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1. Name of conveying party(ies):
William P. Donovan, Judith C. Donovan, Annette C. Slaney
Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies):
Name: **ECOGEN, Inc.**
Internal Address:
Street Address: **2005 Cabot Blvd, West**
City: **Langhorne** State: **PA** Zip: **19047-3023**
Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other
Execution Date: **November 5, 1996**

4. Application number(s) or registration 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):
08/718,905
B. Patent No.(s):
Additional numbers attached? Yes No

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5. Name and address of party to whom correspondence concerning document should be mailed:
Name: **BARBARA S. KITCHELL**
Arnold, White & Durkee
P.O. Box 4433
City: **Houston** State: **Texas** Zip: **77210**

6. Total number of applications and patents involved: **1**
7. Total fee (37 C.F.R. 3.41) ----- \$ **40.00**
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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.
BARBARA S. KITCHELL *Barbara S. Kitchell* 7/6/98
Name of Person Signing, Reg. No. 33,928 Signature Date

Total number of pages including cover sheet, attachments and documents: **4**

Mail documents to be recorded with required cover sheet information to:
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38-21(13586)A

PATENT

ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency and adequacy of which are hereby acknowledged, the undersigned, do hereby:

SELL, ASSIGN AND TRANSFER to Ecogen, Inc. (the "Assignee") a corporation of the State of Pennsylvania, having a place of business at 2005 Cabot Boulevard West, Langhorne, Pennsylvania, 19047-3023, 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, Serial No. 08/718,905 which has been filed on **September 24, 1996** and is entitled "**BACILLUS THURINGIENSIS CryET33 AND CryET34 COMPOSITIONS AND USES THEREOF**," such application and all divisional, continuing, substitute, renewal, reissue and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned;

COVENANT, when requested and at the expense of the Assignee, 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 such improvements; execute all rightful oaths, declarations, assignments, powers of attorney and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining and enforcing proper patent protection for such improvements;

