PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT	
NATURE OF CONVEYANCE:	Corrective Assignment to correct the misspelling of Assignor Foody's first name from "Patric" to "Patrick" previously recorded on Reel 014628 Frame 0948. Assignor(s) hereby confirms the Assignment Cover Sheet, dated June 19, 2003.	

CONVEYING PARTY DATA

Name	Execution Date
Jeff Tolan	03/05/2002
Corina Popovici	03/06/2002
Patrick J. Foody	03/05/2002

RECEIVING PARTY DATA

Name:	logen Bio-Products Corporation
Street Address:	400 Hunt Club Road
City:	Ottawa, Ontario
State/Country:	CANADA
Postal Code:	K1V 1C1

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	10451308	

CORRESPONDENCE DATA

(312)321-4299 Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

(312) 321-4200 Phone:

mrichards@usebrinks.com Email: Correspondent Name: Brinks Hofer Gilson & Lione

P.O. Box 10395 Address Line 1:

Address Line 4: Chicago, ILLINOIS 60610

NAME OF SUBMITTER: Marc V. Richards

Total Attachments: 7

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REEL: 016221 FRAME: 0560

PATENT

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PAT						
TO THE COMMISSIONER FOR PATENTS						
Please record the attached original document or copy thereof.						
1.	Name of Party(les) conveying an interest:		ess of Party(ies) receiving an interest:			
	Jeff Tolan	Name:	logen Bio-Products Corporation			
	Corina Popovici	Internal Address:	400 Hunt Club Road			
	Patric J. Foody	Street Address: City:	Otlawa			
		State/Zip:	Ontario, Canada, K1V 1C1			
Add	litional name(s) of conveying party(ies) attached?	4	2,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			
	☐ Yes ⊠ No	Additional name(s)	and addresses attached?			
			☐ Yes 🛛 No			
3.	Description of the interest conveyed:					
	☐ Change of Name	Other:				
	Security Agreement					
	Geografy Agreement Give 30					
	Execution Date: March 5, 2002; March 6, 2002; March 5,					
200	2	1 . W 1- 10 [] V 15	This is a second of the second			
4.	Application number(s) or patent number(s). Additional she	et attacheo? [] Yes [Z	1 NO			
	If this document is being filed together with a new applicat	ion, the execution date	of the application is:			
	THE COORDINATE OF THE COORDINA					
	D	ate				
	Patent Application No.(s)	B. Patent No.(s)				
	T/CA01/01837 (10/451,308)					
6U/	258,163					
		ttached? ☐ Yes ⊠ <u>No</u>				
5.	Name and address of party to whom correspondence	6. Number of applica	ations and patents involved: 2			
	concerning document should be mailed: BRINKS HOFER GILSON & LIONE	7. Total fee (37 CFR	\$ 3.41) \$ 80			
	P.O. BOX 10395	☐ Enclosed	(d.41)			
	CHICAGO, IL 60610		be charged to Deposit Account No.			
	(312)321-4200	23-1925	- ,			
			ge any deficiencies in fee or credit any			
	DO NOT HO		to Deposit Account No. 23-1925.			
	DO NOT USE	THIS SPACE				
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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.						
copy of the original document.						
	AM_		,			
	Marc V. Richards, Reg. No. 37,921	evo rulas	6 <u>-19 -03</u>			
	Name of Person Signing S	ignature	Date			

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

Rev. Dec.-99 Document5

REEL: 016221 FRAME: 0562

ASSIGNMENT OF APPLICATION

WHEREAS, WE:

Jeff TOLAN, Corina POPOVICI and Patrick J. FOODY whose full post office addresses are 114 Hawk Crescent, Ottawa, Ontario, K1V 9G7, Canada, 2240 Halifax Drive, Apt. 211, Ottawa, Ontario K1G 2W8, Canada and 240 Clare Street, Ottawa, Ontario K1Z 7C9, Canada (hereinafter called "ASSIGNORS") have invented certain new and useful improvements in the invention entitled ALKALINE EXTRACTION STAGES COMPRISING XYLANASE, as fully described and claimed in United States application no. 60/258,163 filed on December 22, 2000, for which applications for Letters Patents have been made and

WHEREAS, IOGEN CORPORATION, having a place of business at 400 Hunt Club Road, Ottawa, Ontario K1V 1C1, Canada, hereinafter called ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patents that may be granted therefor in the United States, Canada and throughout the world

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, WE, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in United States, Canada and throughout the world and the entire right, title and interest in and to any and all Letters Patents which may be granted therefor in United States, Canada and throughout the world and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.

WE hereby authorize and request the Patent Office Officials in United States, Canada and throughout the world to issue any and all of said Letters Patents, when granted, to said ASSIGNEE as the assignee of our entire right, title and interest in and to the same, for the sole use and behalf of said ASSIGNEE, its successors and assigns, to the full end of the term for which said Letters Patents may be granted, as fully and entirely as the same would have been held by us had this Assignment and sale not been made.

Further, WE agree that we will communicate to said ASSIGNEE or its representatives any facts known to us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patents 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 United States, Canada and throughout the world.

The undersigned hereby authorizes the firm of GOWLING LAFLEUR HENDERSON LLP to correct errors in this Assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in United States, Canada and throughout the world

In witness whereof the Assignor has executed this Assignment through its duly authorize	zed
officer(s) this	
Jeff Wan John	
WITNESS:	
On this 5 day of MARCH , 2001, before me persona	ally
appeared the above named Jeff Tolan, to me known and known by me to be the person describ	bed
in and who executed the foregoing instrument, and acknowledged the same to be his own f	free
act and deed.	
Murel amount	

In witness whereof the Assig	gnor has executed this	Assignment through its duly
authorized officer(s) this 6th da	ay of March	
		''
	Conna Popovi	5
	Corina Popovici	
WITNESS:		
. 0		2002
On this 6 day of	March	, 2001 before me
personally appeared the above name		me known and known by me
to be the person described in a	nd who executed the	foregoing instrument, and
acknowledged the same to be her o		
	Jellyen	S. Tolom
	100	1 14 1.1.
In witness whereof the Ass	ignor has executed this	Assignment through its duly
authorized officer(s) this	day of NARCH	, 2001. AUU 2
		MM
	Patrick J. Foody	
		•
WITNESS:		
		, 2002 , 2001 before me
personally appeared the above nan	ned Patrick J. Foody , t	o me known and known by me
to be the person described in	and who executed th	e foregoing instrument, and
acknowledged the same to be her	own free act and deed.	
	Muru	(Camont
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RECORDED: 07/05/2005