

12-06-1999



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To the Honorable Commissioner of Patent

Transmit the attached original documents or copy thereof.

1. Name of conveying party(ies):

Alfred M. Handler

Additional names(s) of conveying party(ies)

Yes No

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

Name: The United States of America, as represented by

Address: the Secretary of Agriculture

3. Nature of conveyance:

Assignment

Merger

Security Agreement

Change of Name

Other

City: Washington State/Prov.: D.C.

Country: USA ZIP: 20250

Execution Date: 11/9/99

Additional name(s) & address(es)

Yes No

4. Application number(s) or registration numbers(s):

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

Patent Application No.

Filing date

B. Patent No.(s)

09/377,066

8/19/99

Additional numbers

Yes No

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

Name: Gail E. Poulos

Registration No. 36,327

Address: USDA,ARS,OTT

5601 Sunnyside Ave., Rm. 4-1186

City: Beltsville

State/Prov.: MD

Country: USA

ZIP: 20705

6. Total number of applications and patents involved: 1

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

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

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8. Deposit account number:

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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.

Gail E. Poulos

Name of Person Signing

Signature

11/10/99

Date

Total number of pages including cover sheet, attachments, and

2

PATENT

A S S I G N M E N T

WHEREAS, I (we), Alfred M. Handler

Residing at 6825 Northwest 52nd Terrace, Gainesville, FL 32653

having jointly invented an improvement in PiggyBac Transformation System

for which I (we) have made application for Letters Patent of the United States, and further identified as Serial Number 09/377,066 filed on August 19, 1999, Department of Agriculture Docket No. 0194.98 and

WHEREAS, the United States patent rights in said invention are assignable to the United States by virtue of my (our) having made the invention while in the employ of the United States Department of Agriculture under applicable law and regulations of the United States Department of Agriculture which render the patent rights so assignable; and

WHEREAS, the United States, as represented by the Secretary of Agriculture, is desirous of acquiring an assignment of said patent rights;

NOW, THEREFORE, in consideration of these premises, I (we) hereby assign said patent rights to the United States of America, as represented by the Secretary of Agriculture;

I (we) further grant to the Government of the United States a nonexclusive, irrevocable, royalty-free license in any patent which may issue on said invention in any foreign country, including the power to issue sublicenses for use in behalf of the Government and/or in furtherance of the foreign policies of the Government.

Still further, I (we) shall not employ such foreign patents to bar the sale or use, in any foreign country, of materials which are manufactured or otherwise produced essentially in the United States. Rather, I (we) shall grant patent licenses therein, at reasonable terms, to permit such sale or use; Provided, that I (we) shall not be compelled to grant such licenses in any foreign country where said materials are staple articles or commodities of commerce suitable for substantial use other than in infringement of such patents.



Alfred M. Handler

11/12/99

(Date)

It is requested that the Commissioner of Patents and Trademarks record this agreement and return the recorded assignment to:

Gail E. Poulos
Registration Number 36,327
USDA-ARS-OTT
5601 Sunnyside Avenue, Rm. 4-1159
Beltsville, Maryland 20705-5131
301-504-6558 or 301-504-5302