

12-02-1998



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RECORDATION FORM COVER SHEET
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TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS:
PLEASE RECORD THE ATTACHED ORIGINAL DOCUMENTS OR COPY THEREOF.

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

John R. Thompson

Additional name(s) of conveying party(ies) attached? yes X no

2. Nature of conveyance:

- X Assignment
- Merger
- Security Agreement
- Change of Name
- Other:

3. Name and address of receiving party(ies):

Name: Merck & Co., Inc.Internal Address: RY 60-30Street Address: PO Box 2000City & State: Rahway, New JerseyZip: 07065-0907Additional names & addresses attached? Yes X NoExecution Dates: January 24, 1997

4. Application number(s) or patent number(s) are as follows:

- (a) Patent Application Nos. 08/932,004, filed Sept. 17, 1997
entitled "TRANSFORMATION OF SACCHAROMYCES
CEREVISIAE BY ELECTROPORATION".

(b) If this document is being filed together with a new application, the execution date of the application:

Additional numbers attached? Yes X No5. Name & address of party to whom correspondence
concerning document should be mailed:Name: ELLIOTT KORSENInternal Address: PATENT DEPT. - RY 60-30P.O. BOX 2000City & State: RAHWAY, N.J. Zip: 07065-09076. Total no. of applications & patents involved: ONE7. Total fee (37 CFR 3.41).....\$ 40.00 EnclosedX The Commissioner is hereby authorized to
charge **deposit account number 13-2755** for
any fees which may be required or to credit
any overpayment.

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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.ELLIOTT KORSEN Regis. No. 32,705

Name of Person Signing

Signature

Date

Total number of pages comprising cover sheet: 1

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and reviewing the sample cover sheet. Send comments regarding this burden estimate to the U.S. Patent
and Trademark Office, Office of Information Systems, PK2-1000C, Washington, D.C. 20231, and to the
Office of Management and Budget, Paperwork Reduction Project (0651-0011), Washington, D.C. 20503.I hereby certify that this correspondence is being
deposited with the United States Postal Service as
first class mail in an envelope addressed to:
Assistant Commissioner for Patents, Wash-
ington, D.C. 20231, on the date appearing below.

MERCK & CO., INC.

By [Signature] Date 11/18/98PATENT
REEL: 9607 FRAME: 0407

ASSIGNMENT AND AGREEMENT

For value received, I, John R. Thompson
of 2323 Redwood Road, Scotch Plains, New Jersey 07076
hereby sell, assign and transfer to MERCK & CO., Inc., a corporation of the State of New Jersey, having an office at Lincoln Avenue,
City of Rahway, State of New Jersey, and its successors, assigns and legal representatives, the entire right, title and interest, for all
countries, in and to certain inventions relating to
TRANSFORMATION OF SACCHAROMYCES CEREVISIAE BY ELECTROPORATION

described in an application for Letters Patent of the United States, executed by me on even date herewith, or executed on the date
shown in the Declaration and Power of Attorney relating to said application, and all the rights and privileges, including any and all
benefits under the International Convention for the Protection of Industrial Property and related treaties, under any and all Letters
Patents which may be granted in any foreign country, and under any and all extensions, divisionals, reissues and continuations of said
Letters Patents.

I request that any and all Patents for said inventions be issued to said assignee, its successor, assigns and legal
representatives, or to such nominees as it may designate.

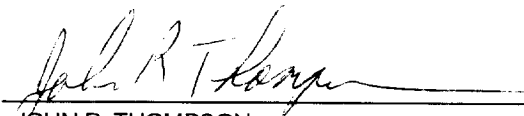
I agree that, when requested, I will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths,
and do all acts which may be necessary, desirable or convenient for securing and maintaining Patents for said inventions in any and all
countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

I covenant with said assignee, its successors, assigns and legal representatives, that the rights and property herein conveyed
are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

I hereby authorize my attorney, ELLIOTT KORSEN or an attorney with Power of Attorney in this application,
of the said MERCK & CO., Inc., to insert **Serial No.**, and **Filing Date** of said application(s) when known.

Signed at MERCK & CO., INC.

this 24th day of January 1997



JOHN R. THOMPSON

ASSIGNMENT AND AGREEMENT

STATE OF NEW JERSEY

County of UNION

} SS.

Personally appeared before me the above-named John R. Thompson

to me known and known to me to be the person who executed the foregoing instrument and acknowledged said instrument to be his free

act and deed this 24th day of January 1997.

Sylvia G. Brown

Notary Public

SYLVIA G. BROWN
Notary Public of New Jersey
My Commission Expires June 9, 1999