

04-02-2003

Form PTO-1595
(Rev. 10/02)

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U.S. DEPARTMENT OF COMMERCE
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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.

OFFICE OF PATENT RECORDS
MAR 23 AM 9:25
FINANCE SECTION

1. Name of conveying party(ies):

Dana Corporation

3-28-03

2. Name and address of receiving party(ies)

Name: Eaton Corporation

Internal Address: _____

Street Address: 1111 Superior Avenue

City: Cleveland State: OH Zip: 44114

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

3. Nature of conveyance:

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

Execution Date: 03/21/2003

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) 09/983,364;
10/025,858; 10/029,853; 10/029,952;

B. Patent No.(s) 4,671,542;
4,773,249; 4,777,860; 5,033,339;

Additional numbers attached? Yes No

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

Name: Eaton Corporation

Internal Address: ATTN: Loren H. Uthoff, Jr.

Street Address: 26201 Northwestern Hwy.,

P.O. Box 766

City: Southfield State: MI Zip: 48037

6. Total number of applications and patents involved: 43

7. Total fee (37 CFR 3.41).....\$ 1,720.00

- Enclosed
- Authorized to be charged to deposit account

8. Deposit account number:

05-0275

DO NOT USE THIS SPACE

9. Signature.

Loren H. Uthoff, Jr.

Name of Person Signing

Signature

03/28/03
Date

Total number of pages including cover sheet, attachments, and documents: 7

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

04/02/2003 6TON11 00000015 050275 09983364

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PATENT
REEL: 013897 FRAME: 0588

U.S. Applications

10/112,054
10/141,882

U.S. Patent Nos.

5,044,190	5,673,945
5,137,309	5,681,061
5,199,751	5,797,629
5,209,267	5,799,531
5,230,539	5,918,640
5,297,417	5,918,913
5,303,962	5,984,138
5,346,290	6,021,971
5,429,394	6,125,681
5,437,177	6,217,082
5,468,028	6,224,117
5,474,336	6,279,616
5,511,830	6,302,451
5,529,348	6,378,913
5,605,359	6,386,596
5,636,662	6,447,024
5,640,890	

ASSIGNMENT OF U.S. PATENTS AND PATENT APPLICATIONS

WHEREAS, Dana Corporation, a corporation organized under the laws of the State of Virginia, having principal offices at 3222 W. Central Avenue Toledo, Ohio 43606 (hereinafter "Assignor"), is the owner of the United States Letters Patents and Patent Applications which are specifically identified and listed in Schedule A and Schedule B, respectively, attached hereto, incorporated herein and made a part hereof; and

WHEREAS, Eaton Corporation, a corporation organized under the laws of the State of Ohio, having principal offices at 1111 Superior Avenue, Cleveland, Ohio 44114 (hereinafter "Assignee"), is desirous of acquiring all of Assignor's right, title and interest in the Patents and Patent Applications, specifically identified and listed in Schedule A and Schedule B, respectively, including its right to sue for and collect for past infringement thereof;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which by Assignor is hereby acknowledged, and intending to be legally bound hereby, the Assignor does hereby sell, assign, transfer and set over unto the Assignee its entire right, title and interest in and to, respectively, the Patents identified in Schedule A hereto, and any and all reissues and extensions thereof, including Assignor's right to sue for and collect damages and other recoveries for past infringement thereof; and the Patent Applications identified in Schedule B hereto, and any and all divisions, continuations and continuations-in-part thereof; the same to be held and enjoyed by the Assignee, its successors and assigns, as fully as the same would have been held and enjoyed by the Assignor has this Assignment not been made.

And for the consideration aforesaid, Assignor agrees that it will, upon request, execute and deliver to Assignee any and all additional papers and generally do all other and further lawful acts deemed necessary by said Assignee to carry out the terms of this Agreement.

EXECUTED this 21 day of March, 2003.

Dana Corporation

By: A. Glenn Paton

Name: A. GLENN PATON

Title: VICE PRESIDENT - TREASURER

By: _____

Name: _____

Title: _____

STATE OF OHIO :
COUNTY OF LUCAS : SS:

The foregoing instrument was acknowledged before me in the City of TOLEDO,
this 21 day of March, 2003, by A. Glenn Paton and
_____ of Dana Corporation, on behalf of the corporation.

Susan J. Stewart

Notary Public

My Commission Expires:



SUSAN J. STEWART
Notary Public, State of Ohio
Commission Expires 3-6-06

(Notary Seal)

SCHEDULE A
U. S. PATENTS

<u>U.S. Patent No.</u>	<u>Issue Date</u>	<u>Title</u>
4,671,542	06/09/87	Swivel Hose Coupling Assembly and Method
4,773,249	09/27/88	Hose Fitting Crimper
4,777,860	10/18/88	Braiding Nose
5,033,339	07/23/91	Quick Change Stock Stop
5,044,190	09/03/91	Base For Rotatably Supporting a Collet Crimping Machine
5,137,309	08/11/92	Hose Coupling Insert
5,199,751	04/06/93	Pressure Hose Coupling Collar and Method For Producing Same
5,209,267	05/11/93	Convolutd Hose End Assembly
5,230,539	07/27/93	Quick Connect Tube Coupling
5,297,417	03/29/94	Portable Collet Crimping Apparatus
5,303,962	04/19/94	Crimped Hose Coupling For Reinforced Hoses
5,346,290	09/13/94	Structure For Airbrake Tubing
5,429,394	07/04/95	Quick Connect Cartridge Assembly With Plug
5,437,177	08/01/95	Portable Collet Crimping Apparatus
5,468,028	11/21/95	Quick Connect Tube Couplings
5,474,336	12/12/95	Quick Connect Tube Couplings
5,511,830	04/30/96	Quick Connect Tube Couplings
5,529,348	06/25/96	Spring Lock Connector
5,605,359	02/25/97	Stabilized Hose Fitting For Coupling
5,636,662	06/10/97	Quick Connect Cartridge Assembly With Plug
5,640,890	06/24/97	Trepan Holder For Cutting Stainless Steel Hose Fittings

SCHEDULE A cont.

U. S. PATENTS

<u>U.S. Patent No.</u>	<u>Issue Date</u>	<u>Title</u>
5,673,945	10/07/97	Quick Connect Tube Couplings
5,681,061	10/28/97	Quick Connect Tube Couplings
5,797,629	08/25/98	Hose Coupling and Method of Securing A Hose To The Coupling By Crimping
5,799,531	09/01/98	Crimper Fitting Locator Assembly
5,918,640	07/06/99	Twin Tube Air Brake Hose
5,918,913	07/06/99	Quick-Connect Coupling For Articulating Hose Lines
5,984,138	11/16/99	Tanks With Flow Drill Bushings For Receiving Couplings
6,021,971	02/08/00	Winding Head For Wire Coils
6,125,681	10/03/00	Portable Crimper
6,217,082	04/17/01	Swivel Fitting
6,224,117	05/01/01	Contaminant Resistant Tube Fitting
6,279,616	08/28/01	Rubber Compositions, Hose Manufactured Therefrom, and Method of Manufacturing Hose
6,302,451	10/16/01	Quick-Connect Hose End Couplings
6,378,913	04/30/02	Swivel Coupling and Method for Attaching A Swivel Nut To A Tail Piece
6,386,596	05/14/02	Quick-Connect Hose End Couplings
6,447,024	09/10/02	Spring Retainer Clip For A Quick-Connect Coupling

SCHEDULE B
U. S. PATENT APPLICATIONS

<u>U.S. Application</u>	<u>Filing Date</u>	<u>Title</u>
09/983,364	10/24/01	Brazing Joint For Tubes and the Like
10/025,858	12/26/01	Unitary Multi-Flow Connection
10/029,853	12/31/01	Hose Structure, Formulation For a Rubber Tube Used Therein and Method of Making the Hose Structure
10/029,952	12/31/01	Crimping Apparatus for Collars and in Methods of Crimping Collars, and a Crimping Kit For Effecting These Improvements
10/112,054	04/01/02	Dual Air Actuator For Operating an Air Chuck
10/141,882	05/10/02	Low Pressure Fitting