FORM PTO-1595 (Modified)

Docket No.: 0084.03

| | ORDATION FO | RM COVER SHEET | U.S. DEPARTMENT OF COMMERCE | |
|---------------------------------------------------------------------------------------------------|----------------------|----------------------------------------------------|-----------------------------------|--|
| LAGRACEANS | PATENTS ONLY | | Patent and Trademark Office | |
| Tab settings → → ▼ | ▼ | ▼▼ | ▼ ▼ | |
| To the Honorable Commissioner of Patents an | id Trademarks: | Please record the attached or | iginal documents or copy thereof. | |
| Name of conveying party(ies): | | 2. Name and address of rec | | |
| David J. Schneider Samuel W. Cartinhour | | Name: The United States | of America, as represented by | |
| Damata III Qua Malalout | | Address: the Secretary o | f Agriculture | |
| Additional names(s) of conveying party(ies) | Yes 🛛 No | | | |
| 3. Nature of conveyance: | | | | |
| ☑ Assignment | r | | | |
| ☐ Security Agreement ☐ Chang | e of Name | City: Washington | State/Prov.: D.C. | |
| Other | | Country: U.S. | ZIP: 20250 | |
| Execution Date: 05/21/03 | | Additional name(s) & address(es) | □ Yeş □ No | |
| 4. Application number(s) or registration numbers | (s)· | | | |
| If this document is being filed together with a r | • • | the evecution data of the ann | lingtine in | |
| | iew application, | the execution date of the app | | |
| Patent Application No. Filing date | | B. Patent No.(s) | , | |
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| 10/365,742 02/12/03 | | | | |
| | | | | |
| A-1 | ditional sumbara | ☐ Yes Ⅺ No | · | |
| 11-11-11 | ditional numbers | LI TES LAINO | u. | |
| Name and address of party to whom correspondenceming document should be mailed: | ndence | 6. Total number of applicatio | ns and patents involved: 1 | |
| Name: Janelle S. Graeter | | 7. Total fee (37 CFR 3.41): | \$ 40.00 | |
| Registration No. 35,024 | | ☐ Enclosed - Any excess or insufficiency should be | | |
| Address: USDA, ARS, OTT | | credited or debited to deposit account | | |
| 5601 Sunnyside Ave., Rm. 4-1159 | | Authorized to be charged | ged to deposit account | |
| | | 8. Deposit account number: | | |
| City: Beltsville State/Prov.: MD | | · | | |
| Country: <u>U.S.</u> ZIP: <u>20705</u> | | 50-2134 | | |
| | | | <u>-</u> | |
| | DO NOT U | SE THIS SPACE | | |
| Statement and signature. To the best of my knowledge and belief, the for | regning informat | ion is true and correct and an | y attached convicts true oney | |
| of the original document. | - Carring into made | . O A | y allaonau copy is a true copy | |
| Janelle S. Graeter | Vacelle | S. Grater | 5-21-03 | |
| Name of Person Signing | | Signature | Date | |
| | f pages including co | over sheet, attachments, and | 4 Table 1 | |

z· _.

ASSIGNMENT

| WHEREAS, I (We), David J. Schneider and Samuel W. Cartinhour |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| residing at5893 Grove Road, Trumansburg, NY 14886 and 100 Maple Grove Place, |
| Ithaca, NY 14850; respectively |
| having invented an improvement in <u>Pseudomonas AVR and Hop Protein, Their Encoding Nucleic</u> |
| Acids, and Use Thereof |
| for which I (we) have made application for Letters Patent of the United States, identified as Department of Agriculture Case No. <u>0084.03</u> (; and Serial No. 10/365,742 filed on 02/12/03). |
| WHEREAS, the WORLDWIDE patent rights in my (our) share of said invention are assignable to the United States by virtue of my (our) having made the invention while in the employ of the United States Department of Agriculture under applicable law and regulations of the United States Department of Agriculture which render the patent rights so assignable; and |
| WHEREAS, the United States, as represented by the Secretary of Agriculture, is desirous of acquiring an assignment of said patent rights; |
| NOW, THEREFORE, in consideration of these premises, I (we) hereby assign said WORLDWIDE patent rights to the United States of America, as represented by the Secretary of Agriculture. Samuel |
| Sm/ Cita 5/21/03 |

USDA Rev, 9/00

Samuel W. Cartinhour

PATENT REEL: 013673 FRAME: 0150

(date)

facsimile TRANSMITTAL

Name:

Assignment Division

Organization:

U.S. PTO

Fax:

(703) 306-5995

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(703) 308-9723

From:

Colleen Avancena

Date:

May 21, 2003

Subject:

Assignment for S.N. 10/365,742

Pages:

4, including cover sheet

Please record enclosed Assignment for the above-referenced application.

If you have any questions, please give me a call at the number below.

Thank you.

Colleen Avancena

From the desk of...
Colleen Avancena
Patent Assistant
USDA, ARS, OTT
5601 Sunnyside Ave., Rm. 4-1190
Beltsville, MD 20705-5131

Phone: (301) 504-5074 Fax: (301) 504-5060

PATENT REEL: 013673 FRAME: 0151 FORM PTO-1595 (Modified)

Docket No.: 0084,03

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| To the Honorable Commissioner of Patents and Trademarks | <u>-</u> | • |
| 1. Name of conveying party(ies): | 2. Name and address of rece | |
| David J. Schneider | Name: The United States | of America, as represented by |
| Samuel W. Cartinhour | Address: the Secretary of | Agriculture |
| Additional names(s) of conveying party(ies) | | |
| 3. Nature of conveyance: | | |
| ☑ Assignment ☐ Merger | | |
| ☐ Security Agreement ☐ Change of Name | City: Washington | State/Prov.: D.C. |
| Other | Country: <u>U.S.</u> | ZIP: 20250 |
| Execution Date: 05/21/03 | Additional name(s) & address(es) | ☐ Yes ☐ No |
| Application number(s) or registration numbers(s): If this document is being filed together with a new application Patent Application No. Filing date | n, the execution date of the appli | cation is: |
| 10/365,742 02/12/03 Additional numbers | □ Yes ⊠ No | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: | |
| Name: Janelle S. Graeter | 7. Total fee (37 CFR 3.41):\$ 40.00 □ Enclosed - Any excess or insufficiency should be credited or debited to deposit account | |
| Registration No. 35,024 | | |
| Address: USDA, ARS, OTT | | |
| 5601 Sunnyside Ave., Rm. 4-1159 | Authorized to be charged to deposit account | |
| City: Beltsville State/Prov.: MD Country: U.S. ZIP: 20705 | 8. Deposit account number: 50-2134 | |
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| 9. Statement and signature. To the best of my knowledge and belief, the foregoing inform of the original document. Janelle S. Graeter | nation is true and correct and any | 5-21-03 |
| Name of Person Signing Total number of pages including | Signature cover sheet, attachments, and | 4 Date |

RECORDED: 05/21/2003

REEL: 013673 FRAME: 0152