

- 4/11/5

04-13-2005

FORM PTO-1595

SHEET U.S. DEPARTMENT OF COMMERCE

1/31/92



102978964

Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please Record the attached original documents or copy thereof.

1. Name of conveying party(ies):

RICHARDS-WILCOX, INC.

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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

Name: LAUYANS & COMPANY, INC.

Internal Address: _____

Street Address: 2929 West Chestnut Street

City: Louisville State: KY Zip: 40211

Additional Name(s) & Address(es) attached ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date September 8, 2004

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: _____

B. Patent No.(s)

A. Patent Application No.(s)

**5,188,245; 5,207,335; 5,330,062; 4,650,264; 4,180,044
4,900,284; 4,947,161; 5,199,840; 5,544,996**

Additional numbers attached? ☐ Yes ☒ No

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

**SCHIFF HARDIN LLP
Patent Department
6600 Sears Tower
233 S. Wacker Drive
Chicago, IL 60606-6473
Telephone: (312) 258-5500
Customer Number: 26574**

6. Total number of applications and patents involved
9

7. Total Fee (37 CFR 3.41

\$360.00

- ☒ Enclosed
☒ Authorized to be charged to deposit account any
Additional fees

8. Deposit Account Number:

501519

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

DO NOT USE THIS SPACE

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.

Brett A. Valiquet (Reg. No. 27,841)

Name of Person Signing

Brett A. Valiquet
Signature

April 7, 2005

Date

Total number of pages: 24

Mail documents to be recorded and required cover sheet information to:

**Director of the United States Patent and Trademark Office
P.O. Box 1450 - Mail Stop Assignment Recordation Services
Alexandria, VA 22313-1450**

04/12/2005 ECDOPER 00000133 5188245

01 FC:8021

(360.00 OP)

**PATENT
REEL: 016438 FRAME: 0968**

ASSIGNMENT OF PATENTS/TRADEMARKS


Richards-Wilcox, Inc., having its principal place of business at 600 South Lake Street, Aurora, Illinois 60506 ("Assignor"), for good and valuable consideration paid to it this day by LAUYANS & COMPANY, INC., a Kentucky corporation (hereinafter referred to as "Assignee"), does hereby grant, sell, convey, transfer, assign, set over and convey to Assignee, Assignors' entire right, title and interest in and to the patents, trademarks (excluding "R-W"), trade names (excluding "Richards-Wilcox"), service marks, copyrights, and applications for any of the foregoing identified on Schedule 1 attached hereto, any and all right to register the same, and all common law rights in and to the use thereof, together with the goodwill of the business symbolized thereby (collectively, the "Intellectual Property").

Assignor represents and warrants to Assignee that: (i) it has good and merchantable title to the Intellectual Property, (ii) it has the right, power and authority to transfer and assign the Intellectual Property to Assignee, without obtaining the consent of any third party, and (iii) the Intellectual Property is free and clear of financing statements, mortgages, security agreements, liens and other encumbrances subject to prior agreements between ART and Remstar. Assignor, on behalf of itself and its successors and assigns, does hereby warrant and will forever defend title to the Intellectual Property unto Assignee, its successors and assigns, against the lawful claims of all persons whosoever.

Assignor hereby agrees to execute and deliver to Assignee such further documents and instruments of conveyance, assignment, transfer, direction or authorization, and to take such other action, as Assignee shall reasonably request in order to convey, transfer to, enforce and confirm in Assignee all or any of the Intellectual Property transferred hereby.

IN WITNESS WHEREOF, Assignors and Assignee have caused this Assignment to be duly executed as of this 8th day of September, 2004.

RICHARDS-WILCOX, INC.

By: 
Title: CFO / VICE-PRESIDENT

Schedule 1
Intellectual Property

Trademarks and Tradenames

High Cube

Hi Cube

High Cube II

Hi Cube II

VSR [®] REGISTRATION NUMBER 1,372,240

HSR

Patents

Horizontal Carousel

5,188,245

United States patent.

February 23, 1993

Full height carrier for horizontal carousel.

5,207,335

United States patent.

May 4, 1993

Carousel conveyor with rotatable storage racks.

5,330,062

United States patent.

July 19, 1994

Light tree display for a horizontal carousel.

Vertical Carousel

4,650,264

United States patent.

March 17, 1987

Control system for vertical storage equipment.

4,810,044

United States patent.

March 7, 1989

Light bar.

4,900,284

United States patent.
apparatus.

February 13, 1990

Method of providing a light bar for storage

4,947,161

United States patent.

August 7, 1990

Light bar.

Vertical Lift Module

5,199,840

United States patent.

April 6, 1993

Automated storage and retrieval system.

5,544,996
United States patent.

August 13, 1996
Automated storage and retrieval system.

EP 0 495 077 B1
European patent specification.

January 14, 1998 (Bulletin 1998/03)
Automated storage and retrieval system.

2067214 [B 65G 1/04]
Canadian patent.

April 6, 2001
Automated storage and retrieval system.