11-05-2001 FORM PTO-1595 U.S. Department of Commerce 1-31-92 Patent and Trademark Office Attorney Docket No. 01288.0016 Attorney Customer Number: 22,852 101893227 To the Honorable Commissioner of Pate ATTN. BOX ASSIGNMENTS Please record the attached original dosuments or copy thereof. Name of conveying party(ies): 2. Name and address of receiving party(ies): 1) Carolyn Elizabeth LISTER 2) Colin Charles EADY **NEW ZEALAND INSTITUTE FOR CROP &** Name: FOOD RESEARCH LIMITED Additional name(s) of conveying party(ies) aftached Internal Address: 3. Nature of conveyance: Street Address: Gerald Street, Lincoln, Chirstchurch, **NEW ZEALAND** \boxtimes Assignment Merger City: Security Change of Name State: Zip Code: Agreement Other: Additional name(s) & Address(es) attached? **Execution Date:** September 13, 2001 ☐ Yes ⊠ No Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of 4. the application: A. Patent Application Number(s): B. Patent Number(s): 09/890,064 Additional numbers attached? Yes ⊠ No Name and address of party to whom correspondence 6. Total number of applications and registrations 5. involved: concerning document should be mailed: 7. Total fee (37 CFR 3.41): \$40 Mr. Ernest F. Chapman Name: Enclosed (Please charge deficiency to deposit \boxtimes account) Authorized to be charged to deposit account FINNEGAN, HENDERSON, FARABOW, GARRETT Internal Address: & DUNNER, L.L.P. 1300 | Street, N.W. Street Address: City: Washington, D.C. Deposit Account No.: 06-0916 8. 20005-3315 Zip: State: Statement and signature.

9.

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.

Ernest F. Chapman Reg. No. 25,961

October 31, 2001

Date

Total number of pages including cover sheet, attachments and documents: 3

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JOINT INVENTION (U.S. Rights Only)

ASSIGNMENT

WHEREAS, We, the below named inventors, (hereinafter referred to as assignors, have made an invention entitled:

TRANSFORMATION AND REGENERATION OF ALLIUM PLANTS

for which we executed an application for United States Letters Patent concu	ırrentiy
herewith or filed an application for United States Letters Patent on July 26, 2	2001
(Application No); and	

WHEREAS, NEW ZEALAND INSTITUTE FOR CROP & FOOD RESEARCH LIMITED, a corporation of New Zealand, whose post office address is Gerald Street, Lincoln, Christchurch, NEW ZEALAND (hereinafter referred to as assignee), is desirous of securing the entire right, title, and interest in and to this invention, the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

MOW THEREFORE, be it known that, for good and valuable consideration the receipt of which from assignee is hereby acknowledged, we, as assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, our entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with assignee, its successors and assigns, any facts known to us respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful paths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

PATENT REEL: 012292 FRAME: 0414 AND, WE HEREBY authorize and request the attorneys we have empowered in the Declaration and Power of Attorney in this application, to insert here in parentheses (Application No. _______, filed_July 26, 2001) the filing date and application number of said application when known.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

First Assignor

Carolyn Elizabeth LISTER
58 Charles Upham Avenue
Hillmorton, Christchurch
NEW ZEALAND

Citizenship:

NEW ZEALAND

Signature: Land

Date.

13' Supt 2001

Second Assignor

Colin Charles Eady

69 Ellesmere Junction Road

Lincoln, Christchurch NEW ZEALAND

Citizenship:

NEW ZEALAND

Signature:

Date:

13' September

2001

FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P.

PATENT

REEL: 012292 FRAME: 0415