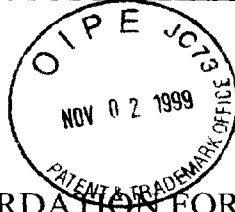


11/2/99

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101196411

Department of Commerce
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PATENT

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- Assignment
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- Merger
- Change of Name
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- | | |
|-----------------------|---------------------|
| 1. Joseph W.G. MALONE | 1. October 20, 1999 |
| 2. Sandra J. DAVIES | 2. October 20, 1999 |
| 3. Robert A. SIMMS | 3. |

Receiving Party(ies)

- 1. Name: **Solvay (Societe Anonyme)**
Address: **Rue du Prince Albert, 33, B-1050 Brussels, BELGIUM**

Correspondent Name and Address

Tel No. 703-739-4900

Name: Walter C. Gillis
LARSON & TAYLOR • 1199 No. Fairfax St. • Suite 900 • Alexandria, VA 22314-1437

Docket No.: P0

Pages: Enter the total number of pages of the attached conveyance document including any attachments # **5**

Application Number(s) or Patent Number(s)

(DO NOT ENTER BOTH numbers for the same property)

Patent Application Number(s)

Patent Number(s)

09/379,785

This document is being filed together with a new patent application.

Month

Day

Year

The date the patent application was signed by the first named inventor is:

Patent Cooperation Treaty (PCT)

Enter Number only if a US Appl. No. has not been assigned

Number of Properties

Enter the total number of properties involved

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41)

\$40.00

Payment is **Enclosed** (Any insufficiency in fee is authorized to be charged to Deposit Account No. 12-0555)

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. Charges to deposit are authorized, as indicated herein.

Name: Walter C. Gillis

Date: November 2, 1999

11/03/1999 ASAHLE 00000129 09379785

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40.00 DP

**PATENT
REEL: 010361 FRAME: 0075**

ASSIGNMENT OF PATENT APPLICATION

(US rights only - all US rights assigned by inventors to a single assignee)

WHEREAS,

- (1) *Joseph W.G. MALONE*
- (2) *Sandra J. DAVIES*
- (3) *Robert A. SIMMS*

residing respectively at

- (1) 26 Thingwall Lane, Liverpool, Merseyside L14 7NX, GREAT BRITAIN;
- (2) 24 Cheryl Drive, Widnes, Cheshire WA8 0BQ, GREAT BRITAIN;
- (3) 3 Walnut Close, Woolston, Warrington, Cheshire WA1 4HA, GREAT BRITAIN

(hereinafter referred to as the "ASSIGNOR") has/have invented certain new and useful improvements in *PROCESS FOR HYDROPONIC CULTIVATION OF PLANTS*

for which an application for a United States Patent

was executed on even date herewith
was executed on

XX was filed on August 24, 1999, as Serial No.: 09/379,785

And WHEREAS, Solvay (Societe Anonyme)

whose Post Office Address is Rue du Prince Albert, 33, B-1050 Brussels, BELGIUM

(hereinafter referred to as the "ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, re-issues, renewals, reexaminations and/or extensions thereof,

NOW THEREFORE in consideration of the sum of ten U.S. dollars (\$10.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the ASSIGNOR does hereby assign, sell, transfer and set over unto the ASSIGNEE the entire right, title and interest in and to said application and the invention(s) and improvement(s) therein disclosed, for the United States of America, and any Letters Patent which may issue therefor in the United States and all divisions, continuations, re-issues, renewals and/or extensions thereof, said ASSIGNEE to have and to hold the interests herein assigned to the full ends of the terms of said Letters Patent and any and all divisions, continuations, re-issues, renewals, reexaminations and/or extensions thereof, respectively, as fully and entirely as the same would have been held and enjoyed by the ASSIGNOR had this

PATENT

REEL: 010361 FRAME: 0076

assignment not been made.

And for the consideration aforesaid, ASSIGNOR agrees that ASSIGNOR will communicate to said ASSIGNEE or the representatives thereof any facts known to ASSIGNOR respecting the invention(s) and improvement(s) of the said United States application, and will, upon request, but without expense to ASSIGNOR, testify in any legal proceedings, sign all lawful papers, execute all continuation, divisional, reissue, reexamination, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

This assignment shall be binding upon the ASSIGNOR's heirs, executors, administrators, successors and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors, and/or assigns, as the case may be, of the ASSIGNEE.

The Commissioner of Patents is requested to issue such Letters Patent in accordance with this assignment.

I hereby authorize and request any attorney of record in said Application or any attorney of Larson & Taylor, Customer No. 000881, to insert above any information concerning the identity of the parties or of said Application (including the serial no. and filing date).

NAME

SIGNATURE

DATE

1) Joseph W.G. MALONE

Joseph W.G. Malone

October 20, 1999

NAME

SIGNATURE

DATE

2) Sandra J. DAVIES

NAME

SIGNATURE

DATE

3) Robert A. SIMMS

PATENT

REEL: 010361 FRAME: 0077

ASSIGNMENT OF PATENT APPLICATION

(US rights only - all US rights assigned by inventors to a single assignee)

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- (3) *Robert A. SIMMS*

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PATENT

REEL: 010361 FRAME: 0078

assignment not been made.

And for the consideration aforesaid, ASSIGNOR agrees that ASSIGNOR will communicate to said ASSIGNEE or the representatives thereof any facts known to ASSIGNOR respecting the invention(s) and improvement(s) of the said United States application, and will, upon request, but without expense to ASSIGNOR, testify in any legal proceedings, sign all lawful papers, execute all continuation, divisional, reissue, reexamination, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts, deemed necessary or expedient by said ASSIGNEE or by counsel for said ASSIGNEE, to assist or enable said ASSIGNEE to obtain and enforce full benefits from the rights and interests herein assigned.

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NAME

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DATE

1) Joseph W.G. MALONE

NAME

SIGNATURE

DATE

2) Sandra J. DAVIES



October 20, 1999

NAME

SIGNATURE

DATE

3) Robert A. SIMMS