

07-31-2003

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PATENTS UNIT

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U.S. DEPARTMENT OF COMMERCE
U.S. 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):
Columbus McKinnon Corporation
140 John James Audubon Parkway
Amherst, New York 14228-1197

2. Name and address of receiving party(ies)
Name: U.S. Bank Trust National Association, as Collateral Agent
Internal Address: Corporate Trust Service

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

3. Nature of conveyance:
 Assignment Merger
 Security Agreement Change of Name
 Other _____

Street Address: 100 Wall Street

City: New York State: NY Zip: 10005

Execution Date: 07/22/2003

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) See attached schedule.

B. Patent No.(s) See attached schedule.

Additional numbers attached? Yes No

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

Name: Ms. Penelope Agadoa

Internal Address: Federal Research Corporation

Street Address: 1030 Fifteenth St. NW

City: Washington State: DC Zip: 20005

6. Total number of applications and patents involved: 28

7. Total fee (37 CFR 3.41).....\$ 1120

Enclosed
 Authorized to be charged to deposit account

8. Deposit account number:

DO NOT USE THIS SPACE

9. Signature.

Elizabeth Steiner
Name of Person Signing

Elizabeth Steiner
Signature

7/28/03
Date

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

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

08/01/2003 670M11 00000034 6176145

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PATENT
REEL: 014313 FRAME: 0862

PATENTS OWNED BY COLUMBUS MCKINNON CORPORATION

U.S. Patent Registrations

<u>Patent Name</u>	<u>Patent No.</u>	<u>Date Issued</u>
Actuating Mechanism	6,176,145	01/23/2001
Air Lifting and Balancing Unit	5,556,077	09/17/1996
Air Lifting and Balancing Unit	5,439,200	08/08/1995
Air Lifting and Balancing Unit with Constant Force Pneumatic Circuit	5,520,368	05/28/1996
Apparatus for Use in Transporting a Disabled Person	5,325,550	07/05/1994
Articulated Pivoting Tie-Down Device	5,330,300	07/19/1994
Cable Restraining Device	5,427,469	06/27/1995
Cable Restraining Device, Cable Clamping Device and Wire Rope Restraining Device	UM-134977	05/01/1998
Cam-Assisted Load Binder	4,977,646	12/18/1990
Connector Assembly Apparatus And Method For Use	6,375,380	04/23/2002
Control System for Polyphase Induction Machines	5,140,247	08/18/1992
D.C. Solenoid Control Circuit	4,841,215	06/20/1989
Device for Handling Rod-Like Articles, Such as Rebar and the Like	6,357,995	03/19/2002
Hook Mounted Control Device	5,863,027	01/26/1999
J-Hook for Towing Automobiles	5,564,766	10/15/1996
J-Hook with Shank Portion Having Oval-Shaped Transverse Cross-Section	5,997,063	12/07/1999
Lever Operated Hoist	5,575,456	11/19/1996
Lever-Operated Hoist or Puller	4,576,363	03/18/1986
Load Binder	D309,854	08/14/1990
Machine for Shredding Rubber Tires and Other Solid Waste Material	5,152,469	10/06/1992
Microprocessor-Controlled Hoist System	4,636,962	01/13/1987
Overload Prevention Clutch Assembly	5,791,579	08/11/1998
Pendant-Type Electrical Switching Device	4,520,247	05/28/1985
Pneumatic Control Circuit for Applying Constant Force	5,517,821	05/21/1996
Shredded Tire Oversize Scrap Return Elevator	4,684,070	08/04/1987
Solenoid and Spring-Operated Brake	4,749,067	06/07/1988
Solenoid and Spring-Operated Brake	4,828,077	05/09/1989
Tire Shredding Machine	4,854,508	08/08/1989
Unitized Machine for Shredding Waste Automotive Vehicle Tires	4,684,071	08/04/1987

PATENTS OWNED BY COLUMBUS MCKINNON CORPORATION

Non-U.S. Patent Registrations

<u>Patent Name</u>	<u>Country</u>	<u>Patent No.</u>	<u>Issue Date</u>
Air Lifting and Balancing Unit	Canada	2,176,026	02/05/2002
Air Lifting and Balancing Unit	Canada	2,359,770	08/20/2002
Apparatus for Use in Transporting a Disabled Person	Japan	2,854,788	11/20/1998
Apparatus for Use in Transporting a Disabled Person	Europe	0 602 346	02/03/1999
Apparatus for Use in Transporting a Disabled Person	Canada	2,109,012	06/30/1998
Cable Restraining Device	India	182,822	12/19/1994
D.C. Solenoid Control Circuit	Canada	1,275,435	10/23/1990
Double Saddle Clamp	China	94190613.2	08/21/1999
Double Saddle Clamp	Canada	2,106,945	12/21/1999
Double Saddle Clamp (Piggy Back)	South Africa	94/4197	04/02/1998
Double Saddle Clamp (Piggy Back)	Taiwan	UM-134977	05/01/1998
Hand Operated Hoist	Korea	153,102	07/01/1998
Hand Operated Hoist	Germany	DE19502233	02/15/2001
Hand Operated Hoist	Canada	2,140,086	09/05/2000
Hand Operated Hoist	Taiwan	UM-134983	05/01/1998
Hand Operated Hoist	Japan	2,627,146	
J-Hook for Towing Vehicles	Canada	2,150,761	03/30/1999
Lever Operated Hoist	Japan	2,668,203	07/04/1997
Lever Operated Hoist	Germany	19545128	08/26/1999
Lever Operated Hoist	Korea	157,028	07/27/1998
Lever Operated Hoist	Canada	2,165,258	01/05/1999
Lever Operated Hoist and Hand Operated Tool	Taiwan	UM-148911	07/11/1999
OVERLOAD PREVENTION CLUTCH ASSEMBLY	Korea	316870	11/26/2001
Solenoid and Spring-Operated Brake	Great Britain	2,197,041	05/09/1990
Telescoping Infeed Conveyor	Australia	713,019	03/02/2000
Telescoping Infeed Conveyor	Korea	269,561	07/21/2000

PATENTS OWNED BY COLUMBUS MCKINNON CORPORATION

Non-U.S. Patent Applications

<u>Patent Name</u>	<u>Country</u>	<u>Patent Application No.</u>	<u>Filing Date</u>
Air Lifting and Balancing Unit	Canada	2,359,774	12/08/1994
Air Lifting and Balancing Unit	Europe	95904295.3	12/08/1994
Air Lifting and Balancing Unit	PCT	PCT/US94/14128	12/08/1994
Device for Handling Rod-Like Articles, Such as Rebar and the Like		PCT/US01/14086	05/02/2001
Device for Handling Rod-Like Articles, Such as Rebar and the Like	Canada	2,372,716	05/02/2001
Lever Operated Hoist	Mexico	955356	
Overload Prevention Clutch Assembly	Hong Kong	102243.1	04/13/2000
Overload Prevention Clutch Assembly	Europe	97935046.9	07/21/1997
Telescoping Infeed Conveyor	PCT	PCT/US97/02143	

ASSIGNMENT OF SECURITY (PATENTS)

Assignment for Security

(Patents)

WHEREAS, Columbus McKinnon Corporation, a corporation duly organized and validly existing under the laws of the State of New York, Audubon Europe S.à.r.l., a corporation duly organized and validly existing under the laws of Luxemburg, Audubon West, Inc., a corporation duly organized and validly existing under the laws of the State of Missouri, Crane Equipment & Service, Inc., a corporation duly organized and validly existing under the laws of the State of Oklahoma and Yale Industrial Products, Inc., a corporation duly organized and validly existing under the laws of the State of Delaware (collectively, the "Assignors"), own or hold rights to those patents and patent applications filed in the United States Patent and Trademark Office and/or patent offices or the equivalent thereof in any other country or political subdivision and listed on the annexed Schedule 1A (the "Patents");

WHEREAS, the Assignors have entered into that certain Collateral Agreement dated July 22, 2003 (the "Collateral Agreement"), with U.S. Bank Trust National Association, or its designee as collateral agent for certain lenders (in such capacity, together with its successors in such capacity, the "Assignee"); and

WHEREAS, pursuant to the Security Agreement, the Assignors have assigned to the Assignee and granted to the Assignee a security interest and a mortgage in, all right, title and interest of the Assignors in, to and under all intellectual and similar property of every kind and nature now owned or hereafter acquired by any Assignor, including (a) all letters patent of the United States or the equivalent thereof in any other country, all registrations and recordings thereof, and all applications for letters patent of the United States or the equivalent thereof in any other country, including registrations, recordings and pending applications in the United States Patent and Trademark Office or any similar offices in any other country, including those listed on Schedule III, (b) all reissues, continuations, divisions, continuations-in-part, renewals or extensions thereof, and the inventions disclosed or claimed therein, including the right to make, use and/or sell the inventions disclosed or claimed therein, (c) inventions, designs, Patents, trade secrets, confidential or proprietary technical and business information, know-how, show-how or other data or information, software and databases and all embodiments or fixations thereof and related documentation, registrations and franchises, and all additions, improvements and accessions to, and books and records describing or used in connection with, any of the foregoing, (d) all written agreements, now or hereafter in effect, granting to any third party any right to make, use or sell any invention on which a patent, now or hereafter owned by any Assignor or that any Assignor otherwise has the right to license, is in existence, or granting to any Assignor any right to make, use or sell any invention on which a patent, now or hereafter owned by any third party, is in existence and (e) all rights of any Assignor under any such agreement, the Patents, and all patents and patent applications filed in the United States Patent and Trademark Office and/or patent offices or the equivalent thereof in any other country or political subdivision, and reissues,

continuations, continuations-in-part, revisions, reexaminations, extensions and divisions for the foregoing, and all licenses for the foregoing, and all proceeds arising from or concerning the foregoing, including without limitation any and all causes of action which may exist by reason of past, present or future violations thereof, all whether now or hereafter owned or acquired by the Assignors (the "Collateral") to secure the payment, performance, and observance of the Security Obligations (as defined in the Security Agreement); and

WHEREAS, Schedule 1A correctly sets forth all Patents the Assignors own or hold rights to, filed in the United States Patent and Trademark Office and/or patent offices or the equivalent thereof in any other country or political subdivision.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Assignors do hereby convey, sell, assign, transfer and set over unto the Assignee and grant to the Assignee a security interest and a mortgage in the Collateral to secure the prompt payment, performance and observance of the Security Obligations.

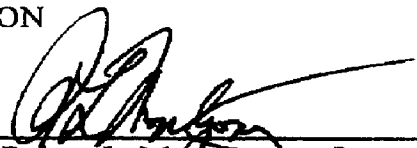
The Assignors do hereby further acknowledge and affirm that the rights and remedies of the Assignee with respect to the Collateral are more fully set forth in the Collateral Agreement, the terms and provisions of which are hereby incorporated herein by reference as if fully set forth herein. In the event of any conflict between the terms of this Assignment and the Collateral Agreement, the terms of the Collateral Agreement shall govern.

Notwithstanding anything herein to the contrary, the lien and security interest granted to the Assignee pursuant to this Assignment and the exercise of any right or remedy by the Assignee hereunder are subject to the provisions of the Intercreditor Agreement. In the event of any conflict between the terms of the Intercreditor Agreement and this Assignment, the terms of the Intercreditor Agreement shall govern.

IN WITNESS WHEREOF, the Assignors have caused this Assignment to be duly executed by its officer thereunto duly authorized on this 22nd day of July 2003.

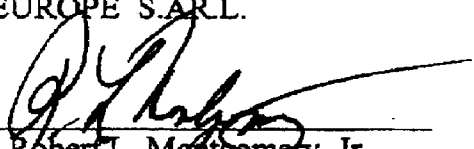
COLUMBUS MCKINNON
CORPORATION

By:


Name: Robert L. Montgomery, Jr.
Title: Executive Vice President and
Chief Financial Officer

AUDUBON EUROPE S.A.R.L.

By:


Name: Robert L. Montgomery, Jr.
Title: Manager - A category

AUDUBON WEST, INC.

By:


Name: Robert L. Montgomery, Jr.
Title: Vice President and Treasurer

CRANE EQUIPMENT & SERVICE, INC.

By:


Name: Robert L. Montgomery, Jr.
Title: Vice President and Treasurer

YALE INDUSTRIAL PRODUCTS, INC.

By:


Name: Robert L. Montgomery, Jr.
Title: Vice President and Treasurer

SCHEDULE 1A

TO

ASSIGNMENT FOR SECURITY

(Patents and Patent Applications)

SEE ATTACHED PAGES

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Double Saddle Clamp	Canada	2,106,945	12/21/1999
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Double Saddle Clamp (Piggy Back)	Taiwan	UM-134977	05/01/1998
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Hand Operated Hoist	Germany	DE19502233	02/15/2001
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Hand Operated Hoist	Taiwan	UM-134983	05/01/1998
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Telescoping Infeed Conveyor	Australia	713,019	03/02/2000
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Device for Handling Rod-Like Articles, Such as Rebar and the Like	Canada	2,372,716	05/02/2001
Lever Operated Hoist	Mexico	955356	
Overload Prevention Clutch Assembly	Hong Kong	102243.1	04/13/2000
Overload Prevention Clutch Assembly	Europe	97935046.9	07/21/1997
Telescoping Infeed Conveyor	PCT	PCT/US97/02143	

PATENTS OWNED BY YALE INDUSTRIAL PRODUCTS, INC.

Non-U.S. Patent Registrations

<u>Patent Name</u>	<u>Country</u>	<u>Patent No.</u>	<u>Issue Date</u>
Hoist with Load Brake Having Release Mechanism Therefor	Italy	1,096,079	08/17/1985
Rotary Steam Joint	Canada	1,287,850	08/20/1991
Rotary Steam Joint	Europe	280,015	08/29/1991

[[2292282]]