

8/10/09

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OMB No. 0651-0027 (exp. 03/31/2009)

U.S. DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office

08-11-2009



EET

To the Director of the U.S. Patent

103570399

1 document or the new address(es) below.

**1. Name of conveying party(ies)**  
 James P. Yates  
 Charles A. Arnold  
 Jeffrey A. Gwirtz  
 Melva Hahn  
 Carl Hoseney

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

**2. Name and address of receiving party(ies)**  
 Name: Pulsewave LLC  
 Internal Address: \_\_\_\_\_  
 Street Address: 7220 South Fraser Street  
 City: Centennial  
 State: Colorado  
 Country: USA Zip: 80112

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

**3. Nature of conveyance/Execution Date(s):**  
 Execution Date(s) 4/20/06 5/5/06 5/15/06 7/24/09 7/28/09

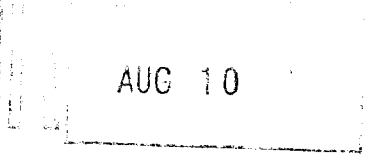
Assignment  Merger  
 Security Agreement  Change of Name  
 Joint Research Agreement  
 Government Interest Assignment  
 Executive Order 9424, Confirmatory License  
 Other \_\_\_\_\_

**4. Application or patent number(s):**  This document is being filed together with a new application.

A. Patent Application No.(s)  
 Provisional SN 60/680,346 now SN 11/920,105 (PCT/US06/18041)

B. Patent No.(s)

Additional numbers attached?  Yes  No



**5. Name and address to whom correspondence concerning document should be mailed:**  
 Name: Kenneth E. Damell  
 Internal Address: \_\_\_\_\_  
 Street Address: 2010 West 7th Street  
 City: Coffeyville  
 State: Kansas Zip: 67337  
 Phone Number: 620 251 1947  
 Fax Number: 620 251 1947  
 Email Address: kendamell@cox.net

**6. Total number of applications and patents involved:** one

**7. Total fee (37 CFR 1.21(h) & 3.41)** \$ 40.00

Authorized to be charged to deposit account  
 Enclosed  
 None required (government interest not affecting title)

**8. Payment Information**

Deposit Account Number 08/10/2009 KJAMA1 00000075 60658346  
 Authorized User Name \_\_\_\_\_ 40.00 00

**9. Signature:** Kenneth E. Damell Signature Date August 4, 2009  
 Kenneth E. Damell  
 Name of Person Signing

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

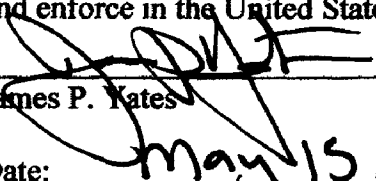
Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:  
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

**ASSIGNMENT**

Whereas, We James P. Yates, 6020 Chickory Knoll, Charleston, Illinois 61920 USA; William E. Hahn (Deceased), 7021 S. Valdai Street, Aurora, Colorado 80116 USA; Charles A. Arnold, 2454 S. Ellis Street, Lakewood, Colorado 80228 USA; Jeffrey A. Gwartz, 1600 Beechwood Terrace, Manhattan, Kansas 66502 USA; and Carl Hoseney, 8831 Quail Lane, Manhattan, Kansas 66502 USA, have invented a certain improvement in Processing of Grains and the Like, a Provisional Patent Application for which was filed May 11, 2005, Serial No. 60/680,346, and;

Whereas, Pulsewave LLC of 7220 South Fraser Street, Centennial, Colorado 80112 USA, a limited liability company of the State of Colorado (hereinafter referred to as Assignee) is desirous of acquiring the entire right, title and interest to said invention or improvement;

Now, Therefore, in consideration of \$1, receipt of which is hereby acknowledged, and other good and valuable consideration, We, by these presents, do sell, assign and transfer unto said Assignee the full and exclusive right in and to the said invention, including all foreign rights, as described in said above application, together with any Letters Patent which may be granted therefore, and any divisions, reissues, continuations or extensions thereof, and authorize and request the Commissioner of Patents to issue any Letters Patent resulting therefrom to said Assignee, and covenant that We have full right to do so, and agree that We shall communicate to said Assignee or its representatives any facts known to us respecting said improvement and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation and reissue applications in connection therewith, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee, its successors; assigns or nominees to obtain and enforce in the United States proper protection for said improvement.

  
\_\_\_\_\_  
James P. Yates  
Date: May 15 2006

\_\_\_\_\_  
Melva Hahn, Wife of Deceased  
Inventor William E. Hahn  
Date: \_\_\_\_\_

\_\_\_\_\_  
Charles A. Arnold  
Date: \_\_\_\_\_

\_\_\_\_\_  
Carl Hoseney  
Date: \_\_\_\_\_

\_\_\_\_\_  
Jeffrey A. Gwartz  
Date: \_\_\_\_\_

**ASSIGNMENT**

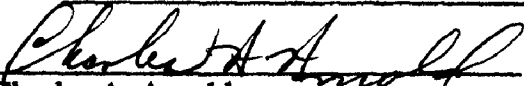
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\_\_\_\_\_  
James P. Yates

Date: \_\_\_\_\_

  
\_\_\_\_\_  
Charles A. Arnold

Date: 7/24/09

\_\_\_\_\_  
Jeffrey A. Gwartz

Date: \_\_\_\_\_

\_\_\_\_\_  
Melva Hahn, Wife of Deceased  
Inventor William E. Hahn

Date: \_\_\_\_\_

\_\_\_\_\_  
Carl Hosene y

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Date: \_\_\_\_\_

\_\_\_\_\_  
Melva Hahn, Wife of Deceased  
Inventor William E. Hahn  
Date: \_\_\_\_\_

\_\_\_\_\_  
Charles A. Arnold  
Date: \_\_\_\_\_

\_\_\_\_\_  
Carl Hosenev  
Date: \_\_\_\_\_

*Jeffrey A. Gwartz*  
\_\_\_\_\_  
Jeffrey A. Gwartz  
Date: 7/28/09

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James P. Yates

Date: \_\_\_\_\_

\_\_\_\_\_  
Charles A. Arnold

Date: \_\_\_\_\_

\_\_\_\_\_  
Jeffrey A. Gwartz

Date: \_\_\_\_\_

*Melva Hahn*  
\_\_\_\_\_  
Melva Hahn, Wife of Deceased  
Inventor William E. Hahn  
Date: *May 5, 2006*

\_\_\_\_\_  
Carl Hosenev

Date: \_\_\_\_\_

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Jeffrey A. Gwartz

Date: \_\_\_\_\_

\_\_\_\_\_  
Melva Hahn, Wife of Deceased  
Inventor William E. Hahn

Date: \_\_\_\_\_

*R Carl Hosenev*  
\_\_\_\_\_  
Carl Hosenev

Date: 4/29/06