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Form PTO-1595

(Rev. 10/02)

REC

U.S. DEPARTMENT OF COMMERCE
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OMB No. 0651-0027 (exp. 6/30/2005)

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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):

Caterpillar Inc.

6-24-03

2. Name and address of receiving party(ies)

Name: North Carolina Agricultural and Technical State University

Internal Address: _____

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

3. Nature of conveyance:



Assignment



Merger



Security Agreement



Change of Name



Other _____

Street Address: 1601 East Market Street

City: Greensboro State: NC Zip: 27411

Execution Date: 6/18/2003

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

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) _____

B. Patent No.(s) See attached sheet

"Continuation of Item 4B"

Additional numbers attached? ☒ Yes ☐ No

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

Name: Dr. Earnestine Psalmonds

Internal Address: North Carolina Agricultural

and Technical State University

Street Address: 1601 East Market Street

City: Greensboro State: NC Zip: 27411

6. Total number of applications and patents involved: 8

7. Total fee (37 CFR 3.41).....\$ 320.00



Enclosed



Authorized to be charged to deposit account

8. Deposit account number:

03-1129

DO NOT USE THIS SPACE

9. Signature.

William B. Heming

Name of Person Signing

Signature

18 June 2003

Date

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

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Mail documents to be recorded with required cover sheet information to:
Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231PATENT
REEL: 014196 FRAME: 0493

Continuation of Item 4B

United States

<u>Patent No.</u>	<u>Title</u>	<u>Issue Date</u>
5,960,570	Apparatus and Method for Removing Silt From Under a Body of Water	10/05/99
5,907,915	Ejector Mechanism for a Silt Removal Excavating Wheel	06/01/99
5,903,989	Overload Protector mechanism for Shield Mechanism of Excavating Wheel	05/18/99
6,289,613	Excavator Mechanism for an Excavating Wheel Used in a Dredging Operation and Associated Method	09/18/01
6,357,149	Method and Apparatus for Determining the Depth of Acceptable Sediment Removal From a Body of Water	03/19/02
6,357,150	Spade Wheel Apparatus for Dredging Equipment and Associated Method	03/19/02
6,467,200	Shoe Mechanism for an Excavating Wheel and Associated Method	10/22/02
6,518,913	Apparatus and Method for Locating Objects Under a Body of Water	02/11/03

ASSIGNMENT OF PATENTS

WHEREAS, CATERPILLAR INC., a corporation duly organized under the laws of the state of Delaware, U.S.A., having an office at 100 N. E. Adams Street, Peoria, Illinois, 61629-6490, hereinafter referred to as "ASSIGNOR", is by assignments, the sole owner of the entire right, title and interest in the United States Letters Patent identified below and the inventive subject matters therein contained, hereinafter collectively referred to as "PATENT RIGHTS", of the Patents listed on the attached Schedule A.

WHEREAS, NORTH CAROLINA AGRICULTURAL AND TECHNICAL STATE UNIVERSITY, a not-for-profit educational institution organized under the laws of the State of North Carolina, whose mailing address is: 1601 East Market Street, Greensboro, North Carolina 27411, hereinafter referred to as "ASSIGNEE", is desirous of acquiring the entire right, title and interest in, to and under said PATENT RIGHTS.

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid by said ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, said ASSIGNOR does hereby assign, sell, transfer and convey to ASSIGNEE, its entire right, title and interest in and to said PATENT RIGHTS as set forth above and as defined hereinabove, to be held and enjoyed by the ASSIGNEE, its successors, and assigns, as fully and entirely as the same would have been held and enjoyed by ASSIGNOR had this Assignment and sale not been made; together with all claims for profits and damages by reason of past infringement of said PATENT RIGHTS by any party or parties, with the right to sue for and collect the same for its own use and behalf and for the use and behalf of its successors, assigns or other legal representatives.

IN WITNESS WHEREOF, ASSIGNOR has caused this Assignment to be signed by its duly authorized officer, executed this 18th day of June, 2003 at Peoria, Illinois.

CATERPILLAR INC., (ASSIGNOR)

By: Laurie J. Huxtable
Laurie J. Huxtable
Assistant Secretary

State of Illinois)
) SS:
County of Peoria)

Before me personally appeared said Laurie J. Huxtable and acknowledged the foregoing instrument to be her free and voluntary act and deed this 18th day of June 2003.

Seal



Janet E Mangold
Notary Public

Schedule A

United StatesPatent No.TitleIssue Date

5,960,570	Apparatus and Method for Removing Silt From Under a Body of Water	10/05/99
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