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Enter the total number of pages of the attached conveyance document including any attachments.

# 12

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Attached

Schedule A

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Schedule A

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

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**Patent Cooperation Treaty (PCT)**

Enter PCT application number only if a U.S. Application Number has not been assigned.

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Enter the total number of properties involved.

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Veronica D. Jarlis, Sr. Legal Assistant, Hill & Barlow

*Veronica D. Jarlis*

01-22-2001

Name of Person Signing

Signature

Date

SCHEDULE 1  
PAGE 1

PATENTS OWNED BY A. W. CHESTERTON COMPANY  
AS OF JULY 29, 1999

DKT No.	TITLE	STATUS	APPLICATION NO.	APPLICATION DATE	PATENT NO.	DATE
CTH-0209	Split Mechanical Face Seal (Henri V. Azibert)	G			4576384	18MR1986
CTH-0222CN	Balanced Mechanical Seal (Henri V. Azibert, Margaret B. Willbrant & Ann T. Attenasio)	G			5213340	25MY1993
CTH-0222CP	Balanced Mechanical Seal Assembly and Flow Ring Therefor (Henri V. Azibert, Margaret B. Willbrant & Ann Attenasio)	G			5203575	20AP1993

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DKT No.	TITLE	STATUS	APPLICATION NO.	APPLICATION DATE	PATENT NO.	DATE
CTH-0222DV	Balanced Mechanical Seal Assembly and Flow Ring Therefor (Henri V. Azibert, Margaret B. Willbrant & Ann Attenasio)				5333882	02AU1994
CTH-0224CN	Universal Seal or Packing Gland (Henri V. Azibert, Margaret B. Willbrant, Ann T. Clark)	G			5209496	11MY1993
CTH-0225	Anti-Rotation Wiper Ring (John J. Gaucher, Van Fleet, Frank & Shannon Daniel)	G			5263404	23NO1993
CTH-0227	Universal Split Mechanical Seal (Henri V. Azibert)	G			5571268	05NO1996

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DKT No.	TITLE	STATUS	APPLICATION NO.	APPLICATION DATE	PATENT NO.	DATE
CTH-0228	Securing and Centering Devices for a Split Mechanical Seal (Henri V. Azibert & Marlen F. Clark)	G			5711532	27JA1998
CTH-0228DV	Centering Devices for a Split Mechanical Seal (as amended) (Henri V. Azibert & Marlen F. Clark)	G			5725220	10MR1998
CTH-0228DV CN	Centering Devices for a Split Mechanical Seal (as amended) (Henri V. Azibert & Marlen F. Clark)	F			5913520	22JU1999
CTH-0241	Split Interlocking Seal (Christopher M. Deely & Patrick W. McMahon)	G			5513858	07MY1996

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DKT No.	TITLE	STATUS	APPLICATION NO.	APPLICATION DATE	PATENT NO.	DATE
CTH-0242	Dual Face Seal with Clean Barrier Fluid and Dynamic Pressure Control System (Michael Ostrowski)	G			5636847	10JE1997
CTH-0242CP	Dual Seal with Clean Barrier Fluid and Dynamic Pressure Control (Michael H. Ostrowski)	G			5769427	23JE1998
CTH-0243	Mechanical Seal (as amended) Dale J. Warner)	G			4906008	06MR1990
CTH-0243DV	Method of Installing a Positive Bearing Housing Seal (Dale J. Warner)	G			4905366	06MR1990
CTH-0244	Lubricated Braided Packing and Method of Making Same (Paul Vincent)	G			5794504	18AU1998

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DKT No.	TITLE	STATUS	APPLICATION NO.	APPLICATION DATE	PATENT NO.	DATE
CTH-0244CN	Lubricated Braided Packing and Method of Making Same (Paul Vincent)	G	09/104317	25JE1998		
CTH-0246	Filtering System for Pump Shaft Seal (Dale J. Warner)	G			5372730	13DE1994
CTH-0247	Shaft Seal Coolant Flow Control (Dale J. Warner)	G			5456286	10OC1995
CTH-0248	Multichange Adjustable Flow Control (Dale J. Warner)	G			5426985	27JE1995
CTH-0249	Sealing System for Reciprocating Rod (Christopher G. D'Alfonso)	G			5398944	21MR1995

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DKT No.	TITLE	STATUS	APPLICATION NO.	APPLICATION DATE	PATENT NO.	DATE
CTH-0250	Cartridge Seal Having a High Contact Pressure Seal and Means for Interseal Adjustment Including Quench Fluid Delivery (Larry DiPietro)	G			5544897	13AU1996
CTH-0251	Motor Pump Power End Interconnect (Richard P. Antkowiak)				5344291	06SE1994
CTH-0252	Sleeve for Shaft Seal (Ann Atenasio)	G			5489105	06FE1996
CTH-0253	Split Fitting/Seal (Frank R. Van Vleet and Michael P. Grimanis)	G			5368336	29NO1994
CTH-0254	Adjustable Shaft Seal and Method of Adjustment (Dale J. Warner)	G			4997191	05MR1991
CTH-0255	Pressure Activated Emergency/Temporary Seal (Dale J. Warner)	G			5071139	10DE1991



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DKT No.	TITLE	STATUS	APPLICATION NO.	APPLICATION DATE	PATENT NO.	DATE
CTH-0256	Closed Lubrication System for Bearings (Dale J. Warner & Dale James Warner)	G			5129482	14JL1992
CTH-0257	Shaft Seal with Predetermined Mounting Parameters (Dale J. Warner & Dale James Warner)	G			4989882	05FE1991
CTH-0259	Omni-Directional Articulated Mounting Assembly for Shaft Seals (Dale J. Warner)	G			5026077	25JE1991
CTH-0260	Shaft Seal (Dale J. Warner)	G			4688807	25AU1987
CTH-0262	Automatic Aligning Cartridge Mount Seal (Dale J. Warner)	G			4639000	27IA1987

DKT No.	TITLE	STATUS	APPLICATION NO.	APPLICATION DATE	PATENT NO.	DATE
CTIH-0268	Non-Contacting Mechanical Face Seal Including Fluid Control System (Feng-Shi Wu, Christopher A. Kowalski & Henri V. Azbert)	F	09/013698	26JA1998		
CTIH-0269	Dual Non-Contacting Mechanical Face Seal Having Concentric Seal Faces (Feng-Shi Wu, Christopher A. Kowalski, & Henri V. Azbert)	F	09/013089	26JA1998		
CTIH-0270	Secondary Sealing Assembly for Mechanical Face Seal (Feng-Shi Wu, Christopher A. Kowalski, & Henri V. Azbert)	F	09/013635	26JA1998		

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DKT No.	TITLE	STATUS	APPLICATION NO.	APPLICATION DATE	PATENT NO.	DATE
CTH-0271	Split Mechanical Face Seal (Feng-Shi Wu, Christopher A. Kowalski, & Henri V. Azbert)	F	08/992753	17DE1997		
CTH-0272	Split Mechanical Face Seal with Negative Pressure Control System (Feng-Shi Wu, Marlen S. Clark, Bo Ruan & Henri V. Azbert)	F	08/992751	17DE1997		
CTH-0273	Fluidic Feedback Pressure Regulation System for a Mechanical Seal (Henri V. Azbert)	F	09/033538	02MR1998		
CTH-0276	Method and Apparatus for Optimizing Barrier Fluid Flow for Promoting Cool Running Of a Cartridge Dual Seal (Henri V. Azbert)	F	08/912558	18AU1997		

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DKT No.	TITLE	STATUS	APPLICATION NO.	APPLICATION DATE	PATENT NO.	DATE
CT11-0278	Split Mechanical Face Seal with Seal Face Fluid Introducing Structure (Feng-Shi Wu, Marlen S. Clark, Bo Ruan, & Henri V. Azbert)	F	08/992611	17DE1997		
CT11-0279	Split Mechanical Face Seal with Resilient Pivoting Member (Feng-Shi Wu, Marlen S. Clark, Bo Ruan, & Henri V. Azbert)	F	08/992613	17DE1997		
CT11-0292-1	Dual Seal Assembly (Michael P. Grimanis)	F	60/105818	27OC1998		
	Split Labyrinth Seal (R.E. Rockwood)				4,863,177	9/5/1989
	Braided High-Temperature Packing Comprising A Core of Folded Flexible Graphite Sheet (Robert D. LeDuc)				5,225,262	7/6/1993

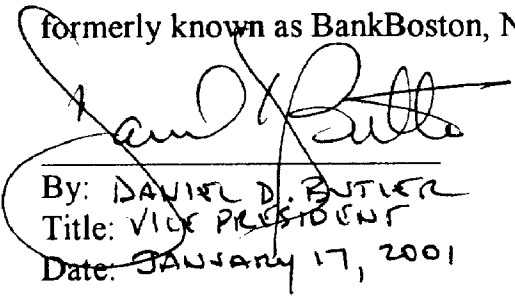
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DKT No.	TITLE	STATUS	APPLICATION NO.	APPLICATION DATE	PATENT NO.	DATE
	Braided High-Temperature Packing Comprising A Core of Folded Flexible Graphite Sheet (Robert D. LeDuc)				5,339,520	8/23/1994

**TERMINATION OF SECURITY INTEREST IN PATENTS AND TRADEMARKS**

Fleet Bank, N.A, formerly known as BankBoston, N.A. (the "Bank"), the holder of a security interest in certain patents and trademarks of A.W. Chesterton Company (the "Borrower") pursuant to a certain Collateral Assignment of Patents and Trademarks dated as of July 30, 1999 granted to the Bank by the Borrower and filed with the Assignment Division of the United States Patent and Trademark Office on August 20, 1999, at Reel/Frame: 010180/0424 (57 pages), hereby releases the same.

FLEET NATIONAL BANK  
formerly known as BankBoston, N.A.



By: DANIEL D. BUTLER  
Title: VICE PRESIDENT  
Date: JANUARY 17, 2001