

03-15-2002



102018530

Docket No.:

T U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

Tab settings → → →

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

1. Name of conveying party(ies):

Eaton Corporation
Eaton Center
1111 Superior Avenue
Cleveland, OH 44114 2684

3.5.02

Additional names(s) of conveying party(ies) ☐ Yes ☒ No

3. Nature of conveyance:

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

Execution Date: September 5, 2001

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

Name: Parker-Hannifin Corporation

Internal Address: _____

Street Address: 6035 Parkland Blvd.

City: Cleveland State: OH ZIP: 44124

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

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: _____

A. Patent Application No.(s)

RE904420 09/918,424
09/568,715 09/904,217
09/625,454

B. Patent No.(s)

4,542,852 4,944,160
5,100,245 4,993,231
5,144,814 5,269,459
5,367,759 6,062,484
5,979,780

Additional numbers attached? ☐ Yes ☒ No

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

Name: Christopher H. Hunter, Esq.

Internal Address: _____

Parker-Hannifin Corporation

Street Address: 6035 Parkland Blvd.

03/14/2002 AHMED1 00000151 160325 RE904420

03-EC-581 Cleveland OH State: OH ZIP: 44124

6. Total number of applications and patents involved: 14

7. Total fee (37 CFR 3.41):.....\$ 560.00

☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account

☒ Authorized to be charged to deposit account

8. Deposit account number: 16-0325

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.

Christopher H. Hunter

September 17, 2001

Name of Person Signing

Signature

Date

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

PATENT

REEL: 012665 FRAME: 0354

ASSIGNMENT OF UNITED STATES AND FOREIGN PATENTS


EATON CORPORATION, an Ohio corporation having offices at 1111 Superior Avenue, Cleveland, Ohio 44114, ("EATON"), is the owner of the patents and patent applications listed on Exhibit A attached hereto ("Patents"). Parker-Hannifin Corporation, a corporation of the State of Ohio with offices at 6035 Parkland Blvd., Cleveland, Ohio 44124, ("PARKER"), is desirous of acquiring the entire right, title and interest in and to the Patents.

NOW, THEREFORE, the parties hereto agree as follows:

EATON, pursuant to an Asset Purchase and Sale Agreement dated August 31, 2001, has sold, assigned and transferred certain assets to PARKER and in furtherance thereof, does hereby sell, assign and transfer, onto PARKER, its successors and assigns, the entire right, title and interest in and to the Patents, all inventions and improvements disclosed in the Patents, all divisions, continuations, renewals, reissues, reexaminations and extensions of the Patents, and all claims, demands, causes of action, damages and remedies of every kind recoverable at law or in equity or otherwise from any and every party for any and every infringement of the Patents together with the rights to bring and maintain any action for past infringements and for recovery of damages and fees. EATON, for the consideration aforesaid, will make, execute and deliver any and all other instruments in writing, and any and all further papers, affidavits, assignments and other documents which may be necessary or desirable more effectively to secure to and vest in said PARKER, its successors and assigns, the entire right, title and

interest in and to the said improvements, inventions, Patents, rights, title, benefits, privileges and advantages hereby sold, assigned and conveyed, or intended so to be.

EATON CORPORATION

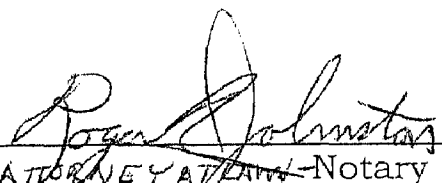
By: 
J. Robert Horst

Title Vice President and General Counsel

Date SEPT. 5, 2001

STATE OF OHIO)
) SS:
COUNTY OF CUYAHOGA)

On this 5th day of SEPTEMBER, 2001, before me personally appeared J. Robert Horst, to me known, who, being by me duly sworn, did depose and say that he is the Vice President and General Counsel of Eaton Corporation, the corporation described in and which executed the foregoing instrument, that said instrument was executed with authorization by the board of directors of said corporation, and that he signed his name thereto by like authorization.


~~ATTORNEY AT LAW~~ - Notary Public
MY COMMISSION HAS NO EXPIRATION DATE
SECTION 147.03 R.C.

And By: Earl R. Franklin
Earl R. Franklin

Title Secretary, Associate General Counsel
and Director-Environmental Resources

Date SEPT. 5, 2001

STATE OF OHIO

)

) SS:

COUNTY OF CUYAHOGA

)

On this 5th day of SEPTEMBER, 2001, before me personally appeared Earl R. Franklin, to me known, who, being by me duly sworn, did depose and say that he is the Secretary, Associate General Counsel and Director-Environmental Resources of Eaton Corporation, the corporation described in and which executed the foregoing instrument, that said instrument was executed with authorization by the board of directors of said corporation, and that he signed his name thereto by like authorization.

Roger Dolmiston
~~ATTORNEY AT LAW~~ Notary Public

MY COMMISSION HAS NO EXPIRATION DATE
SECTION 147.03 R.C.

EXHIBIT A

U.S. PATENTS AND APPLICATIONS

STATUS	PDS NO.	COUNTRY	REL. TYPE	APP. DATE	APP. NO.	PATENT NO.	ISSUE DATE	TITLE	INVENTORS
FILED	00-ASD-422	USA		07/27/01	Unknown			REFRIGERANT EXPANSION VALVE HAVING ELECTRICALLY OPERATED INLET SHUTOFF WITH IMPROVED ARMATURE DAMPENING	WILLIAM L. BREYER PATRICK A. BLOEDEL
FILED	00-ASD-423	USA		07/12/01	Unknown			REDUCING FLOW NOISE IN A REFRIGERANT EXPANSION VALVE	DAVID J. KRAMER
FILED	88-CON-451	USA	REISSUE	06/12/92	RE904420			SENSING REFRIGERANT TEMPERATURE IN A THERMOSTATIC EXPANSION VALVE	JOSEPH J. SPRYSHAK GLENNON T F
FILED	99-ASD-408	USA		05/11/00	568,715			REDUCING NOISE IN A THERMAL EXPANSION VALVE	TORRENCE R J DAVID L. MARTIN ROBERT A. DAYTON
FILED	99-ASD-465	USA		07/26/00	625,454			QUIETING A THERMAL EXPANSION VALVE	ROBERT A. DAYTON ORTH C D
ISSUED	84-CON-426	USA		05/03/84	586,169	4,542,852	09/24/85	VIBRATION DAMPING DEVICE FOR THERMOSTATIC EXPANSION VALVES	TORRENCE R J
ISSUED	88-CON-451	USA	DIV.	10/22/90	600,786	5,100,245	03/31/92	SENSING REFRIGERANT TEMPERATURE IN A THERMOSTATIC EXPANSION VALVE	GLENNON T F TORRENCE R J
ISSUED	88-CON-452	USA		01/31/90	473,066	4,944,160	07/31/90	THERMOSTATIC EXPANSION VALVE WITH ELECTRONIC CONTROLLER	MALONE P J THOMPSON M B TORRENCE R J
ISSUED	89-CON-165	USA		03/02/90	487,312	4,993,231	02/19/91	THERMOSTATIC EXPANSION VALVE WITH ELECTRONIC CONTROLLER	TORRENCE R J
ISSUED	90-CON-026	USA		03/26/91	674,988	5,144,814	09/08/92	THERMISTOR CALIBRATION	GAUDETTE M F GAUDETTE M F
ISSUED	90-CON-467	USA	CONT.	06/18/92	900,621	5,269,459	12/14/93	THERMALLY RESPONSIVE EXPANSION VALVE	THOMPSON M B MALONE P G MALONE P J
ISSUED	93-CON-432	USA		10/13/93	126,639	5,367,759	11/29/94	METHOD OF ASSEMBLING A TUBULAR PROBE	LOEW K D OLIVER A M
ISSUED	97-ASD-391	USA		05/20/98	82,338	6,062,484	05/16/00	MODULAR THERMAL EXPANSION VALVE AND CARTRIDGE THEREFOR	WILLIAM N. EYBERGEN
ISSUED	97-LEC-110	USA		10/03/97	943,400	5,979,780	11/09/99	THERMOSTATIC EXPANSION VALVE WITH INTEGRAL INLET SOLENOID ACTUATED SHUT OFF	MALONE P J EYBERGEN W N

EXHIBIT A
FOREIGN PATENTS AND APPLICATIONS

G	88CON451 2038385 24SE1996	Canada	2038385	18MR1991
G	88CON451 EP0447882 17MY1995	European Patent Convention	91103418.9	06MR1991
G	88CON451 EP0447882 17MY1995	France	91103418.9	06MR1991
G	88CON451 EP0447882 17MY1995	Great Britain	91103418.9	06MR1991
G	88CON451 P69109717.8 17MY1995	Germany	91103418.9	06MR1991
G	88CON451 EP0447882 17MY1995	Italy	91103418.9	06MR1991
G	88CON451 3069800 26MY2000	Japan	HEI380830	19MR1991
G	88CON451 106615 24OC1996	Korea South	1991-3909	12MR1991
G	88CON451 EP0447882 17MY1995	Spain	91103418.9	06MR1991
G	88CON452 3060323 28AP2000	Japan	HEI331900	31JA1991

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FOREIGN PATENTS AND APPLICATIONS

G	90CON467	European Patent Convention	92117745.7	16OC1992
	EP0537776 12MR1997			
G	90CON467	France	92117745.7	16OC1992
	EP0537776 12MR1997			
G	90CON467	Great Britain	92117745.7	16OC1992
	EP0537776 12MR1997			
G	90CON467	Germany	92117745.7	16OC1992
	P69218099.0 12MR1997			
G	90CON467	Italy	92117745.7	16OC1992
	EP0537776 12MR1997			
F	90CON467	Japan	HEI4303045	15OC1992
F	97LEC110	Australia	735114	30SE1998
F	97LEC110	Brazil	PI9804152-5	02OC1998
F	97LEC110	China P.R.	98124301.0	03OC1998
F	97LEC110	European Patent Convention	98118651.3	02OC1998
F	97LEC110	Japan	HEI10279685	01OC1998
F	97LEC110	Korea South	1998-40998	30SE1998
F	97ASD391	Brazil	PI9901976	19MY1999
F	97ASD391	Canada	2271532	20MY1999
F	97ASD391	China P.R.	99106793.2	20MY1999
F	97ASD391	European Patent Convention	99108678.6	18MY1999
F	97ASD391	Japan	HEI11138593	19MY1999
F	97ASD391	Korea South	10-1999-0018242	20MY1999
F	97ASD391	Mexico	994645	19MY1999