foreign or international applications, together with
individual assignments therefor, make all rightful oaths, sign
all lawful papers, testify in any legal proceeding and
generally do everything possible to aid said Company, its
successors and assigns, in the obtaining of Letters Patent.

IN TESTIMONY WHEREOF, we have hereunto set our hands and
seals at the location and on the date indicated with our

signatures.

Date: 18-06-98



Rafael Arguello

)
) SS
)

Before me on this _____ day of _____,
199__, came Rafael Arguello, to me known to be the person
named in the foregoing assignment and he acknowledges his
execution thereof to be his free act and deed.

(SEAL)

Notary Public,

My Commission: _____

Date: 17 June 98



Alejandro Madrigal

)
) SS
)

Before me on this _____ day of _____,
199__, came Alejandro Madrigal, to me known to be the person
named in the foregoing assignment and he acknowledges his
execution thereof to be his free act and deed.

(SEAL)

Notary Public,

My Commission: _____

QBMAD\162323