

PATENTS ONLY

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**TO THE COMMISSIONER FOR PATENTS****Please record the attached original document or copy thereof.**

1. Name of Party(ies) conveying an interest:

Jeff Tolan  
Corina Popovici  
Patric J. Foody

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

2. Name and Address of Party(ies) receiving an interest:

Name: Iogen Bio-Products Corporation  
Internal Address:  
Street Address: 400 Hunt Club Road  
City: Ottawa  
State/Zip: Ontario, Canada, K1V 1C1

Additional name(s) and addresses attached?

☐ Yes ☒ No

3. Description of the interest conveyed:

☒ Assignment☐ Change of Name

Other:

☐ Security Agreement☐ MergerExecution Date: March 5, 2002; March 6, 2002; March 5,20024. Application number(s) or patent number(s). Additional sheet attached? ☐ Yes ☒ No

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

Date

A. Patent Application No.(s)

PCT/CA01/01837 (10/451,308)  
60/258,163

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence concerning document should be mailed:

BRINKS HOFER GILSON & LIONE  
P.O. BOX 10395  
CHICAGO, IL 60610  
(312)321-4200

6. Number of applications and patents involved: 2

7. Total fee (37 CFR 3.41)

\$ 80☒ Enclosed☐ Authorized to be charged to Deposit Account No. 23-19258. ☒ Please charge any deficiencies in fee or credit any overpayment to Deposit Account No. 23-1925.**DO NOT USE THIS SPACE**

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.

Marc V. Richards, Reg. No. 37,921  
Name of Person Signing

Signature

6-19-03  
Date

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

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Document5

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**PATENT**  
**REEL: 014628 FRAME: 0948**

## 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.

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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 authorized officer(s) this 5 day of March, 2001  
2002

Jeffrey A. Tolan  
Jeff Tolan

WITNESS:

On this 5 day of MARCH, 2001<sup>2002</sup>, before me personally appeared the above named Jeff Tolan, to me known and known by me to be the person described in and who executed the foregoing instrument, and acknowledged the same to be his own free act and deed.

Muriel Camout

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In witness whereof the Assignor has executed this Assignment through its duly authorized officer(s) this 6<sup>th</sup> day of March, ~~2001~~ <sup>2002</sup>.

Corina Popovici  
Corina Popovici

WITNESS:

On this 6<sup>th</sup> day of March, ~~2001~~ <sup>2002</sup> before me personally appeared the above named **Corina Popovici**, to me known and known by me to be the person described in and who executed the foregoing instrument, and acknowledged the same to be her own free act and deed.

Jeffrey S. Tolam

In witness whereof the Assignor has executed this Assignment through its duly authorized officer(s) this 5 day of MARCH, ~~2001~~ <sup>2002</sup>.

Patrick J. Foody  
Patrick J. Foody

WITNESS:

On this 5 day of MARCH, ~~2001~~ <sup>2002</sup> before me personally appeared the above named **Patrick J. Foody**, to me known and known by me to be the person described in and who executed the foregoing instrument, and acknowledged the same to be <sup>his</sup> ~~her~~ own free act and deed.

Muriel Ramont