

02-11-1999



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PATENT

REEL: 9747 FRAME: 0321

02/10/1999 00000099 09164023 40.00 00 01 FEB 581

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Name John P. Breen

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Address (line 2) 11 South Meridian Street, Suite 1313

Address (line 3) Indianapolis, Indiana 46204

Address (line 4)

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Patent Application Number(s)

Patent Number(s)

09164023

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year

Patent Cooperation Treaty (PCT)

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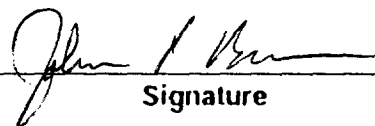
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John P. Breen  
Name of Person Signing

  
Signature

2/2/99  
Date

**ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s) of Inventor(s) Carl T. Wittwer,  
Philip S. Bernard,  
 \_\_\_\_\_ and,  
 \_\_\_\_\_

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

MULTIPLEX GENOTYPING USING FLUORESCENT HYBRIDIZATION PROBES

Title of Application

which has been executed by the undersigned on

Date of signing of Application by each inventor 10/26/98, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of Assignee University of Utah  
 \_\_\_\_\_  
 Address of principal place of business 421 Wakara Way, Ste. 170  
 \_\_\_\_\_  
Salt Lake City, UT 84108  
 \_\_\_\_\_

Insert State of Incorporation (if applicable) or "Not Applicable" a corporation of Utah

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at Salt Lake City, UT this 26<sup>th</sup> day of Oct, 1998.

Outside the USA:  
Witnesses are required when acknowledgment before a Notary Public is not feasible.

Witness

Witness

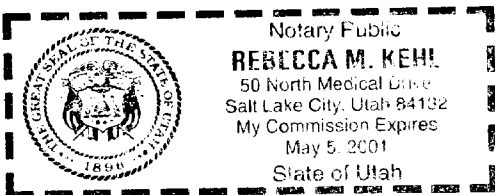
[Signature]  
Inventor (Signature)

Carl T. Witter  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF \_\_\_\_\_ }  
COUNTY OF Salt Lake } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this 26<sup>th</sup> day of October, 1998.



[Signature]  
Notary Public

REBECCA M. KEHL  
Printed Name

My Commission Expires: May 5, 2001

Resident of Salt Lake County

IN WITNESS WHEREOF, I have executed this assignment at Salt Lake City UT  
this 26<sup>th</sup> day of October, 1998.

Outside the USA;  
Witnesses are  
required when  
acknowledgment  
before a Notary  
Public is not  
feasible.

\_\_\_\_\_  
Witness

Philip Bernard  
\_\_\_\_\_  
Inventor (Signature)

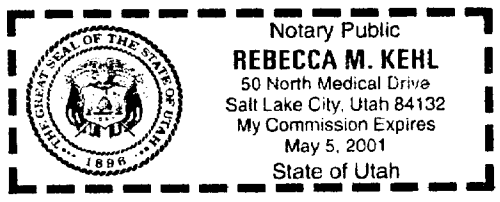
\_\_\_\_\_  
Witness

Philip S. Bernard  
\_\_\_\_\_  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF \_\_\_\_\_ )  
                                  )     SS:  
COUNTY OF \_\_\_\_\_ )

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal this  
26<sup>th</sup> day of October, 1998.



Rebecca M. Kehl  
\_\_\_\_\_  
Notary Public

REBECCA M. KEHL  
\_\_\_\_\_  
Printed Name

My Commission Expires: May 5, 2001

Resident of Salt Lake County

U.S. Application Serial No. 09/164,023

Filing Date September 30, 1998