

10-01-2007



EET

To the Director of the U.S. Patent

103449463

and documents or the new address(es) below.

**1. Name of conveying party(ies)**

Rahco International, Inc. (formerly R.A. Hanson Co., Inc.)

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

Name: FLSmith RAHCO INC.

Internal Address: Legal Department

FINANCIAL SECTION

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

**3. Nature of conveyance/Execution Date(s):**

Execution Date(s) 2 April 2007

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

Street Address: 8700 N Crestline Street

City: Spokane

State: Washington

Country: US Zip: 99217-7760

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

**4. Application or patent number(s):**

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

6185847

10/01/2007 DBYRME 00000018 062350 6185847  
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Additional numbers attached?  Yes  No

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

Name: Daniel DeJoseph

Internal Address: Legal Department

FLSmith Inc.

Street Address: 2040 Avenue C

City: Bethlehem

State: PA Zip: 18017

Phone Number: 610-2646555

Fax Number: (610) 264-6555

Email Address: (610)264-6761

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

**7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40**

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

**8. Payment Information**

a. Credit Card Last 4 Numbers \_\_\_\_\_  
Expiration Date \_\_\_\_\_

b. Deposit Account Number 06-2350

Authorized User Name Daniel DeJoseph

**9. Signature:**

Daniel DeJoseph  
Signature

9 July 2007  
Date

Daniel DeJoseph  
Name of Person Signing

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

4

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

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9-28-07

## ASSIGNMENT OF INVENTION

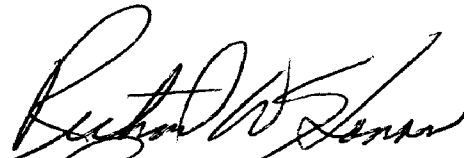
In consideration of the payment of One (\$1.00) Dollar and other good and valuable consideration paid to RAHCO INTERNATIONAL, INC. (formerly R.A. Hanson Co., Inc.), a Washington Corporation (hereinafter "Assignor") by FLSmidth RAHCO INC. , a Corporation organized under the laws of the state of Delaware, (hereinafter "Assignee") the receipt whereof is hereby acknowledged, Assignor does hereby assign, sell, and transfer unto the said Assignee, and successors and assigns, the entire right, title, and interest for the United States and in all countries foreign thereto and all divisions, reissues, reexaminations, continuations, and extensions thereof, in and to any and all improvements which are disclosed in the invention entitled "Continuous Shovel" and which is found in U.S. Patent No. 6,185,847, issued February 13, 2001 (the "Patent"), including all inventions disclosed therein, and any legal equivalent in a foreign country, including the right to claim priority. Assignor covenants that it is the lawful owner of the invention above mentioned, that the same is unencumbered, that no license has been granted to make, use, or sell the said invention, and that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment and that Assignor has the right to make this assignment. Assignor covenants that it will provide Assignee with all relevant documents relating to said invention and said Patent and legal equivalents as may be known and accessible to Assignor and agrees that it will communicate to said Assignee or its representatives any facts known to it respecting said invention and will, upon request, testify in any interference proceedings, sign all lawful papers, execute all divisional,

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continuing, reexamination or reissue applications, make all rightful oaths or affidavits, and generally do everything which in the opinion of said Assignee or its attorneys be reasonably required to aid said Assignee to obtain full protection for said invention; provided, however, Assignee hereby takes full responsibility for any and all pending or future maintenance, actions or proceedings involving the invention or the associated Patent, and shall bear the cost and expense of any such maintenance, actions or proceedings with regard to such invention and/or Patent, but, provided, further, that nothing in this Assignment shall obligate Assignee to maintain or enforce the Patent, including payment of maintenance fees that may become due and payable upon the Patent, if Assignee chooses not to, in the exercise of its sole discretion.

ATTEST

RAHCO INTERNATIONAL, INC.

By:   
Title: President

State of Washington ]  
County of Snohomish ] ss.:

On this 2nd day of April, 2007, before me, a Notary Public in and for the State and County aforesaid, personally appeared Richard W. Hansen, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



  
Notary Public