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RECORD



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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

Vivien Gore ALLEN
Kevin R. POND

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

2. Name and address of receiving party(ies)

Name: TEXAS TECH UNIVERSITY

Internal Address: _____

Street Address: Box 42007City: Lubbock State: TX ZIP: 79409

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

3. Nature of conveyance:

- (X) Assignment () Merger
 () Security Agreement () Change of Name
 () Other _____

Execution Date: February 14, 2000

4. Application number(s) or patent Number(s):

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

A. Patent Application No.(s)

09/494,349

B. Patent No.(s)

Additional numbers attached? () Yes (X) No

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

Name: Eric S. Spector
 Internal Address: JONES, TULLAR & COOPER, P.C.
 Street Address: P.O. Box 2266 Eads Station
 City: Arlington State: VA ZIP: 22202

6. Total number of applications and patents involved :

1

7. Total fee (37 CFR 3.41).....\$ 40.00 E

- () Enclosed
 (X) Authorized to be charged to deposit account

8. Deposit account number: 10-1213

(Attache duplicate copy of this page if paying by deposit account)

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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.

Eric S. Spector

Name of Person Signing

Signature

02/16/2000

Date

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

3

Mail documents to be recorded with required cover sheet information to:
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PATENT
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ASSIGNMENT

In consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, **VIVIEN GORE ALLEN** and **KEVIN R. POND** hereby sell, assign and transfer to **TEXAS TECH UNIVERSITY**, a corporation of Texas, having a place of business at Box 42007, Lubbock, Texas 79409-2007, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent Application No. 09/494,349, filed on January 31, 2000, **REDUCING E. COLI CONTENT OF BEEF** and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date Feb 14, 2000

Vivien Gore Allen (L.S.)
VIVIEN GORE ALLEN

Date 2-14-00

Kevin R. Pond (L.S.)
KEVIN R. POND