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07-23-2003

Form PTO-1595  
(Rev. 10/02)

RECORDAT

DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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):

James E. Bratina  
Fred M. Fehsenfeld, Sr.

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

Name: Heritage Environmental Services, LLC

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: 7901 West Morris Street

City: Indianapolis State: IN Zip: 46231

Execution Date: 06/30/2003

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) 10/407,885

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached? ☐ Yes ☒ No

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

Name: Thomas A. Ladd

Internal Address: \_\_\_\_\_

Street Address: Baker &amp; Daniels

300 North Meridian Street, Suite 2700

City: Indianapolis State: IN Zip: 46204

## 6. Total number of applications and patents involved: 1

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

☒ Enclosed☒ Authorized to be charged to deposit account

## 8. Deposit account number:

Additional fees may be charged to Deposit Account No. 02-0200

FINANCE SECTION

JUL 21 2003 8:28

DO NOT USE THIS SPACE

## 9. Signature.

Kevin R. Erdman, Reg. No. 33,687  
Name of Person Signing

Signature

July 16, 2003

Date

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

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231PATENT  
REEL: 014291 FRAME: 0672

## **ASSIGNMENT**

WHEREAS, I/We, James E. Bratina and Fred M. Fehsenfeld, Sr. respectively, have invented certain improvements in:

### **DUAL USE OF AN INDUCTION FURNACE TO PRODUCE HOT METAL OR PIG IRON WHILE PROCESSING IRON AND VOLATILE METAL CONTAINING MATERIALS**

as described and claimed in an application for Letters Patent of The United States of America thereon, said application having been filed on April 4, 2003 and assigned U.S. Application Serial No. 10/407,885; and

WHEREAS, Heritage Environmental Services, LLC, a limited liability company organized and existing under the laws of the State of Indiana, having its principal place of business at 7901 West Morris Street, Indianapolis, Indiana 46231, is desirous of acquiring the entire right, title and interest in and to said invention and said application for Letters Patent;

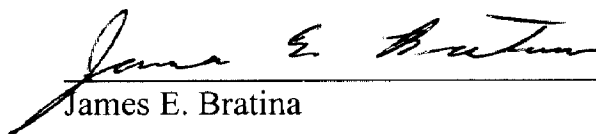
NOW, THEREFORE, in consideration of the sum of ONE DOLLAR (\$1.00) to me/us in hand paid, and for other good and valuable consideration, the receipt and sufficiency whereof is hereby acknowledged, I/we, do hereby assign, sell, transfer and set over unto said Heritage Environmental Services, LLC, its successors and assigns, the full, entire and exclusive right, title and interest, for the territory of the United States of America and for all foreign countries, in and to said invention, as described in the application identified above, and in and to said application and any divisions or continuations or continuations-in-part thereof or substitutes therefor which may be filed, and in and to any patents or reissues, renewals or extensions thereof which may be granted on said application or for said invention, and in and to any patent application which may be filed on said invention in countries foreign to the United States of America and any patents granted thereon; said invention, applications, and patents to be held and enjoyed by said Heritage Environmental Services, LLC, and its successors or assigns, to the full end of the term or terms for which said patents may be granted, as fully and entirely as the same would have been held by me/us had this assignment not been made.

I/We hereby authorize and request the Patent and Trademark Office officials in the United States of America and the Patent Office officials of any and all foreign countries to issue

any and all of said patents, when granted to said Heritage Environmental Services, LLC, as the assignee of our entire right, title and interest in and to the same for the sole use and enjoyment of said Heritage Environmental Services, LLC, its successors and assigns.

Further, I/we agree to execute all papers and to give such lawful testimony and to perform such other lawful acts as said Heritage Environmental Services, LLC, its successors and assigns may require to enable it or them to procure a Letters Patent on said invention or reissues or extensions thereof in the United States of America and/or in any foreign country, and/or to hold, enforce or convey said Letters Patent, reissues or extensions.

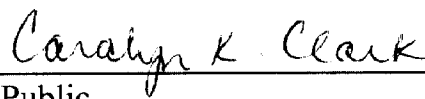
Executed this 30 day of June, 2003.

  
James E. Bratina

STATE OF INDIANA       )  
  ) SS:  
COUNTY OF Marion )

Before me, the undersigned, a Notary Public in and for said County and State, this day personally appeared the above-named inventor, to me well known, who acknowledged the execution of the foregoing instrument as his/her free act and deed.

**CARALYN K. CLARK**  
Notary Public, State of Indiana  
Marion County  
My Comm. Exp. Nov. 7, 2009

  
Notary Public

CARALYN K CLARK  
Printed Name

My Commission Expires: Nov. 7, 2009

County of Residence: Marion

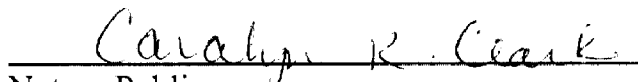
Executed this 30<sup>th</sup> day of JUNE, 2003.

  
Fred M. Fehsenfeld, Sr.

STATE OF INDIANA       )  
  ) SS:  
COUNTY OF Marion )

Before me, the undersigned, a Notary Public in and for said County and State, this day personally appeared the above-named inventor, to me well known, who acknowledged the execution of the foregoing instrument as his/her free act and deed.

**CARALYN K. CLARK**  
Notary Public, State of Indiana  
Marion County  
My Commission Exp. Nov. 7, 2009

  
Notary Public

CARALYN K CLARK  
Printed Name

My Commission Expires: Nov. 7, 2009

County of Residence: Marion