| | JAN 0 8 2003 E | -14-2003 | | | | |
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| | Form PTO-1595 (Rev. 03/01) | 2 338928 | DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office | | | |
| | To the Honorable Commissioner of Patents and Trademarks: | | | | | |
| | 1. Name of conveying party(ies): Albert BORONAT Narciso CAMPOS Ganesh M. KISHORE | Name and address of receiving party(ies) Name: _MONSANTO TECHNOLOGY LLC Internal Address: | | | | |
| | Additional name(s) of conveying party(ies) attached? Yes V No | | | | | |
| | 3. Nature of conveyance: Assignment Merger Security Agreement Change of Name Other | Street Address: 800 N. Lindbergh Boulevard | | | | |
| | | City: St. Louis | _State:_MO_Zip:_63167 | | | |
| | Execution Date: 12/2/02, 12/2/02, 11/26/02, respectively 4. Application number(s) or patent number(s): | Additional name(s) & address(es) attached? Yes 🔽 No | | | | |
| | A. Patent Application No.(s) 09/987,025 | B. Patent No.(s) | | | | |
| | Additional numbers attached? Yes No 5. Name and address of party to whom correspondence 6. Total number of applications and patents involved. 1 | | | | | |
| | concerning document should be mailed: Name: ARNOLD & PORTER | 6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)\$ Enclosed | | | | |
| | IP Docketing Department | | | | | |
| | Internal Address:Room 1126B | Authorized to be ch | arged to deposit account | | | |
| | Street Address: 555 Twelfth Street, N.W. | 8. Deposit account number: 50-2387 (referencing matter no. 16515.102) | | | | |
| 01/13/2003 | City: Washington State: DC Zig. 20004-1206 | | | | | |
| 01\FC:8021 | 40.00 CH DO NOT USE | THIS SPACE | | | | |
| | 9. Signature. Dawn M. Gardner (Reg. No. 44,118) Name of Person Signing Total number of pages including cove | Signature | January 8, 2002 Date | | | |
| , | Total number of pages including cover sheet, attachments, and documents: Mail documents to be recorded with required cover sheet information to: | | | | | |

Mail documents to be recorded with required cover sheet information to Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT

WHEREAS, I/we, the undersigned, have made certain invention or inventions which are disclosed in patent application(s) and/or provisional patent application(s) entitled:

NUCLEIC ACID SEQUENCES TO PROTEINS INVOLVED IN ISOPRENOID SYNTHESIS

identified as U.S. Application No. 09/987,025, filed November 13, 2001;

WHEREAS, MONSANTO TECHNOLOGY LLC, of St. Louis, Missouri, a Corporation of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I/we do hereby sell, assign and transfer to said MONSANTO TECHNOLOGY LLC, its successors and assigns, the entire right, title and interest in and to said invention or inventions, in any form or embodiment thereof, and in and to said application(s); and in and to any and all applications filed in any country based thereon, including the right to file applications in countries other than the country of priority filing under the provisions of any international convention; also in and to any and all improvements on said invention or inventions now or hereafter made by me/us as employee(s), agent(s) or contractor(s) of said MONSANTO TECHNOLOGY LLC; also the entire right, title and interest in and to any and all patents, including reissues and extensions thereof, to be obtained in any country upon said invention; inventions or improvements, and any and all continuing applications, including divisional, continuation and continuation-in-part applications, substitute applications, and applications claiming benefit of an earlier filed provisional application, which may be filed upon said invention, inventions or improvements in any country; and

I/We hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said MONSANTO TECHNOLOGY LLC, as assignee of the entire interest.

- 2 -

PATENT REEL: 013644 FRAME: 0331

| | A CONTRACT OF THE STATE OF THE | Date: |
|-----------------------|---|--|
| Name: | Albert BORONAT | |
| City and state or | r country of residence: | Barcelona, Spain |
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| | | |
| State of |)) s | s. |
| County of |) | |
| On this d | ay of, known | , 2002, before me personally appeared o me to be the person who executed the foregoing |
| instrument and acknow | wledged that he/she ex | secuted the same as his/her free act and deed; in and official seal on the day last above written. |
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| (seal) | | |
| () | Ī | Notary Public or Consular Officer |

signatures.

| Signature: , Ganesh on Les | Date: Nov 26, 2002 |
|---|---|
| Name: Ganesh M. KISHORI | 3 |
| City and state or country of residence | e: Creve Coeur, Missouri |
| | |
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| State of Missouri) City of St. Louis) | SS. |
| instrument and acknowledged that he/she | to me to be the person who executed the foregoing executed the same as his/her free act and deed; in and official seal on the day last above written. |
| (seal) | Melanic D Schael F Notary Public or Consular Officer |
| My Commission expires $\sqrt{5/10/04}$ | MELANIE D. SCHACHT Notary Public - Notary Seal STATE COMPSOURI THAT THE COMPSOURI THAT THE COMPSOURI THAT THE COMPSOURI THAT TO SERVE THE COMPSOURI THAT THE COMPSOURI THAT THE COMPSOURI THAT THE COMPSOURI THAT THE COMPS |

signatures.

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WHEREAS, MONSANTO TECHNOLOGY LLC, of St. Louis, Missouri, a Corporation of the State of Delaware, is desirous of acquiring the entire right, title and interest in and to said invention or inventions and any and all patents to be obtained therefor;

NOW, THEREFORE, FOR GOOD AND VALUABLE CONSIDERATION, the receipt of which is hereby acknowledged, I/we do hereby sell, assign and transfer to said MONSANTO TECHNOLOGY LLC, its successors and assigns, the entire right, title and interest in and to said invention or inventions, in any form or embodiment thereof, and in and to said application(s); and in and to any and all applications filed in any country based thereon, including the right to file applications in countries other than the country of priority filing under the provisions of any international convention; also in and to any and all improvements on said invention or inventions now or hereafter made by me/us as employee(s), agent(s) or contractor(s) of said MONSANTO TECHNOLOGY LLC; also the entire right, title and interest in and to any and all patents, including reissues and extensions thereof, to be obtained in any country upon said invention; inventions or improvements, and any and all continuing applications, including divisional, continuation and continuation-in-part applications, substitute applications, and applications claiming benefit of an earlier filed provisional application, which may be filed upon said invention, inventions or improvements in any country; and

I/We hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said MONSANTO TECHNOLOGY LLC, as assignee of the entire interest.

PATENT REEL: 013644 FRAME: 0334

DOUBLE SIDED PAGES WERE ENCLOSED IN THIS DOCUMENT

REEL: 013644 FRAME: 0335

| Signature: | Date: December 2, 2002 |
|---|--|
| Name: Albert BORONAT | |
| City and state or country of reside | nce: Barcelona, Spain |
| | |
| State of | SS. |
| | , 2002, before me personally appeared wn to me to be the person who executed the foregoing ne executed the same as his/her free act and deed; in |
| instrument and acknowledged that he/sh testimony whereof I have hereto set my h | ne executed the same as his/her free act and deed; in and and official seal on the day last above written. |
| | |
| (seal) | Notary Public or Consular Officer |
| My Commission expires / | |

signatures.

TESTIMONIO realizado de conformidad a lo revisto en el artículo 207. 2º del Reglamento Notarial:

Yo, RAFAEL MARTINEZ DIE, Notario de olins de Rei, del Ilustre Colegio de Cataluña, HAGO ONSTAR:

Que la firma y rúbrica estampada en el anverso el presente documento no notarial, para surtir efectos plamente fuera de España, extendido en este único plio de papel común, es la de DON ALBERTO ORONAT MARGOSA, con D.N. de I./N.I.F. imero38.720.861-Q, por haberla puesto a mi resencia.

Así resulta del Acta número 2.103 de mi Protocolo eneral corriente de instrumentos públicos autorizada or mí, en fecha de hoy, en la que además se consignan os siguientes particulares:

Que ha sido identificado el interesado por su ocumento nacional de identidad y al que he juzgado on capacidad legal bastante.

En Molins de Rei, a dos de diciembre de dos mil



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|-----------------------------|-----------------------------------|----------|-------------------|--------------------|------------|-------------|----------|
| Signature: | v | | Date: 🖊 | 02. | 12. | 700Z | _ |
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| City and state | of country of resident | ce | Darceioi | ia, Spain | | | |
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| State of <u>/</u> County of |) | 65. | | | | | |
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| On this | day of, know owledged that he/she | n to me | , 2002, to be the | before person v | me pe | rsonally a | appeared |
| instrument and ackn | owledged that he/she | execute | d the sar | ne as his | s/her fre | e act and | deed; in |
| testimony whereof I | have hereto set my har | nd and o | fficial sea | l on the o | lay last a | above writt | en. |
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| (seal) | | <u>/</u> | Public o | | | | |
| | | Notary | Public o | r Consul | ar Office | er | |
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| My Commission over | iros (| | | | | | |
| wry Commission exp | oires / | | | | | | |

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