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FORM COVER SHEET Patents Only



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To the Honorable Cor
Please record the attac.

Attorney Dkt. No.: 5718-60 (35718/185494)

1. Name of conveying party(ies):

Sheila E. Maddock

3.4.02

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):

Pioneer Hi-Bred International, Inc.
800 Capital Square
400 Locust Street
Des Moines, IA 50309

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:

 Assignment
 Merger
 Security Agreement
 Change of Name
 Other _____
Execution Date: February 1, 2002

4. Application No. 09/405,779; filed September 27, 1999 Patent No. ____

If this document is being filed together with a new application, the execution date of the application is: ____

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

ALSTON & BIRD LLP
Bank of America Plaza
101 South Tryon Street, Suite 4000
Charlotte, NC 28280-4000

*(03/21/2002 DBYRNE 00000010 09405779
01 NC:581 40.00 DP)*

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 3.41) \$40.00
 Enclosed
 Authorized to be charged to deposit account

8. Deposit account number: 16-0605

DO NOT USE THIS SPACE

9. 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.*

W. Murray Spruill
Name of Person Signing: W. Murray Spruill
Reg. No. 32,943

2/22/02
Date

Total number of pages including cover sheet, attachments, and document: 5

ASSIGNMENT

THIS ASSIGNMENT, made by me, Sheila E. Maddock, citizen of United States of America, residing at 5630 Linden Circle, Johnston, IA 50131, USA.

WITNESSETH: That,

WHEREAS, I am the inventor of certain new and useful improvements in MAR/SAR ELEMENTS FLANKING RSYN7-DRIVEN CONSTRUCT for which a Utility Application has been filed in the United States Patent and Trademark Office on September 27, 1999 and assigned Application No. 09/405,779. This Utility Application claims priority of U.S. Provisional Application No. 60/102,288, filed September 29, 1998. Both U.S. applications mentioned above will hereinafter be referred to as the subject applications.

WHEREAS, PIONEER HI-BRED INTERNATIONAL, INC, an Iowa corporation having a principal place of business at 800 Capital Square, 400 Locust Street, Des Moines, Iowa, 50309 USA, hereinafter referred to as assignee, is desirous of confirming its ownership of the entire right, title and interest in and to said invention as described in the subject applications, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and the subject applications, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or extensions thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of the subject applications in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

I hereby request that said Letters Patent be issued in accordance with this assignment.

I further covenant and agree that, at the time of the execution and delivery of these presents, I possess full title to the invention and the subject applications above-mentioned, and that I have the unencumbered right and authority to make this assignment.

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I further covenant and agree to bind our heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

1st February 2002
Date

Sheila Maddock
Sheila E. Maddock

STATE OF Iowa)
COUNTY OF POLK)

I, Ginny Boesen, a Notary Public for said County and State, do hereby certify that Sheila E. Maddock personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 1st day of February, 2002.

(Official Seal)

Ginny Boesen
Notary Public



My commission expires: _____

Attorney Docket No. 035718/185494 (5718-60)