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Form PTO-1595 1-31-92 12-04-	U.S. Department of Commerce
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Commissioner of Patents and Trademarks 10153	5282
Box Assignment, Washington, D.C. 20231	·
To the Honorable Commissioner of Patents and Trademarks: Pl	
1. Name of conveying party(ies): George M. Coupland	2. Name and address of receiving party(ies):
Joanna J. Putterill	Name: PLANT BIOSCIENCE LIMITED
Sarah G. Fowler	Internal Address:
	Street Address: Norwich Research Park
	Colney Lane
Additional name/s of conveying party/ies attached?	
3. Nature of conveyance:	City: Norwich
Assignment Merger	State/Country: Norfolk, United Kingdom
Security Assignment Change of Name	Zip: NR4 7UH
Other	
Execution Date: September 19, 2000, September 19, 2000 and September 27, 2000	Additional name/s & address/es attached? 🗌 Yes 🛛 No
4. Application number(s) or patent number(s):If this document is being filed together with a new application, the execu	tion date of the application is:
A. Patent Application No(s).	B. Patent No(s).
(1) 09/646,533	(1)
(2)	(2)
(3)	
Additional numbers	
5. Name and address of party to whom correspondence	6. Total number of applications & patents involved:1
concerning document should be mailed:	7. Total fee (37 CFR 3.41) \$ 40.00
Name: Mary J. Wilson	\boxtimes Enclosed
	Authorized to be charged to deposit account #14-1140
Internal Address:	
	8. The Commissioner is hereby authorized to charge any
Street Address: Nixon & Vanderhye P.C.	$\frac{\text{deficiency}}{\text{deficiency}}$ in the fee(s) filed, or asserted to be filed, or which
1100 North Glebe Road	should have been filed herewith (or with any paper thereafter
8th FloorCity: Arlington State: VA Zip: 22201	filed in this application by this firm) to our Account No. 14-1140.
City: Arlington State: VA Zip: 22201	14-1140.
DO NOT U	SE THIS SPACE
9. Statements and signature.	
	nation is true and correct and any attached copy is a true copy
	Ctober 10, 2000
Mary J. Wilson Signing S	Signature Date
Reg. No. 32,955	
	ginal cover sheet, attachments, and document: [4]

PATENT 465470 REEL: 011282 FRAME: 0125

3652-29

ASSIGNMENT OF PATENT APPLICATION

(Inventors)	George M. Coupland Joanne J. Putterill Sarah G. Fowler
(Assignee)	In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to PLANT BIOSCIENCE LIMITED
(Address)	(of Norwich Research Park, Colney Lane. Norwich, Nortolk NR4 7UH, United Kingdom) (hereinatter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its termories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as
(Title)	PLANT CONTROL GENES (Case No. 3652-29) for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even data, then has executed on or has already filed U.S. appln. Serial No. on The undersigned acknowledges an obligation of assignment of this invention to said assigned at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the international Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or cominuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert an this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE's attorneys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In witness whereot, executed by the undersigned on the date(s) opposite the undersigned

Date 11 September 2000	Signature of inventor	George M. Coupland
Date	Signature of invantor	Joanna J. Putterill
Date	Signature of inventor	Sarah G. Fowler
Date	Signature of Inventor	
Witnessed by:		Date
Witnessed by:		Date

#458490 v1 - 3652-29 ASSN CVA

PATENT REEL: 011282 FRAME: 0126

ASSIGNMENT OF PATENT APPLICATION

George M. Coupland Joanna J. Putterill Sarah G. Fowler
In consideration of the sum of one dollar (\$1.00) and other good and valuable considerations paid to each of the undersigned, the undersigned agree(s) to assign, and hereby does assign, transfer and set over to PLANT BIOSCIENCE LIMITED
(of Norwich Research Park, Colney Lane, Norwich, Nortolk NR4 7UH, United Kingdom)
(hereinaliter designated as the Assignee) the undersigned's entire right, title and interest for the United States, its territories, dependencies and possessions in the invention, and all applications for patent and any Letters Patent which may be granted therefore, known as
PLANT CONTROL GENES (Case No. 3652-29) for which the undersigned has (have) executed on even date herewith an application for patent in the United States of America or, if not on even date, then has executed on or has already filed U.S. appln. Serial No. on The undersigned acknowledges an obligation of assignment of this invention to said assignee at the time the invention was made.

The undersigned agree(s) to execute all papers and documents necessary in connection with the application or any interference which may be declared and any continuing or divisional applications thereof and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

The undersigned agree(s) to perform all affirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application or any division or divisions or continuing applications thereof to the said Assignee, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire interest herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the firm of NIKON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attomeys Nixon & Vanderhye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

In withess whereof, executed by the undersigned on the date(s) opposite the undersigned signature(s).

	Signature of inventor	(
Date 19/9/00	Signature of inventor	George M. Coupland
	Signature of Inventor	Joanna J. Putterill
Date	Signature of inventor	Sarah G. Fowler (
Wilnessed by:		Date
Witnessed by:	·	Date

#458490 v1 - 3652-29.ASSN CVR

PATENT REEL: 011282 FRAME: 0127

ASSIGNMENT OF PATENT APPLICATION

	George M. Coupland Jacobs J. Putterill
(Investors)	Juanni J. Maarii Sarah G. Feuler
	In consideration of the sum of one dollar (\$1.00) and other good and valuable
	consideralians paid to each of the undersigned, the undersigned agree(s) to easign.
	and hereby door assign, liensler and set over to
(Ausignes)	PLANT BIOSCHENCE UNITED
(Address)	(al Norwich Research Park, Colney Lane, Norwich, Nortolk NR4 7UH, United
	Kingdom)
	(herninalier designated as the Assignan) the Undersigned's entry right, title and
	interest for the United States, its controlles, dependencies and poseassions in the
	invention, and all applications for patient and any Letters Patient which may be granted
and the	therefore, known as
(Title)	PLANT CONTROL GENES (Case No. 3652-29)
	for which the undersigned has (have) executed on even date herewith an application
	for palent in the United States of America or, if not on even date, then has standard
	an or has skeedy filed U.S. appin. Serial No. on .
	The undersigned acknowledges an obligation of assignment of this invention to said
	assigned at the time the invention was made.
The un	dersigned agree(s) to execute all papers and documents receasely in connection with the

application or any interference which may be declared and any continuing or divisional applications . Inereof and also to associde separate assignments in connection with such applications as the Assignment may down necessary or expedient and further to perform any act which may be necessary in connection with claims or provisions of the international Convention for Protoction of Industrial Property or eimlier agreements.

The undersigned agree(s) to perform all effirmative acts which may be necessary to obtain a grant of a valid United States patent to the Assignee.

The undersigned hereby sulfioriza(s) and request(c) the Commissioner of Palents to issue any and all Latters Patent of the United States resulting from said application or any elvision or divisions of continuing applications thereof to the said Assignae, as Assignee of the entire interest, and hereby covenants that he has (they have) full right to convey the entire intenast herein assigned, and that he has (they have) not executed and will not execute, any agreement in conflict herewith,

The undereigned hereby grant(s) the firm of NIXON & VANDERHYE P.C. the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Petent Office for recordation of this document. It is understood and agreed that ASSIGNEE'S attameye Nixon & Vanderitye P.C. have represented only ASSIGNEE and will continue to represent only ASSIGNEE with respect to this invention.

in winess whereof, executed by the undersigned on the dete(s) opposite the undersigned signature(s). .

		giðvanna or tuvertet. (George M. Compland
Date		Signature of Inventor (
Dato 2	19100	Signature of Inventor (Janah Koreles
Date 27	Antoa	Signature al Inventor (Silrah G. Fowler
Wimensed by: Wimussed by:	higt (How Yat Certa	Date 9/27/00 Date 9/97/00.

4458490 v1 - 3652-28 ASSN CVR

PATENT REEL: 011282 FRAME: 0128

RECORDED: 10/10/2000