

01-10-2002

ASSIGNMENT



SHEET Patents Only

101939311

To the Honorable Commissioner of Patents...  
Please record the attached original documents or copy thereof.

ney Dkt. No.: 35780/233666 (5780-5)

1. Name of conveying party(ies):  
  
Todd Lewis Talarico  
Cyrus John Stacey  
  
1.3.02  
  
Additional name(s) of conveying party(ies) attached? Yes  No

2. Name and address of receiving party(ies):  
  
Apex Bioscience, Inc.  
2810 Meridian Parkway, Suite 120  
Durham, NC 27713  
  
Additional name(s) & address(es) attached? Yes  No

3. Nature of conveyance:  
  
 Assignment  
 Merger  
 Security Agreement  
 Change of Name  
 Other \_\_\_\_\_  
  
Execution Date: Todd Lewis Talarico, October 30, 2001; Cyrus John Stacey, October 30, 2001

4. Application No. 09/934,300; filed August 21, 2001 Patent No. \_\_\_\_  
  
If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_  
  
Additional numbers attached? Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
  
**CUSTOMER NO. 00826**  
**ALSTON & BIRD LLP**  
Bank of America Plaza  
101 South Tryon Street, Suite 4000  
Charlotte, NC 28280-4000

6. Total number of applications and patents involved:  
  
1

7. Total fee (37 CFR 3.41) \$40.00  
 Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 16-0605

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.*

Name of Person Signing: W. Murray Spruill  
Reg. No. 32,943

11/14/01  
Date

Total number of pages including cover sheet, attachments, and document: 5

RTA01/2107120v1

01/09/2002 6TON11 00000114 09934300

01 FC:581

40.00 0P

PATENT  
REEL: 012425 FRAME: 0584

**ASSIGNMENT - WORLDWIDE**

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

Apex Bioscience, Inc.  
2810 Meridian Parkway, Suite 120  
Durham, NC 27713

its successors and assigns, the entire right, title and interest, so far as concerns the United States and the Territories and Possessions thereof and all foreign countries in and to the invention in **"METHODS FOR PURIFICATION OF AN ACTIVATED PEG SOLUTION AND FOR THE SYNTHESIS OF A MODIFIED HEMOGLOBIN SOLUTION"**

as set forth in this United States Patent Application

- executed concurrently herewith
- executed on
- Application No. 09/934,300; filed 08/21/2001
- Application claims priority from Application No. , filed , all applications listed above being hereinafter referred to as the "subject applications";

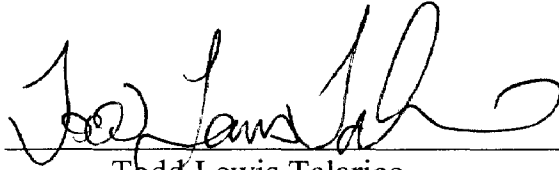
said application for United States Letters Patent, including all divisional, renewal, substitute, continuation, nonprovisionals, continuation-in-parts, and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all Letters Patent and reissues, reexaminations, and extensions of Letters Patent granted for said inventions or upon said applications and every priority right that is or may be predicated upon or arise from said inventions, said applications, and said Letters Patent; said Assignee being hereby authorized to file patent applications in any or all countries on any or all said inventions in the name of the undersigned or in the name of said Assignee or otherwise as said Assignee may deem advisable, under the International Convention or otherwise; the Commissioner of Patents and Trademarks of the United States of America being hereby authorized to issue or transfer all said Letters Patent to said Assignee in accordance herewith; this assignment being under covenant, not only that full power to make the same is had by the undersigned, but also that such assigned right is not encumbered by any grant, license, or other right theretofore given, and that the undersigned will do all acts reasonably serving to ensure that the said inventions, patent applications and Letters Patent shall be held and enjoyed by said Assignee as fully and entirely as the same could have been held and enjoyed by the undersigned if this assignment had not been made, and particularly to execute and deliver to said Assignee all lawful documents including petitions, specifications, oaths, assignments, invention disclaimers, declarations, and lawful affidavits in form and substance which may be requested by said Assignee, to furnish said Assignee with all

facts relating to said inventions or the history thereof and any and all documents, photographs, models, samples or other physical exhibits which may embody said inventions, and to testify in any proceedings relating to said inventions, patent applications, and/or Letters Patent.

The undersigned hereby grant(s) an authorized representative of Assignee the power to insert in this Assignment any further identification that may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

10/30/01

Date



Todd Lewis Talarico

State of NORTH CAROLINA )

County of DURHAM )

I, KATHERINE Y. EVANS, a Notary Public for said County and State, do hereby certify that Todd Lewis Talarico personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 30<sup>TH</sup> day of OCTOBER, 2001.

(Official Seal)

Katherine Y. Evans

Notary Public

My commission expires 10/5/05

10-30-01

Date

Cyrus John Stacey  
Cyrus John Stacey

State of NORTH CAROLINA )

County of DURHAM )

I, KATHERINE Y. EVANS, a Notary Public for said County and State, do hereby certify that Cyrus John Stacey personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 30<sup>TH</sup> day of OCTOBER, 2001.

(Official Seal)

Katherine Y. Evans  
Notary Public  
My commission expires 10/5/05

Attorney Docket No. 35780/233666 (5780-5)  
RTA01/2105122v1