

ASSIGNMENT

WHEREAS, I, Rawle I. Hollingsworth residing at 1222 Woodwind Trail, Haslett, Michigan 48840 have invented certain new and useful improvements in PROCESS FOR THE PREPARATION OF 3,4-DIHYDROXYBUTANOIC ACID AND DERIVATIVES THEREOF FROM SUBSTITUTED PENTOSE SUGARS for which an application for United States Letters Patent was signed by me on even date herewith; and

WHEREAS, Board of Trustees, a constitutional Corporation operating Michigan State University, (hereinafter referred to as Assignee) of East Lansing, State of Michigan is desirous of acquiring the entire right, title and interest in and to said 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, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, the receipt whereof is hereby acknowledged, and other valuable considerations, I the said Rawle I. Hollingsworth, have sold, assigned and transferred, and by these presents do sell, assign and transfer unto said Assignee the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations and extensions thereof.

I hereby authorize and request the Patent and Trademark Office officials in the United States and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said Assignee as the assignee of my entire right, title and interest in and to the same for the sole use and behoof of the said

Assignee, its successors and assigns.

FURTHER, I agree that I will communicate to said Assignee or its representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitution, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said Assignee, make all rightful oaths and generally do everything possible to aid said Assignee, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in any and all foreign countries.

IN TESTIMONY WHEREOF, I have hereunto set my hand this 31st day of March, 1999.

Signed in the Presence of:

[Signature] [Signature]
Rawle I. Hollingsworth

STATE OF MICHIGAN :
COUNTY OF INGHAM : ss.

On this 31st day of March, 1999, personally appeared before me the above named Rawle I. Hollingsworth to me known and known to me to be the person described in and who executed the foregoing instrument and acknowledged the same to be his free act and deed in and for the purposes set forth in said instrument.

SEAL

[Signature]
Notary Public
My Commission Expires: EILEEN J. MCLEOD
Notary Public, Ingham County, MI
My Commission Expires Apr. 30, 2001
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