| Tat settin  1. Jame Christoph Darid A.  Additional No 3. Natur | al name of conveying party(ies) at<br>re of conveyance:   | Patents and 1  | 2. Name and address of receiving party(ies) Name: University Of Missouri Board Of Curators Internal Address: 316 University Hall |
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| 1. Jame<br>Christoph<br>Darid A.<br>Adelitiona<br>No           | to the Honorable Commissioner of Fig. 40Eb<br>e of conveying party(ies):<br>her M. Fender<br>Sleper<br>al name of conveying party(ies) at<br>the of conveyance: | 19H4-7-03  | Name and address of receiving party(ies)  Name: University Of Missouri Board Of Curators   |
| 1. James Christoph Darid A. Adelitional No.                    | e of conveying party(ies): ner M. Fender Sleper al name of conveying party(ies) at the of conveyance:   | 19H4-7-03  | Name and address of receiving party(ies)  Name: University Of Missouri Board Of Curators   |
| Chi stoph Dai id A.  Additional No.  3. Natur                  | e of conveying party(ies): ner M. Fender Sleper al name of conveying party(ies) at re of conveyance:  | 4-1-0)   | Name: University Of Missouri Board Of Curators   |
| Additional No.  3. Natur                                       | al name of conveying party(ies) at re of conveyance:  | tached? □ Yes ⊠  |  |
| No<br>3. √atur   | re of conveyance:   | tached? ☐ Yes  | Internal Address: 316 University Hall  |
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| <b>⊠</b> ,   |   |  | _  |
| _<br>_<br>_  | Assignment  |  | Street Address: 316 University Hall  |
| _  | Assignment $\square$  | Merger   |  |
|  | Security Agreement  | Change of Name   | City: Columbia State: MO Zip: 65211  |
| '  | Other   |  | Additional Name(s) & address(es) attached? ☐ Yes ☒ N   |
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| ٦. Pa  | atent Application No.(s)  | ы мин а нем аррисайс   | on, the execution date of the application is:<br>B. Patent No.(s)  |
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|  | Name and address of party to whom correspondence concerning this document should be mailed:   |  | Total number of applications and patents involved: 1   |
| N≘ ne <u>:</u> _   | Janelle D. Strode   |  | 7. Total fee (37 CFR 3.41) \$ 40   |
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|  | Total num   | ber of pages including   | cover sheet, attachments, and documents: 5   |
|  |   |  | d with required cover sheet information to:  |

PATENT REEL: 013940 FRAME: 0984

## **ASSIGNMENT**

WHEREAS, We, Christopher M. Fender; a citizen of the United States of America; a resident of the City of Columbia; State of Missouri; and David A. Sleper; a citizen of the United States of Americas; a resident of the City of Columbia; State of Missouri, have invented a new and useful improvement in

USE OF INFRARED SPECTROSCOPY IN GENOTYPIC ANALYSIS for which we have made application for Letters Patent of the United States, Serial No. 10/079,468, filed February 19, 2002; and

WHEREAS, the University of Missouri Board of Curators, a State University duly organized under the laws of the State of Missouri and having its principal place of business at 316 University Hall, Columbia, Missouri 65211, is desirous of acquiring an interest in, to and under said invention, said application, and any and all Letters Patent which may be granted for or upon said invention in the United States of America and all countries foreign thereto.

NOW THEREFORE, to all whom it may concern, be it known that for good and valuable consideration, the receipt of which is hereby acknowledged, we, Christopher M. Fender and David A. Sleper, have sold, assigned and transferred, and by these presents do sell, assign and transfer, unto the said University of Missouri Board of Curators, the full and exclusive right, title and interest, throughout the world, in, to and under the following:

- (a) said invention as fully set forth and described in the specification prepared, and executed by us preparatory to obtaining Letters Patent of the United States therefor:
  - (b) said application;
- any and all refilings, divisions, continuations and continuations-in-part of (c) said application;
- any and all Letters Patent of the Untied States of America which may (d) issue from said application, refilings, divisions, continuations and continuations-in-part;

REEL: 013940 FRAME: 0985

- (e) any and all reissues and reexaminations of said Letters Patent of the United States of America;
- (f) any and all applications for Letters Patent upon said invention which may hereafter be filed in any and all countries foreign to the United States of America;
- (g) any and all refilings, divisions and continuations of said foreign-filed applications;
- (h) any and all Letters Patent of countries foreign to the United States of America which may issue from the said foreign-filed applications, refilings, divisions and continuations; and
- (i) any and all extensions of, and additions to, said Letters Patent of countries foreign to the United States of America.

All of the above shall be held and enjoyed by said University of Missouri Board of Curators for its own use and benefit, and for its successors, legal representatives and assigns, to the full end of the term for which said Letters Patent may be granted, and we do hereby authorize and request the Commissioner of Patents and Trademarks to issue the said Letters Patent in accordance with this Assignment.

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Notary Public

My commission expires: (SEAL)

MARLA L. BARRETT
Notary Public - Notary Seal
STATE OF MISSOURI
Boone County
My Commission Expires: Jan 22, 2006

| Signed this day ofAph   | , 2003.  |
|---|--|
|   | David A. Sleper  |
|   | 2012 S. Deerborn Circle  |
|   | Columbia, Missouri 65211<br>United States of America                                 |
| STATE OF :  | aa   |
| COUNTY OF :   | SS:  |
| On this 2rd day of April David A. Sleper to me known to be the perso instrument as his free act and deed. | , 2003, before me personally appeared on described in and who executed the foregoing |
| In witness whereof, I have hereunto s year last above written.  | et my hand and affixed my notarial seal the day and                                  |
|   | Maria L Barrett<br>Notary Public   |
|   | Notary Public  |

My commission expires: (SEAL)

MARLA L. BARRETT
Notary Public - Notary Seal
STATE OF MISSOURI
Boone County
My Commission Expires: Jan 22, 2006

CC 1143083v1

**PATENT RECORDED: 04/07/2003 REEL: 013940 FRAME: 0988**