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To the Honorable Commissioner of Patents and Trademarks: Please receive the attached original document or copy thereof.

1. Name(s) of conveying party(ies):

1) DAVID LAROCCA
2) ANDREW BAIRD
3) PAUL KASSNER
4)
5)
6)

Additional names of conveying parties attached? Yes No

2. Name and address of receiving party:

Name: SELECTIVE GENETICS, INC.

Internal Address: _____

Street Address: 11035 ROSELLE STREET

City: SAN DIEGO State CA

Zip: 92121-1204

Additional names & addresses attached? Yes No

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

Execution Dates:

1) OCTOBER 28, 1999 4) _____
2) OCTOBER 28, 1999 5) _____
3) OCTOBER 29, 1999 6) _____

4. Application number(s) or registration 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):
09/195,379

B. Patent No(s): _____

Additional numbers attached? Yes No

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

Name SEED AND BERRY LLP

Internal Address: WILLIAM T. CHRISTIANSEN, PH.D.

6300 COLUMBIA CENTER

Street Address: 701 FIFTH AVENUE

City: SEATTLE State: WA ZIP: 98104-7092

6. Total number of applications and patents involved..... 1

7. Total Fee (37 CFR 3.41): \$40

Enclosed

Authorized to be charged to deposit account

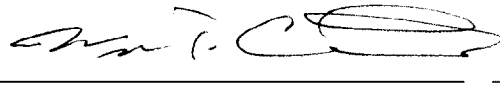
8. Deposit account number:
19-1090

11/05/1999 DNGUYEN 00000251 09195379
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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.

WILLIAM T. CHRISTIANSEN, PH.D.  11/1/99

Name of Person Signing Signature Date

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

SUPPLEMENTAL ASSIGNMENT

WHEREAS, we, David Larocca, Andrew Baird and Paul Kassner (hereinafter referred to as ASSIGNORS), having post office addresses of 1530 Calle Tulipanes, Encinitas, California 92024, 5309 Via Papal, San Diego, California 92122, and 3912 Trust Way, Hayward, California 94545, respectively, are the inventors of an invention entitled "METHODS FOR IDENTIFICATION OF TARGET CELLS FOR KNOWN AND PUTATIVE LIGANDS," as described and claimed in the specification forming part of a continuation-in-part application for United States letters patent which was filed on November 17, 1998 and assigned Application No. 09/195,379; this application is a continuation-in-part of U.S. Application No. 09/141,631, filed August 28, 1998, which application is now pending, and which application claims the benefit of priority from U. S. Provisional Application Serial No. 60/057,067, filed August 29, 1997.

WHEREAS, Selective Genetics, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of Delaware having a place of business at 11035 Roselle Street, San Diego, California 92121-1204, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers unto said ASSIGNEE, the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns for their use and benefit and of their successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this assignment, transfer and sale not been made. ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNOR agrees to execute all instruments and documents required for the making and prosecution of applications for

United States and foreign letters patent on said invention, for litigation regarding said letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Oct. 28, 1999

Date

David Larocca

David Larocca

State of California)

County of San Diego)

ss.

I certify that I know or have satisfactory evidence that David Larocca is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated 10-28-99

Signature of Gail Parsons
Notary Public

Printed Name GAIL PARSONS

My appointment expires 8-9-02

October 28, 1999

Andrew Baird

Date

Andrew Baird

State of

California

County of

San Diego

ss.

I certify that I know or have satisfactory evidence that Andrew Baird is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated 10-28-99

Signature of Notary Public *Gail Parsons*

Printed Name GAIL PARSONS

My appointment expires 8-9-02

October 29, 1999
Date

Paul D. Kassner
Paul Kassner

State of California)

County of San Mateo) ss.

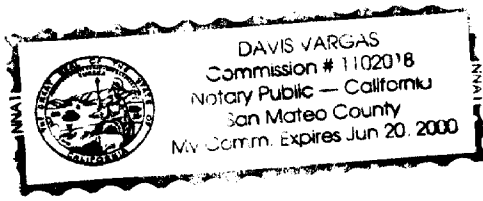
I certify that I know or have satisfactory evidence that Paul Kassner is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.

Dated 10-29-99

Signature of Notary Public Davis Vargas

Printed Name DAVIS VARGAS

My appointment expires JUNE 20, 2000



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