



MRD 11.12.99

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

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

1) PHILIP T. FELDSINE
 2) DAVID E. KERR
 3) PING ZHU
 4) LINDA MUI
 5)
 6)

Additional names of conveying parties attached? Yes No

3. Nature of conveyance:

Assignment Merger
 Security Agreement Change of Name
 Other _____

Execution Dates:

1) NOVEMBER 3, 1999 4) NOVEMBER 3, 1999
 2) NOVEMBER 3, 1999 5) _____
 3) NOVEMBER 3, 1999 6) _____

2. Name and address of receiving party:

Name: BIOCONTROL SYSTEMS, INC.
 Internal Address: _____

Street Address: 12822 SOUTHEAST 32ND STREET

City: BELLEVUE State WA
 Zip: 98005

Additional names & addresses attached? Yes No

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).
09/374,560

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

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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.
 Name of Person Signing


 Signature

11/9/99
 Date

Total number of pages including cover sheet, attachments, and document: 4

ASSIGNMENT

WHEREAS, we, Philip T. Feldsine, David A. Kerr, Ping Zhu, and Linda Mui (hereinafter referred to as ASSIGNORS), having post office addresses of 1621 72nd Avenue Southeast, Mercer Island, Washington 98040; 3039 28th Avenue West, Seattle, Washington 98199; 8822 Northeast 137th Place, Kirkland, Washington 98034, and 11911 Northeast 67th Place, Kirkland, Washington 98033, respectively, are the joint inventors of an invention entitled "COMPOSITION, FORMULAE, DEVICES AND METHODS FOR CONTROL OF SPECIFICITY AND INCLUSIVITY OF MICROORGANISMS CONTAINING CLOSELY RELATED ANTIGEN EPITOPES," as described and claimed in the specification for which an application for United States utility patent application was filed on August 13, 1999, and assigned Application No. 09/374,560.

WHEREAS, BioControl Systems, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of Washington having a place of business at 12822 Southeast 32nd Street, Bellevue, Washington 98005, 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, ASSIGNORS hereby sell, assign and transfer 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 as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree 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 letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

Date 11/3/99

Philip T. Feldsine
Philip T. Feldsine

State of WASHINGTON)

County of KING)

ss.

I certify that I know or have satisfactory evidence that Philip T. Feldsine 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 11/3/99

Signature of Notary Public Troy Wessman

Printed Name Troy Wessman

My appointment expires 6/15/03

Date 11/3/99

David A. Kerr
David A. Kerr
E.
DK

State of WASHINGTON)

County of KING)

ss.

I certify that I know or have satisfactory evidence that David A. Kerr 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 11/3/99

Signature of Notary Public Troy Wessman

Printed Name TROY WESSMAN

My appointment expires 6/15/03

11-3-99

[Signature]

Date _____

Ping Zhu

State of WASHINGTON)

County of KING)

ss.

I certify that I know or have satisfactory evidence that Ping Zhu 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 11/3/99
Signature of Notary Public *[Signature]*
Printed Name TROY WESSMAN
My appointment expires 6/15/03

11/3/99

Date _____

[Signature]
Linda Mui

State of WASHINGTON)

County of KING)

ss.

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

Dated 11/3/99
Signature of Notary Public *[Signature]*
Printed Name Troy Wessman
My appointment expires 6/15/03

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