

01-16-2003



Form PTO 1595
(Rev. 03/01)

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PATENTS ONLY

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U.S. DEPARTMENT OF COMMERCE
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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):

William Eric Hartnell
David Boyd Whitten

1-13-03

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

2. Name and Address of receiving party:

Name: Crane Co.

Internal Address: _____

Street Address: 100 First Stamford Place

City: Stamford State: CT Zip: 06902

Additional name(s) and address(es) attached: Yes No

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Other _____

Execution Date: December 11, 2002, respectively

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)

10/279,442

B. Patent No.(s)

Additional numbers attached? Yes No

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

Name: John Schell, Patent Agent

Internal Address: Hughes & Luce, LLP

Street Address: 1717 Main Street, Suite 2800

City: Dallas State: Texas Zip: 75201

6. Total number of applications and patents involved:

12

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

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number: 50-1343

Deposit Account name: Hughes & Luce, LLP

(Attach duplicate copy of this page if paying by deposit account)

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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.

John Schell, Patent Agent; Reg. No. 50,776

Name of Person Signing

Signature

January 6, 2002

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 and Trademarks, Box Assignments
Washington, D.C. 20231

01/15/2003 TDI A21 00000039 501343 10279442

01 FC:8021 520.00 CH

013039.00213:146366.01

PATENT
REEL: 013654 FRAME: 0183

ASSIGNMENT

In consideration of One Dollar and other good and valuable consideration, of which we acknowledge receipt, I:

- (1) William Eric Hartnell
- (2) David Boyd Whitten

sell and assign to Crane Co., 100 First Stamford Place, Stamford, Connecticut 06902, (hereinafter referred to as "Assignee"), its successors and assigns the entire right, title and interest in and to the improvements in:

APPARATUS AND METHODOLOGY OF DETECTING FULFILLMENT OF CUSTOMER VEND REQUEST

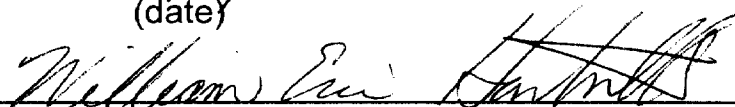
invented by us as described in the application for United States patent:

- Executed concurrently herewith, or
 U.S. Serial No. 10/279,442, filed October 24, 2002

and any and all applications for patent and patents therefore in any and all countries, including all divisions, reissues, continuations, continuations-in-part, and extensions thereof, and all rights of priority resulting from the filing of said United States application and authorize and request any official whose duty it is to issue patents, to issue any patents on said improvements or resulting therefrom to said Assignee, or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives or nominees any facts known to me respecting said improvements and testify in a legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said improvements in all countries.

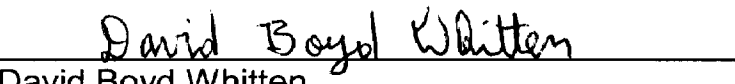
[Signature page follows]

(1) Signed at BRIDGETON, MO on 12/11/02, 2002.
(city, state) (date)



William Eric Hartnell

(2) Signed at Bridgeton, mo on December 11, 2002.
(city, state) (date)



David Boyd Whitten