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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

PATENT
1925- P0073A

Assignor:	Midland Brake, Inc.
Assignee:	Haldex Midland Brake Corporation
Registration No: 5,046,786	Issue Date: 09/10/1991
Title of Application	Combination brake valve module

Box Assignment
Assistant Commissioner for Patents
Washington, DC 20231

Assignment Recordation Form Cover Sheet

Dear Sir:

Please record the attached original document.

1. Name of conveying party(ies) Midland Brake, Inc.
2. Name and Address of Receiving Party Haldex Midland Brake Corporation, located at 10930 N. Pomona Avenue, Kansas City, MO 64153-1297
3. Nature of Conveyance: Assignment. Execution Date: April 3, 1998
4. Name and Address of Party to Whom Correspondence Concerning Document should be mailed.

Wesley W. Whitmyer, Jr., Registration No. 33,558
Attorney for Assignee
ST.ONGE STEWARD JOHNSTON & REENS LLC
986 Bedford Street
Stamford, CT 06905-5619
203 324-6155

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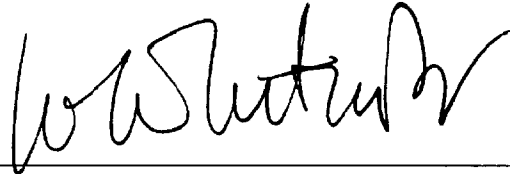
Mailing Certificate: I hereby certify that this correspondence is today being deposited with the U.S. Postal Service as *First Class Mail* in an envelope addressed to: Box Assignment; Commissioner of Patents and Trademarks; Washington, DC 20231.

Feb. 2
~~January 14~~, 2000

Danielle B. Dominici

5. Patent Number: 5,046,786
6. Total Number of Patents Involved: 1
7. Total Fee (37 CFR 3.41). \$40.00 due. A check for this amount is enclosed.
8. Authorization to Charge Deposit Account. The Commissioner is hereby authorized to charge any additional fees due by this paper and during the entire pendency of this Application to Account No. 19-4516.
9. Statement and Signature. Total number of pages including cover sheet, attachments and document are 10. To the best of my knowledge and belief, the foregoing information is true and correct.

Respectfully submitted,



Wesley W. Whitmyer, Jr., Registration No. 33,558
Attorney for Assignee
ST.ONGE STEWARD JOHNSTON & REENS LLC
986 Bedford Street; Stamford, CT 06905-5619
Telephone: 203 324-6155

ASSIGNMENT OF PATENTS

THIS ASSIGNMENT OF PATENTS dated as of April 3, 1998 is by and between Midland Brake, Inc., a Delaware corporation ("Assignor"), and Haldex Midland Brake Corporation, a Delaware corporation ("Assignee").

RECITALS:

A. Assignor, Assignee and related parties have entered into that certain Asset Purchase Agreement dated as of the date hereof (as amended from time to time in accordance with the terms thereof, the "Purchase Agreement"), providing, subject to the terms and conditions set forth therein, for the sale, transfer, conveyance, assignment and delivery by Assignor to Assignee of the Assets (as such term is defined in Section 2.1 of the Purchase Agreement) which are owned by the Assignor.

B. Assignor has adopted, used and is using the patents which are listed in Exhibit A attached hereto (the "Patents") and which are registered in the United States Patent and Trademark Office as indicated in said Exhibit.

C. Assignor desires to acquire the full right, title and interest in and to the Patents and any and all registrations thereof whether current, pending, or expired.

NOW, THEREFORE, in consideration of the premises and the mutual covenants contained in the Purchase Agreement, and for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto hereby agree as follows:

1. Definitions. Unless otherwise defined herein, each capitalized term used herein shall have the meaning assigned thereto in the Purchase Agreement.

2. Assignment of Patents. In accordance with Section 2.1.4 of the Purchase Agreement, said Assignor does hereby assign unto the said Assignee all right, title and interest in and to the Patents and all the registrations thereof, whether current, renewed or expired, together with the goodwill of the Business symbolized by the Patents.

3. Representations and Warranties. Assignor represents and warrants that:

(a) it is the sole record owner of any registrations for the Patents whether current, renewed or expired.

(b) it will take whatever actions and provide any information necessary, as reasonably determined by Assignee, to ensure that Assignee can register, renew registration, or file any documents necessary regarding the Patents assigned herein with the appropriate state or federal agencies or offices.

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IN WITNESS WHEREOF, the undersigned has caused this Assignment of Patents to be duly executed as of the date first written above.

~~MIDLAND BRAKE, INC.~~

By: *[Signature]*

Title: *Vice Pres*

HALDEX MIDLAND BRAKE CORPORATION

By: *[Signature]*

Title: *Director*

EXHIBIT A

COUNTRY CODE	PATENT NO.	FILE DATE/ SERIAL NO.	ISSUE DATE	TITLE
CND		6/19/84 456,883		Over-the-Road Vehicle Automatic Slack Adjuster
CND	Application	3/22/96 2,172,474		Simplified Full-Function Valve for Heavy Duty Brake Systems
CND	Application	1/17/94 2,113,604		A Valve Assembly for A Vehicle Air Brake System"
CND	Application	10/21/93 2,108,913		Split Hinge Clutch Brake And Method To Assemble
CND	Application	6/20/94 2,126,255		Split System Full-Function Valve System for Heavy Duty Semi-Trailer Brake Systems
CND	Application	1/17/94 2,090,130		Full Function Valve for Heavy Duty Semi-Trailer Brake Systems
CND	Application	3/15/94 2,119,074		Quick-Release Valve For a Vehicle Air Release Brake System
CND	Application	8/01/95 2,155,142		Full-Function Valve for Tandem Trailer Brake System
CND	Application	3/01/93 2,090,653		Sealed Air Dryer with Turbosaver Valve
CND	Application	1/11/91 2,034,080.1		Combination Brake Valve Module
CND	Application	11/21/90 2,030,411		Compressed Gas Dryer with Pressure Retention
CND	Application	3/09/93 2,091,307		Full-Function Valve For Heavy Duty Semi-Trailer Brake Systems

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CND	Application	3/01/94 216,729		Proportioning Module
CND	Application	6/20/94 2,126,256		Improved Full-Function Valve for Heavy Duty Semi-Trailer Brake Systems
CND	1,098,603	5/23/79 328,173	3/31/81	Cylinder and Piston Assembly with Piston Over Travel Indicator
CND	1,101,960	5/23/79 328,172	5/26/81	Piston Over Travel Indicator
CND	1,106,469	10/19/76 263,662	8/04/81	Antilock Sensor Assembly
CND	1,111,467	1/11/79 319,463	10/27/81	Combination Push-Pull Valve Assembly
CND	1,123,027	4/30/79 326,605	5/04/82	Multi-Function Parking Brake Control Valve with Separated Supply and Control Inputs
CND	1,123,028	7/28/81 382,731	5/04/82	Multi-Function Parking Brake Control Valve with Separated Supply and Control Inputs
CND	1,130,384	4/10/79 1,130,384	8/24/82	Frequency to Digital Converter
CND	1,150,709	11/10/80 364,378	7/26/83	Clutch Retention Feature of a Hand Control Valve
CND	1,157,397	10/20/80 362,806	11/23/83	Brake Actuators
CND	1,157,496	11/07/80 364,229	11/22/83	Pneumatic Control Valve
CND	1,188,195	6/07/82 404,590	6/04/85	Ratio Control Valve for Tractor Rear Axles
CND	1,191,524	9/25/81 386,697	8/06/85	Dual Area Metering Valve with Variable Reaction Assembly
CND	1,192,936	6/07/82 404,591	9/03/85	Tractor Air Brake System and Control Valve Means Therefor
CND	1,222,536	6/07/82	6/02/87	Ratio Control Valve for Tractor

CND	1,230,297	2/13/85 474,183	12/15/87	Improvements in Vehicle Slack Adjuster
CND	1,250,535		2/02/89	Safety Restraint for Brake Actuators
CND	1,270,774	5/06/86 508,512	6/26/90	Vehicle Slack Adjuster Clutch
CND	1,275,946		11/06/90	Means for Connecting a Brake Rod to the Lever Arm of an Automatic Slack Adjuster
CND	1,278,539	12/15/86 525,290	1/02/91	Heavy Duty Friction Clutch
CND	1,289,896		10/01/91	Vehicle Automotive Slack Adjuster
CND	1,317,990	8/09/89 607,821-4	5/18/93	Compact, Integrated, Multi-Function Brake Valve
EUR	98,029	3/29/83 83301770.0	7/23/86	Braking Actuator
GER	25-06-428	5/6/82	2/15/75	Automatic Brake Slack Adjusters
JPN	1,654,238	61-308928	4/13/92	Heavy Duty Friction Clutch
USA	Application	11/04/96 08/743,251		Booster Valve with Contaminant Ejection for use in a Pneumatic Brake System
USA	Application			Contaminant-Ejecting Relay Valve for a Pneumatic Brake System
USA	Application			Quick Drive Away Feature for Heavy Duty Semi-Trailer Brake Systems
USA	Application			Aftercooler with Thermostatically Controlled By-pass
USA	4,187,717	6/19/78 05/916,610	2/12/80	Apparatus and Method for Testing Products for Leaks
USA	4,191,428	7/28/78 05/928,737	3/04/80	Air Brake System with Pressure Holding Valve

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USA	4,194,522	4/03/78 05/893,194	3/25/80	Air Pressure Regulator
USA	4,204,555	6/12/78 05/914,899	5/27/80	Exhaust Valve Assembly
USA	4,206,455	6/09/78 05/914,050	6/03/80	Piston Overtravel Indicator
USA	4,207,563	6/08/78 05/913,646	6/10/80	Gas Charged Accumulator with Failure Indicator
USA	4,207,564	5/12/78 05/914,382	6/10/80	Cylinder and Piston Assembly with Piston Overtravel Indicator
USA	4,207,565	6/12/78 05/914,500	6/10/80	Piston Overtravel Indicator
USA	4,279,273	2/04/80 06/118,617	7/21/81	Clutch Retention Feature of a Hand Control Valve
USA	4,290,342	12/14/79 06/103,700	9/22/81	Hydraulic Booster Valve
USA	4,294,071	12/12/79 06/102,883	10/31/81	Hydraulic Booster Travel Ratio Valve
USA	4,300,583	12/12/79 06/102,882	11/17/81	Hydraulic Booster Valve
USA	4,302,057	12/27/79 06/102,882	11/24/81	Pneumatic Control Valve
USA	4,313,454	12/12/79 06/102,884	2/02/82	Hydraulic Brake Booster Pressure Limiter
USA	4,480,530	6/28/82 6-392,543	11/06/84	Braking Actuator
USA	4,544,046	11/28/83 555,647	10/01/85	Over-the-Road Vehicle Automatic Slack Adjuster
USA	4,561,827	3/08/84 06/587,675	12/31/85	Air Compressor Having Condition Responsive Clutch Control
USA	4,565,120	3/20/85 06/713,884	1/21/86	Safety Restraint for Brake Actuators
USA	4,624,345	7/13/84	11/25/86	Vehicle Slack Adjusters

USA	4,643,279	5/06/85 730,733	2/17/87	Means for Connecting a Brake Rod to the Lever Arm of an Automatic Slack Adjuster
USA	4,710,108	3/11/87 24,624	12/01/87	Isolation Valve Construction (for use in a pneumatic system)
USA	4,895,226	8/19/85 766,590	1/23/90	Vehicle Automatic Slack Adjuster
USA	4,915,456	5/02/89 346,086	4/10/90	Compact, Integrated, Multi-Function Brake Valve
USA	5,046,786	6/12/90 07/537,083	9/10/91	Combination Brake Valve Module
USA	5,066,317	12/15/89 07/451,222	11/19/91	Compressed Gas Dryer System With Pressure Retention
USA	5,139,378	3/01/91 07/663,179	8/18/92	Adjustable Retaining Apparatus
USA	5,154,585	12/11/91 07/805,070	10/13/92	System For Lubrication of a Brake Air Compressor Associated with a Turbocharged Internal Combustion Engine
USA	5,186,522	9/24/91 07/764,913	2/16/93	Air Dryer Purge Line
USA	5,236,070	1/08/93 08/002,063	8/17/93	Retracting Strap Plate Clutch Assembly
USA	5,236,250	9/02/92 07/939,141	8/17/93	Full-Function Valve For Heavy Duty Semi-Trailer Brake Systems [Version 2]
USA	5,240,271	11/07/91 07/788,882	8/31/93	Tractor-Mounted Integrated Gladhand and Quick-Release Valve For Tractor-Trailer Highway Vehicles
USA	5,285,881	10/22/92 07/964,783	2/15/94	Split Hinge Clutch Brake And Method To Assemble
USA	5,322,353	2/04/93 08/013,588	6/21/94	Valve Assembly For A Vehicle Air Brake System
USA	5,334,230	12/23/92	8/02/94	Sealed Air Dryer with Turbosaver

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USA	5,358,076	8/05/93 08/102,591	10/25/94	Indicator Unit For An Air Brake System
USA	5,362,136	3/02/93 08/025,187	11/08/94	Proportioning Module (for a brake system)
USA	5,409,303	6/02/94 08/252,931	4/25/95	Full Function Skid Control Braking System for Vehicles
USA	5,417,479	11/09/93 149,287	5/23/95	Full-Function Valve For Heavy Duty Semi-Trailer Brake System
USA	5,425,571	11/09/93 149,288	6/20/95	Split System Full-Function Valve System For Heavy Duty Semi-Trailer Brake Systems
USA	5,425,572	6/15/93 08/078,139	6/20/95	Quick-Release Valve For a Vehicle Air Release Brake System
USA	5,458,403	4/29/94 236,636	10/17/95	Full-Function Valve with Quick Drive Away For Heavy Duty Semi-Trailer Brake Systems
USA	5,466,053	9/12/94 304,393	11/14/95	Full-Function Valve for Tandem Trailer Brake System
USA	5,497,742	12/19/94 08/358,859	3/12/96	Drive Through Crankshaft
USA	5,511,860	11/29/94 08/346,396	4/30/96	Brake System For Heavy Duty Semi-Trailer Brake Systems
USA	5,553,928	3/28/85 08/411,936	9/10/96	Simplified Full-Function Valve for Heavy Duty Brake Systems
USA	5,577,814	4/24/95 08/427,371	11/26/96	Full Function Skid Control Braking System for Vehicles
USA	5,580,101	9/22/95 08/531,892	12/03/96	Tapered Joint Thread System
USA	5,623,862	8/17/95 08/516,444	4/29/97	Long Stroke Spring Brake Actuator
USA	5,722,740	11/25/96 758,195	3/03/98	Full Function Skid Control Braking System for Vehicles