	Docket No.:
FORM PTO-1595 (Modified) (I(ex. 6-93) OMB No. 0551-0011 (exp. 4/94) Copyright 1994-97 LegalStar POB/REVO2 Tab settings + + + 75 - 30 - 99 1011344	Patenhand Hademark Office
To the Honorable Commissioner of Paterns and Trademarks	rease record the parabled original documents or zopy thereof.
Name of conveying party(ies): W. L. Gore & Associates, Inc.	2 Name and address of receiving party(ies):
	Name: Gore Enterprise Holdings, Inc. Internal Address:
Additional names(s) of conveying party(ies)	
3. Nature of conveyance:	
🛚 Assignment 🗆 Merger	Street Address: 551 Paper Mill Road, P.O. Box 9206
☐ Security Agreement ☐ Change of Name	
Other	City: Newark State: DE ZIP: 19714
Execution Date: August 25, 1999	Additional name(s) & address(es) attached? Yes No
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)	B. Patent No.(s)
	See Attached
Additional numbers attac	hed? ☐ Yes ⊠ No
Name and address of party to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved:
Name: Darlene S. McGrath	7. Total fee (37 CFR 3.41)\$
Internal Address:	☐ Enclosed - Any excess or insufficiency should be credited or debited to deposit account
	Authorized to be charged to deposit account
Street Address: W. L. Gore & Associates, Inc.	
551 Paper Mill Road, P.O. Box 9206	8. Deposit account number:
City: Newark State: DE ZIP: 19714	07-1729
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01 FC:581 11640.00 CH	
Statement and signature. To the best of my knowledge and belief, the foregoing information of the original document.	ation is true and correct and any attached copy is a true copy
Darlene S. McGrath Darlene	SMGhH- August 26, 1999
Name of Person Signing Total number of pages including cover sh	Signature Date neet, attachments, and document:

PATENT REEL: 010175 FRAME: 0437 GOR_VA0257835

WLG-11-515_00257838

PTX-0375

SCHEDULE A

Patent #	Title
5,658,960	Polytetrafluoroethylene Molding Resin and Process
5,646,192	Polytetrafluoroethylene Molding Powder
5,712,315	Polytetrafluoroethylene Molding Resin and Processes
5,399,640	Polymerization of Liquid Tetrafluoroethylene in Aqueous Dispersion
5,403,900	Polymerization of Liquid Tetrafluoroethylene In Aqueous Dispersion
5,504,170	Aqueous Microemulsion Polymerization of Tetrafluoroethylene
5,616,648	Microemulsion of Polytetrafluoroethylene Particles
5,650,225	Three-Dimensional Seamless Waterproof Breathable Flexible Composite
7,000,000	Material
5,523,346	Seeded Microemulsion Polymerization for the Production of Small
	Polymer Particles
5,677,366	Seeded Microemulsion Polymerization for the Production of Small
	Polymer Particles
5,446,118	Fluorinated Acrylic Monomers Containing Urethane Groups and Their
0, 110, 170	Polymers
5,880,213	Microemulsion Polymerization Systems For the Production of Small
-,,	Polytetrafluoroethylene Polymer Particles
5,895,799	Microemulsion Polymerization Systems For the Production of Small
-,,	Polytetrafluoroethylene Polymer Particles
5,641,844	Polymers With Crystallizable Fluropolymers
5,772,755	Oriented Crystalline Materials
5,529,830	Two-Way Stretchable Fabric Laminate and Articles Made From It
5,804,011	Process of Making A Two-Way Stretchable Fabric Laminate and Articles
	Made From It
5,591,526	Expanded PTFE Fiber and Fabric and Method of Making Same
5,571,605	Expanded PTFE Fiber and Fabric and Method of Making Same
5,635,124	Method of Making An Improved Expanded PTFE Fiber
5,685,091	Sealed Waterproof Footwear
5,636,382	Protective Systems For Sensitive Skin
5,885,738	Method For Making and Using an Improved Durable Printable Sheet
5,750,242	Infra-Red Reflective Coverings
5,569,507	Protective Covers with Virus Impenetrable Seams
5,700,544	Protective Covers with Water and Air Impenetrable Seams
5,811,167	Packaged Insulation and Method of Making Same
5,660,918	Wash Durable Fabric Laminates
5,799,332	Hand Coverings
RE 34,890	Waterproof Shoe Construction
5,397,628	Laminated, Air Impermeable Cellular Rubber, Body Protection Material
5,597,020	With Porous, Expanded Ploytetrafluoroethylene Layer
5,386,616	A Water-Resistant Closure and Method for Applying Same
	Polyalkyleneimine Coated Material
5,391,426	Water-Resistant Closure
5,444,898	
5,418,054	Flame-Retardant, Waterproof and Breathable Expanded PTFE Laminate
5,426,869	Waterproof Shoe and Insole Strip
5,472,760	Vehicle Insulation

PATENT REEL: 010175 FRAME: 0438 GOR_VA0257836

5,480,455	Lining Material for Use with Prosthetics and Similar Devices And Method
	for Making and Using Same
5,658,354	Lining Material For Use with Prosthetic Devices
5,728,169	Lining Material For Use With Prosthetics and Similar Devices and Method for Making and Using Same
5,565,154	Method for Making Puffed Insulative Material
5,571,592	Puffed Insulative Material
5,928,414	Cleanable Filter Media and Filter Elements
D400,323	Filter For a Wet/Dry Vacuum Cleaner
D389,963	Filter For a Wet/Dry Vacuum Apparatus
5,795,358	Removable Deflector Boot For A Wet/Dry Vacuum Cleaner
5,593,482	Adsorbent Assembly For Removing Gaseous Contaminates
5,207,812 B1	Filter Cartridge
5,580,456	Filter Cap Affixed to A Filter Sleeve
5,417,743	Self-Adhesive Vent Filter and Adsorbent Assembly with a Diffusion Tube
5,891,402	Catalyst Retaining Apparatus and Use in An Ozone Filter
5,849,235	Catalyst Retaining Apparatus and Method of Making and Using Same
5,500,038	Non-particulating Compact Adsorbent Filter
5,527,569	Conductive Filter Laminate
5,522,155	Vented Vial Method of Minimizing Contamination For Freeze-Dried
	Products
5,732,837	Vented Vial Closure Member For Freeze-Drying Which Minimizes Contamination of Freeze-Dried Products
5,538,545	Nonparticulating Adsorbent Recirculating Filter
5,536,290	Pleated Cartridge Filter Attachment For Top Loading Filter Assemblies
5,639,369	Filter Element
5,620,669	Catalytic Filter Material and Method of Making Same
5,843,390	Method of Using a Catalytic Filter
5,783,086	Filter For a Wet/Dry Vacuum Cleaner for Wet Material Collection
5,596,814	Vented Vial Stopper for Processing Freeze-Dried Products
5,560,279	Pre-Failure Sensing Diaphragm
5,418,023	Metallized Microporous Polytetrafluoroethylene Electromagnetic Energy Shielding Gasketing
5,527,047	Fire Safe Spiral Wound Gasket with Expanded PTFE and Graphite Windings
5,494,301	Wrapped Composite Gasket Material
5,581,019	Gasket/Insertable Member and Method for Making and Using Same
5,492,336	O-Ring Gasket Material and Method for Making and Using Same
5,551,706	Composite Gasket for Sealing Flanges and Method For Making and Using Same
5,916,671	Reusable Resilent Gasket and Method of Using Same
5,472,214	Easily Centered Gasket for Raised Flanges
5,524,908	Multi-Layer EMI/RFI Gasket Shield
5,879,789	Rigid Sheet Polytetrafluoroethylene Gasket
5,792,525	Creep Resistant Shaped Article of Densified Expanded Polytetrafluoroethylene
D374,015	Gasket
D375,150	Gasket
5,560,986	Porous Polytetrafluoroethylene Sheet Composition

PATENT REEL: 010175 FRAME: 0439 GOR_VA0257837

5,437,900	Surface Modified Porous Expanded Polytetrafluoroethylene and Process for Making
5,462,781	Surface Modified Porous Expanded Polytetrafluoroethylene and Process for Making
5,746,856	Method of Ultrasonically Welding Articles of Porous Polytetrafluoroethylene
5,456,983	Composite Fiber of Commingled Fiberglass and Polytetrafluoroethylene and Method of Producing Same
5,549,966	Fabric of Commingled Fiberglass and Polytetrafluoroethyelene
5,667,611	Fabric of Commingled Fiberglass and Polytetrafluoroethylene and Method for Producing Same
5,539,047	Microemulsion Polymerization Systems and Coated Materials Made Therefrom
5,385,694	Microemulsion Polymerization Systems and Coated Materials Made Therefrom
5,460,872	Process For Coating Microporous Substrates and Products Therefrom
5,539,072	Fabric Laminates
5,708,044	Polytetrafluoroethylene Compositions
5,545,475	A Microfiber-Reinforced Porous Polymer Film and a Method For
0,010,110	Manufacturing the Same and Composites Made Thereof
5,476,589	Porous PTFE Film and a Manufacturing Method Therefor
5,547,551	Ultra-Thin Integral Composite Membrane
5,599,614	Integral Composite Membrane
5,635,041	Electrode Apparatus Containing An Integral Composite Membrane
5,781,342	High Light Diffusive and Low Light Absorbent Material and Method For Making and Using Same
5,814,405	Strong, Air Permeable Membranes of Polytetrafluoroethylene
5,838,406	Light Reflectant Surface of Expanded Polytetrafluoroethylene with Nodes and Fibrils for Backlit Liquid Crystal Display
5,689,364	Light Reflectant Surface For Photoinduction Chambers
5,892,621	Light Reflectant Surface For Luminaires
5,905,594	Light Reflectant Surface in a Recessed Cavity Substantially Surrounding
	A Compact Fluorescent Lamp
5,836,677	Retrofit Compact Fluorescent Lamp
5,800,908	Oil Delivery Sheet Material For Use in Various Printer Devices
5,788,770	Oil Delivery Sheet Material For Use in Various Printer Devices
5,566,691	Flossing Apparatus
D374,311	Dental Floss Holder
5,779,795	Low Surface Energy Fluid Metering and Coating Device
5,660,380	Vacuum Fixture and Method For Dimensioning and Manipulating Materials
5,800,661	Vacuum Fixture and Method for Dimensioning and Manipulating Materials
5,782,152	Vacuum Fixture and Method for Dimensioning and Manipulating Materials
5,870,937	Vacuum Fixture and Method for Dimensioning and Manipulating Materials
5,906,363	Vacuum Fixture and Method for Dimensioning and Manipulating Materials

PATENT REEL: 010175 FRAME: 0440 GOR_VA0257838

5000 000	
D382,668	Dental Floss Sachet
D399,126	Retractable Coaxial Cable Reel
5,582,194	Single Use Dental Floss Dispenser
D381,468	Dental floss Vial Dispenser
5,607,050	Vial Floss Dispenser
5,883,319	Strings for Musical Instruments
5,801,319	Strings For Musical Instruments
5,907,113	Strings for Musical Instruments
5,634,905	Apparatus For the Prevention of Retrograde Movement of Fluids During the Use of Air Eliminating Filters in Intravenous Therapy
5,765,447	Mechanical Cable System Having a Bellows Seal
5,671,833	Retractable Coaxial Cable Device
5,761,184	Vibration Damping Article
5,718,251	Dental Floss Article
5,765,576	Dental Floss Article and Method of Making Same
5,878,758	Dental Floss Article
5,848,600	Dental Floss Article
5,687,424	Hand Covering Having Anatomically Shaped Finger Tip
5,828,012	Protective Cover Assembly Having Enhanced Acoustical Characteristics
5,740,551	Multi-Layered Barrier Glove
D391,199	Bicycle Mechanical Cable Housing
D391,198	Bicycle Mechanical Cable Housing
D391,200	Bicycle Mechanical Cable Housing
D387,356	Satellite Dish Cover
5,746,221	Cold Formable Mouthguards
D387,979	Display Container For Dental Floss Packages
5,815,125	Satellite Dish Cover
D402,990	Satellite Dish Cover
5,353,626 B1	Mechanical Control Cable System
5,636,551	Mechanical Control Cable System
5,478,423	Method for Making A Printer Release Agent Supply Wick
5,690,739	Release Agent Supply Wick For Printer Apparatus and Method For
0,000,00	Making and Using Same
5,709,748	Release Agent Supply Wick For Printer Apparatus and Method For
-11.	Making and Using Same
5,471,906	Body Armor Cover and Method For Making the Same
5,570,987	Semiconductor Wafer Transport Container
5,536,342	Automated Gasket Applicator and Method of Using Same
D371,222	Floss Container
5,518,012	Expanded PTFE Floss Material and Method of Making Same
5,566,872	Vial Floss Dispenser
5,798,181	Fluropolymer Coated Elastomeric Rollers and Structures
5,744,241	Fluropolymer Coated Elastomeric Rollers and Structures
D374,744	Floss Holder
5,572,327	Remote Leak Detection Sensing Method and Device
5,573,021	Combined Flosser and Floss Dispenser Device
5,560,044	Hand Covering
5,566,405	Method of Manufacturing A Hand Covering
5,782,806	Medical Evacuation and Irrigation System

PATENT REEL: 010175 FRAME: 0441 GOR_VA0257839

5,879,366	Self-Expanding Defect Closure Device and Method of Making and Using
5,772,672	Endoscopic Suture Passer
	Needle Holder For a Suture Package
5,472,081	
5,628,782	Method of Making A Prosthetic Vascular Graft
5,716,395	Prosthetic Vascular Graft
5,700,287	Prosthetic Vascular Graft
5,910,168	Prosthetic Vascular Graft
5,466,252	Implantable Lead
5,609,622	Implantable Electrode with Conductive Polytetrafluoroethylene Electrode
5,858,505	Macroscopically Perforated Porous Polytetrafluoroethylene Materials
5,433,996	Laminated Patch Tissue Repair Sheet Material
5,614,284	Laminated Patch Tissue Repair Sheet Material
5,464,422	Suture Needle
5,718,973	Tubular Intraluminal Graft
5,735,892	Intraluminal Stent Graft
5,810,870	Intraluminal Stent Graft
5,700,285	Intraluminal Stent Graft
5,925,075	Intraluminal Stent Graft
5,620,763	Thinwall, Seamless, Porous Polytetrafluoroethylene Tube
5,450,860	Device For Tissue Repair and Method For Employing Same
5,899,942	Apparatus and Method For Protecting Prosthetic Joint Assembly From
<u> </u>	Wear Deris
5,762,600	Blood Contact Surfaces Employing Natural Subendothelial Matrix and Method of Making and Using the Same
5,776,182	Blood Contact Surfaces Employing Natural Subendothelial Matrix and Method of Making and Using the Same
5,716,394	Blood Contact Surfaces Using Extracellular Matrix Synthesized in Vitro
5,908,449	Improved Blood Contact Surfaces Using Extracellular Matrix
5,900,449	Synthesized in Vitro Having Bioactive Species Immobilized Thereto
E 070 202	
5,879,383	Blood Contact Surfaces Using Endothelium on a Subendothelial Matrix
5,584,876	Cell Excluding Sheath for Vascular Grafts
5,641,566	High Strength Porous PTFE Sheet Material
5,645,915	High Strength Porous PTFE Sheet Material
5,601,561	Guided Bone Rasp
5,879,353	Guided Bone Rasp
5,733,308	Surgical Pledget Dispensing System
5,647,380	Method of Making a Left Ventricular Assist Device
5,758,664	Method of Making a Left Ventricular Assist Device
5,800,522	Interior Liner for Tubes, Pipes and Blood Conduits
5,913,998	A Method of Making an Implantable Containment Apparatus For a Therapeutical Device
5,843,069	Implantable Containment Apparatus For a Therapeutical Device and Method for Loading and Reloading the Device Therein
5,626,561	Implantable Containment Apparatus For a Therapeutical Device and
〒1 〒〒1 〒1 10 10 10 10 10 10 10 1	Method for Loading and Reloading the Device Therein
5,787,900	A Method For Loading and Reloading a Therapeutical Device in a
0,707,300	Vascularized Implantable Containment Apparatus
5,752,934	Balloon Catheter Device
5,868,704	Balloon Catheter Device

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PATENT REEL: 010175 FRAME: 0443 GOR_VA0257841

	Electronic Device
5,613,870	Positive Latching Connector with Delatching Mechanism
D379,347	Positive Latching and Delatching Connector For Electrical Conductors
5,904,978	Electrically Conductive Polytetrafluoroethylene Article
5,682,098	Open Quadrature Whole Volume Imaging NMR Surface coil Array
	Including Three Figure-8 Shaped Surface Coils
5,615,293	Fiber Optic Cable Assembly for Facilitating the Installation
5,706,382	Signal Transmission Assembly Having Reduced-Friction and
	Concentrated Load Distribution Element For Synthetic Strength
	Members
5,920,671	Signal Transmission Assembly Having Reduced-Friction and
	Concentrated Load Distribution Element For Synthetic Strength
	Members
5,764,835	Fluoropolymer Fiber Reinforced Integral Composite Cable Jacket and
	Tubing
5,761,053	Faraday Cage
5,763,824	A Lid Assembly For Shielding Electronic Components From EMI/RFI
	Interferences
5,810,094	Head/Pre-Amp Ribbon Interconnect for Data Storage Devices
5,513,204	Long Wavelength Vertical Cavity Surface Emitting Laser With Integrated
0,010,201	Optical Pump
5,594,751	Current-Apertured Vertical Cavity Laser
5,879,961	Method For Increasing Laser Efficiency in a Vertical-Cavity Surface
	Emitting Laser
5,747,358	Method of Forming Raised Metallic Contacts on Electrical Circuits
5,786,270	Method of Forming Raised Metallic Contacts on Electrical Circuits for
0,.00,2.0	Permanent Bonding
5,754,578	1250-1650 NM Vertical Cavity Surface Emitting Laser Pumped By a
	700-1050 NM Vertical Cavity Surface Emitting Laser
5,738,936	Thermally Conductive Polytetrafluoroethylene Article
5,811,322	Broadband Backside Illuminated Mesfet with Collecting Mirolens
5,724,375	Vertical Cavity Surface Emitting Laser with Enhanced Second Harmonic
	Generation and Method of Making Same
5,918,108	Vertical Cavity Surface Emitting Laser with Enhanced Second Harmonic
-,-	Generation and Method of Making Same
5,731,073	Reusable, Selectively Conductive, Z-Axis, Elastomeric Composite
	Substrate
5,886,413	Reusable, Selectively Conductive, Z-Axis, Elastomeric Composite
, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Substrate
5,835,517	WDM Multiplexer-Demultiplexer Using Fabry-Perot Filter Array
5,812,571	High-Power Vertical Cavity Surface Emitting Laser Cluster
5,830,565	High Planarity and Low Thermal Coefficient of Expansion Base for Semi-
2,000,000	Conductor Reliability Screening
5,886,535	Wafer Level Burn-In Base Unit Substrate and Assembly
5,909,123	Method for Preforming Reliability Screening and Born in of Semi-
3,000,120	Conductor Wafers
5,766,979	Wafer Level Contact Sheet and Method of Assembly
5,896,038	Method of Wafer Level Burn-In
5,853,517	Method for Coining Solder Balls on an Electrical Circuit Package
0,000,017	Migridu for Conning Solder Dans on an Electrical Circuit Fackage

PATENT REEL: 010175 FRAME: 0444 GOR_VA0257842

5,882,459	Method for Aligning and Laminating Substrates to Stiffeners In Electrical Circuits
5,731,047	Multiple Frequency Processing to Improve Electrical Resistivity of Blind Micro-Vias
5,841,102	Multiple Pulse Space Processing to Enhance Via Entrance Formation at 355 NM
5,910,255	Method of Sequential Laser Processing to Efficiently Manufacture
0,0.0,200	Modules Requiring Large Volumetric Density Material Removal for
	Micro-Via Formation
5,868,950	Method to Correct Astigmatism of fourth Yag to Enable Formation of Sub
0,000,000	25 Micron Micro-Vias Using Masking Techiques
5,841,075	Method for Reducing Via Inductance in an Electronic Assembly and
0,041,010	Article
5,863,446	Electrical Means For Extracting Layer to Layer Registration
5,779,921	Method For Selectively Plating an Organic Substrate
5,833,759	Method For Preparing Vias For Subsequent Metallization
5,847,327	Dimensionally Stable Core for Use in High Density Chip Packages
	Constraining Ring For Use in Electronic Packaging
5,879,786	
5,879,787	Method and Apparatus for Improving Wireability in Chip Modules
5,888,631	Method For Minimizing Warp in the Production of Electronic Assemblies
5,888,630	Apparatus and Method for Unit Area Composition Control to Minimize
E 000 040	Warp in An Integrated Circuit Chip Package Assembly
5,900,312	Integrated Circuit Chip Package Assembly
5,838,063	Method of Increasing Package Reliability Using Package Lids with Plane
5 000 007	CTE Gradients
5,868,887	Method For Minimizing Warp and Die Stress in the production of an
	Electronic Assembly
5,778,523	Method For Controlling Warp of Electronic Assemblies by use of Package Stiffener
5,914,976	VCSEL-Based Multi-Wavelength Transmitter and Receiver Modules for
	Serial and Parallel Optical Links
5,910,354	Metallurgical Interconnect Composite
5,928,791	Method of Providing Low Dielectric Constant Material with Improved
	Dielectric Strength
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10 miles	

PATENT REEL: 010175 FRAME: 0445 GOR_VA0257843

PATENT ASSIGNMENT

WHEREAS, W. L. GORE & ASSOCIATES, INC., a Delaware Corporation, having a principal place of business at 555 Paper Mill Road, P.O. Box 9329, Newark, Delaware 19714 is the sole owner of the entire right and title to the U.S. Patents set forth in Schedule "A".

WHEREAS, GORE ENTERPRISE HOLDINGS, INC., of 551 Paper Mill Road, P.O. Box 9206, Newark, Delaware 19714 is desirous of acquiring the entire interest in the same.

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN, be it known that for good and valuable consideration given to W. L. Gore & Associates, Inc., the receipt of which is hereby acknowledged, W. L. Gore & Associates, Inc., have sold, assigned and transferred, and by these presents do sell, assign and transfer unto Gore Enterprise Holdings, Inc., the whole right, title and interest in and to the patents set forth in Schedule "A" hereto attached.

IN TESTIMONY WHEREOF, I have hereunto set my hand this day of day of day of 1999.

A. Holliday Williams, Assistant Secretary

County of New Castle State of Delaware

Subscribed and sworn to before me this -

day of lugar, 19

Notary Public

My Commission Expires:

RECORDED: 08/30/1999

PATENT REEL: 010175 FRAME: 0446 GOR_VA0257844