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Tab settings



101922159

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

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

1. Name of conveying party(ies):

Bridgestone/Firestone Research, LLC

12.13.01

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

3. Nature of conveyance:

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

Execution Date: 11/30/2001 12:07 PM

2. Name and address of receiving party(ies)

Name: Bridgestone/Firestone North American Tire, LLC

Internal Address: _____

Street Address: 50 Century Boulevard

City: Nashville State: TN Zip: 37214

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) See Attached

B. Patent No.(s) See Attached

Additional numbers attached? ☒ Yes ☐ No

4434832

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

Name: John H. Hornickel

Internal Address: Bridgestone/Firestone Americas
Holding, Inc.

Street Address: 1200 Firestone Parkway

City: Akron State: OH Zip: 44317-0001

6. Total number of applications and patents involved: 422

7. Total fee (37 CFR 3.41).....\$ 16,880.00

- ☐ Enclosed
☒ Authorized to be charged to deposit account

8. Deposit account number:

06-0925

DO NOT USE THIS SPACE

9. Signature.

John H. Hornickel

Name of Person Signing

John H. Hornickel
Signature

10 DECEMBER 2001

Date

Total number of pages including cover sheet, attachments, and documents: 20

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents & Trademarks, Box Assignments
Washington, D.C. 20231

12/19/2001 LMUELLER 00000233 060925 4434832

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PATENT
REEL: 012333 FRAME: 0690

ASSIGNMENT
FROM
BRIDGESTONE/FIRESTONE RESEARCH, LLC
TO
BRIDGESTONE/FIRESTONE NORTH AMERICAN TIRE, LLC

Page 1

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TO
BRIDGESTONE/FIRESTONE NORTH AMERICAN TIRE, LLC

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FROM
BRIDGESTONE/FIRESTONE RESEARCH, LLC
TO
BRIDGESTONE/FIRESTONE NORTH AMERICAN TIRE, LLC

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D446754	09/537916	09/943915	60/316623
	09/539856	09/943916	

Assignment of United States Patents and Patent Applications

WHEREAS, Bridgestone/Firestone Research, LLC, a Delaware Limited Liability Company (hereinafter "Assignor"), having a principal place of business at 1659 South Main Street, Akron, Ohio 44301, is the sole owner of the entire right, title, and interest in and to the United States Letters Patents and applications for Letters Patent described in Exhibit A attached hereto and made a part hereof (hereinafter "Patents"); and

WHEREAS, Bridgestone/Firestone North American Tire, LLC, a Delaware Limited Liability Company (hereinafter "Assignee"), having a principal place of business at 1 Bridgestone Park, Nashville, Tennessee 37214 desires to acquire the entire right, title and interest in and to the Patents;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, the Assignor has sold, assigned and transferred, and by these presents does hereby sell, assign, and transfer, Assignor's entire right, title and interest in and to the Patents, the inventions disclosed therein and all reissues, reexaminations, and extensions thereof, all said rights to be held and enjoyed by the Assignee for its own use and for the use of its successors, assigns or other legal representatives, to the full end of the term for which the Patents have been or will be granted, reexamined, extended or reissued, as fully and entirely as the same would have been held and enjoyed by the Assignor if this assignment and transfer had not been made, and Assignor hereby assigns any and all claims and causes of action for infringement of such Patents which have accrued up to and including the date of this Assignment, including all rights to recover damages and injunctive relief in respect to such infringement.

Assignor further agrees that Assignor will, without demanding any further consideration therefor, at the request but at the expense of Assignee, do all lawful and just acts, including the execution and acknowledgement of instruments, that may be or become necessary for obtaining, sustaining, reexamining or reissuing the Patents and for maintaining and perfecting Assignee's right to the Patents and Technology.

IN WITNESS WHEREOF, Bridgestone/Firestone Research, LLC has caused these presents to be signed by its duly authorized officer below named.

Bridgestone/Firestone Research, LLC

By: John H. Hornickel

Title: Secretary

Date and Time: 30 November 2001
12:07 PM

State of IL)

County of Clark) ss.:

On this 11/30/2001, before me, a Notary Public, personally appeared John H. Hornickel, to me known to be Secretary of Bridgestone/Firestone Research, LLC and also known to me to be the person who executed the foregoing assignment on behalf of Bridgestone/Firestone Research, LLC and acknowledged to me that such company executed the same.

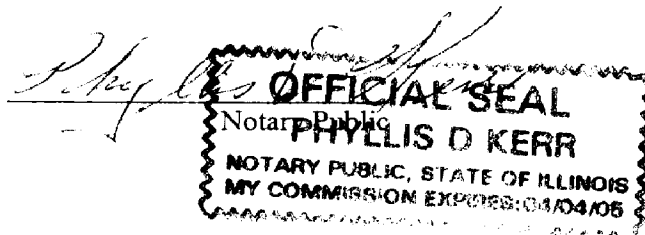


Exhibit A

Patent No.	Issue Date	Title
4434832	06MR1984	ROOM TEMPERATURE CURABLE TIRE PATCH
4443290	17AP1984	WORK STATION
4454000	12JE1984	MOTORIZED TOOL FOR JOINING SELF ADHESIVE PLIES OF UNVULCANIZED RUBBER
4465829	14AU1984	ELASTOMERIC COMPOSITION COMPRISING NATURAL RUBBER FOR USE UNDER DYNAMIC, HIGH
4469450	04SE1984	AN ELECTROACOUSTIC METHOD FOR NONDESTRUCTIVELY MONITORING THE INTERNAL
4485135	27NO1984	AMBIENT TEMPERATURE CURE OF ELASTOMERIC ARTICLES HAVING A DEFORMITY THEREIN
4485136	27NO1984	AMBIENT TEMPERATURE REPAIR OF ELASTOMERIC ARTICLES HAVING A HOLLOW THEREIN
4495326	22JA1985	RUBBER COMPOUNDS CONTAINING ZINC DIMETHACRYLATE
4500466	19FE1985	METHOD FOR PREPARING A ZINC DIMETHACRYLATE POWDER HAVING A SPECIFIC SURFACE AREA
4529770	16JL1985	VULCANIZABLE POLYMERIC COMPOSITIONS CONTAINING ZINC DIMETHACRYLATE & FILLERS
4556382	03DE1985	DIE ASSEMBLY FOR TIRE TREAD EXTRUDATE
4562730	07JA1986	METHOD AND APPARATUS FOR DYNAMIC BALANCE DETECTION OF A CALENDER STRIP
4578024	25MR1986	COEXTRUSION APPARATUS
4608890	02SE1986	METHOD OF CUTTING ELASTOMERIC MATERIAL
4618519	21OC1986	TIRE REPAIR BY "PATCH ONLY" METHOD COMBW D8501004
4657718	14AP1987	COEXTRUSION METHOD
4663889	12MY1987	APPARATUS AND METHOD FOR GRINDING SIDEWALL AREAS OF TIRES
4713409	15DE1987	VULCANIZABLE POLYMERIC COMPOSITIONS CONTAINING A ZINC DIMETHACRYLATE ADJUVANT
4718469	12JA1988	PREFORMED PLUG TIRE REPAIR
4720526	19JA1988	CURED RUBBER COMPOSITIONS OF HIGH MODULUS
4726861	23FE1988	METHOD AND DEVICE FOR AUTOMATICALLY CENTERING AND FEEDING BEADS ONTO A TIRE
4728274	01MR1988	TIRE CURING SYSTEM
4732196	22MR1988	ELASTOMER ARTICLE WITH AMINE CURABLE LAYER OF POLYMER
4741682	03MY1988	TIRE MOLDING PRESS
4747765	31MY1988	MOBILE TIRE CURING UNIT
4753707	28JE1988	TWIN ROTARY DRUM TIRE MANUFACTURING UNIT
4765852	23AU1988	TIRE REPAIR BY "PATCH ONLY" METHOD
4776909	11OC1988	METHOD FOR MAKING COEXTRUDED SEAMLESS TUBULAR TIRE BODIES FOR USE IN

Exhibit A		
Patent No.	Issue Date	Title
		PNEUMATIC
4787150	29NO1988	FIXTURE FOR CHECKING THE ALIGNMENT OF A LOADWHEEL WITH THE SPINDLE OF A TIRE
4788229	29NO1988	PROCESS, MODIFIED RUBBERSAND RUBBER COMPOSITIONS
4824515	25AP1989	PLY APPLICATOR SEEDIV764804(8/ 12/85)
4857123	15AU1989	METHOD FOR PLY APPLICATION
4858505	22AU1989	PIVOTABLE KNIFE
4874443	17OC1989	METHOD FOR APPLYING ELASTOMERIC MATERIAL ON TO A DRUM
4877468	31OC1989	HOT TIRE FORMING METHOD
4887501	19DE1989	STABILIZER PLY TRIMMER
4892473	09JA1990	HEAD FOR EXTRUSION OF ELASTOMERIC CONTOUR INNERLINER
4902372	20FE1990	INNERLINER APPLICATOR
4904319	27FE1990	METHOD OF ULTRASONIC SPLICING TIRE TREAD STRIP EDGES
4925894	15MY1990	ELASTOMER COMPOSITIONS FOR TIRE TREADS HAVING LOW ROLLING RESISTANCE AND GOOD
4929684	29MY1990	STIFF SIDEWALLS FOR PNEUMATIC TIRES
4930560	05JE1990	RADIAL TIRE FOR MOTOR VEHICLES
4948354	14AU1990	EXTRUSION HEAD FOR PRODUCING SHEET MATERIAL REINFORCED INTERNALLY WITH
4982836	08JA1991	CONVEYOR BELT AND GUIDING SYSTEM THEREFOR
4987192	22JA1991	COLOR TIRE STOCKS HAVING ABRASION RESISTANCE, COLOR AND COLOR STABILITY
4987808	29JA1991	TUBULAR SLEEVE HANDLING AND CUT-OFF SYSTEM
4995531	26FE1991	RING DISPENSER
5001171	19MR1991	PROCESS, MODIFIED RUBBERSAND RUBBER COMPOSITIONS
5004635	02AP1991	CONTOURED LINER FOR PREASSEMBLED TIRE COMPONENTS
5045376	03SE1991	REINFORCED POLYMERIC ARTICLE
5062782	05NO1991	COEXTRUSION APPARATUS FOR VARYING THE INNER AND/OR OUTER PROFILE OF A TUBULAR
5066729	19NO1991	DIENE POLYMERS AND COPOLYMERS TERMINATED BY REACTION WITH N-ALKYL AND N-ARYL
5069850	03DE1991	COEXTRUSION APPARATUS AND METHOD USING A RIGID DIE FOR VARYING THE OUTER PROFILE
5080835	14JA1992	POLYMETALATED 1-ALKYNE COMPOSITIONS
5098768	24MR1992	FLEXIBLE REINFORCED POLYMERIC MATERIAL

Exhibit A

Patent No.	Issue Date	Title
5099902	31MR1992	OFFSET WOUND HELICAL BEAD FOR PNEUMATIC TIRES
5100490	31MR1992	BEAD REINFORCEMENT CONSTRUCTION
5108682	28AP1992	COEXTRUSION APPARATUS AND METHOD USING AN ELASTIC DIE FOR VARYING THE OUTER
5109907	05MY1992	DIENE POLYMERS AND COPOLYMERS TERMINATED BY REACTION WITH N- ALKYL AND N-ARYL
5114512	19MY1992	BEAD FILLER CONSTRUCTION
5120206	09JE1992	A METERING GEAR PUMP OPTIMALLY SUITED FOR PRECISION EXTRUSION OF RUBBER TIRE
5128084	07JL1992	COEXTRUSION APPARATUS AND METHOD FOR VARYING THE INNER PROFILE OF A TUBULAR
5131971	21JL1992	APPARATUS FOR MAKING A REINFORCED FABRIC FROM A RIBBON OF UNCURED ELASTOMERIC
5141588	25AU1992	LATERALLY STABILIZED INFLATABLE BEAD TURN-UP BLADDER FOR TIRE BUILDING DRUM
5141590	25AU1992	APPARATUS FOR MANUFACTURING AND FEEDING TIRE BEADS ON TO AN AUTOMOTIVE TIRE
5147951	15SE1992	ULTRA HIGH MOLECULAR WEIGHT COPOLYMERS OF CONJUGATED DIENES AND AROMATIC VINYL
5153159	06OC1992	ELASTOMERS AND PRODUCTS HAVING REDUCED HYSTERESIS
5153271	06OC1992	DIENE POLYMERS AND COPOLYMERS TERMINATED BY REACTION WITH AROMATIC NITRILES
5186950	16FE1993	CURING DEVICE
5186951	16FE1993	CURING DEVICE FOR TIRES
5188846	23FE1993	TIRE INNERSTITCHING MOLD
5192390	09MR1993	MANDREL MEANS
5201975	13AP1993	TIRE MANUFACTURE
5209793	11MY1993	LOW NOISE PNEUMATIC TIRE TREAD WITH VOIDS BALANCED OVER EACH HALF TREAD REGION
5210145	11MY1993	DIENE POLYMERS AND COPOLYMERS TERMINATED BY REACTION WITH FUSED-RING
5211787	18MY1993	METHOD FOR IMPROVING THE AGING RESISTANCE OF THE SIDEWALLS OF RETREADED TIRES
5217549	08JE1993	PNEUMATIC SAFETY TIRE
5219589	15JE1993	VENTED KNEADING PIN FOR EXTRUDER
5221510	22JE1993	METHOD FOR FORMING CURING ENVELOPE
5221541	22JE1993	EXTRUDER HEAD FOR ELASTOMERIC MATERIAL
5227431	13JL1993	DIENE POLYMERS AND COPOLYMERS JUMPED BY PARTIAL CROSSLINKING AND TERMINATED
5228941	20JL1993	DEVICE FOR SPLICING SELF- ADHESIVE CRUDE RUBBER SHEET MATERIAL
5241008	31AU1993	PROCESS FOR PRODUCING CONTINUOUSLY TAPERED POLYMERS AND COPOLYMERS AND

Exhibit A		
Patent No.	Issue Date	Title
5244717	14SE1993	TIRE FABRIC WITH POLYESTER/ HIGH WET MODULUS RAYON FILLING
5256350	26OC1993	METHOD AND DEVICE FOR MANUFACTURING TURN-UP BLADDERS
5259746	09NO1993	EXTRUSION HEAD DIE CORD GUIDE ASSEMBLY
5262115	16NO1993	METHOD AND DEVICE FOR MOLDING BEAD FILLERS
5268413	07DE1993	ELASTOMERS AND PRODUCTS HAVING REDUCED HYSTERESIS
5268439	07DE1993	TIN CONTAINING ELASTOMERS AND PRODUCTS HAVING REDUCED HYSTERESIS PROPERTIES
5272203	21DE1993	HIGH PERFORMANCE TIRE TREADS AND TIRES
5294973	15MR1994	METHOD AND APPARATUS FOR DETERMINING BODY PLY CORD DISTRIBUTION
5300180	05AP1994	MAGNETIC TIRE BEAD SETTER
5310798	10MY1994	DIENE POLYMERS AND COPOLYMERS TERMINATED WITH COMPOUNDS HAVING
5334665	02AU1994	LIQUID DIENE POLYMERS AND COPOLYMERS TERMINATED BY REACTION WITH FUSED-RING
5346378	13SE1994	APPARATUS FOR FORMING A CURING ENVELOPE
5346962	13SE1994	ELASTOMERS HAVING REDUCED HYSTERESIS PREPARED WITH VINYL IMIDAZOLE
5349024	20SE1994	ELASTOMERS HAVING REDUCED HYSTERESIS PREPARED WITH VINYL POLYCYCLIC AROMATIC
5354822	11OC1994	METHOD FOR PREPARING FUNCTIONALIZED POLYMER AND ELASTOMERIC COMPOUND HAVING
5367014	22NO1994	HIGH MODULUS LOW HYSTERESIS RUBBER COMPOUND FOR PNEUMATIC TIRES
5405484	11AP1995	TIRE BUILDING DRUM
5417900	23MY1995	VACUUM LEAK DETECTOR FOR A TIRE CURING PRESS
5439041	08AU1995	VEHICLE TIRE INCLUDING LIGHTWEIGHT STIFFENING SPACER IN EACH SIDEWALL (AS AMENDED)
5443667	22AU1995	TREAD CONSOLIDATOR
5448910	12SE1995	THE PORTABLE UNIFORMITY MEASUREMENT SYSTEM (PUMS)
5474645	12DE1995	APPARATUS FOR APPLYING PRREMOLDED TIRE SIDEWALL APPLIQUES
5479974	02JA1996	NOISE-REDUCTION SYSTEM FOR VEHICLE TIRES
5500065	19MR1996	METHOD OF EMBEDDING A MONITORING DEVICE WITHIN A TIRE DURING MANUFACTURE
5524804	11JE1996	LOCK-OUT DEVICE FOR STRIP GUIDE APPARATUS
5527499	18JE1996	PRESSURE EQUILIZATION PROCESS
5536464	16JL1996	APPARATUS AND METHOD FOR CURING ENDLESS RUBBER TRACK
5551619	03SE1996	TREAD STRIP CENTERING GUIDE FOR TIRE BUILDING MACHINES

Exhibit A		
Patent No.	Issue Date	Title
5561244	01OC1996	METHOD AND APPARATUS FOR MEASURING THE DYNAMIC CAMBER OF VEHICLE TIRES
5562787	08OC1996	METHOD OF MONITORING CONDITIONS OF VEHICLE TIRES (AS AMENDED)
5573610	12NO1996	TIRES CONTAINING A MONITORING DEVICE FOR MONITORING AN ENGINEERING CONDITION
5573611	12NO1996	METHOD OF MONITORING CONDITIONS OF VEHICLE TIRES AND TIRES CONTAINING A
5705007	06JA1998	METHOD FOR FORMING CORD-REINFORCED ELASTOMERIC STRIPE (AS AMENDED)
5717042	10FE1998	PROCESS FOR PREPARING DIENE OLIGOMERS AND COPOLYMERIC OLIGOMERS
5730910	24MR1998	METHOD FOR PREPARING POLYMETALATED COMPOSITIONS
5769980	23JE1998	PNEUMATIC SAFETY TIRE (RUN FLAT PHASE III)
5773717	30JE1998	APPARATUS & RELATED METHODS FOR DETERMINING LATERAL TIRE TREAD STIFFNESS (AS
5777219	07JL1998	APPARATUS AND RELATED METHODS FOR AUTOMATICALLY TESTING AND ANALYZING TIRES
5789668	04AU1998	APPARATUS AND RELATED METHODS OF OBTAINING TIRE PROFILES INCLUDING THE TREAD BOTH
5817197	06OC1998	A MULTIPLE LINK TIRE BELT DESIGN
5865921	02FE1999	TIRE NOISE TREATMENT
5872171	16FE1999	SILICA CONTAINING TIRE COMPOSITION FOR SUPPRESSION OF STATIC CHARGE ACCUMULATION
5879484	09MR1999	RUN FLAT BANDED PNEUMATIC TIRE
5882450	16MR1999	RADIAL TIRE/WHEEL ASSEMBLY FOR HIGH BRAKE HEATE GENERATED SERVICE
5900531	04MY1999	PORTABLE UNIVERSAL FRICTION TESTING MACHINE AND METHOD
5960844	05OC1999	METHOD AND APPARATUS FOR MONITORING CONDITIONS OF A VEHICLE TIRE
5977870	02NO1999	METHOD AND APPARATUS FOR TRANSMITTING STORED DATA AND ENGINEERING CONDITIONS
6012500	11JA2000	BLADDERLESS FORMER SLEEVE
6030478	29FE2000	METHOD AND APPARATUS FOR REMOVABLY INSERTING AN
6062552	16MY2000	PREASSEMBLY CUTTER CLAMP FOR USE DURING TIRE PRODUCTION
6067848	30MY2000	PORTABLE RUNOUT MEASUREMENT SYSTEM AND METHOD
6082192	04JL2000	NON-ATTACHED MONITORING ASSEMBLY FOR PNEUMATIC TIRE
6112167	29AU2000	TIRE TREAD NOISE TREATMENT
6112971	05SE2000	BAND ELEMENT FOR PNEUMATIC TIRE
6117258	12SE2000	BAND ELEMENT AND METHOD FOR BUILDING SAME FOR A RUN FLAT BANDED TIRE

Exhibit A		
Patent No.	Issue Date	Title
6123130	26SE2000	TIRE HAVING IMPROVED WET STOPPING CAPABILITY
6139121	31OC2000	UP RATIO FOR POSITIVE DRIVE RUBBER TRACK
6148885	21NO2000	PNEUMATIC TIRE WITH BAND ELEMENT (AS AMENDED)
6155110	05DE2000	METHOD FOR PREDICTING TIRE PERFORMANCE ON RAIN GROOVE ROADWAYS
6161430	19DE2000	DEVICE TO ENCAPSULATE A SUBSTRATE CONTAINING SENSITIVE ELECTRONIC COMPONENTS AND
6191206	20FE2001	SILICA CONTAINING TIRE COMPOSITION FOR SUPPRESSION OF STATIC CHARGE ACCUMULATION
6199424	13MR2001	PORTABLE UNIVERSAL FRICTION TESTING MACHINE AND METHOD
6208244	27MR2001	COMBINATION MONITORING DEVICE AND PATCH FOR A
6244104	12JE2001	METHOD FOR PREPARING AN INNERLINER OF A PNEUMATIC TIRE
6260593	17JL2001	RACE TIRE CONTAINING BAND ELEMENT
6265454	24JL2001	RUBBER COMPOSITIONS CONTAINING GROUND TIRE RUBBER
6274680	14AU2001	SULFENYL HALIDE POLYMERIZATION TERMINATORS
6309494	30OC2001	METHOD OF ATTACHING SENSITIVE ELECTRONIC
6312539	06NO2001	TIRE TAG PROTECTOR
6321808	27NO2001	EXPANDABLE BAND FOR FUN FLAT TIRE AND METHOD OF MAKING
D294133	09FE1988	TIRE
D294135	09FE1988	TIRE
D295035	05AP1988	VEHICLE TIRE
D299328	10JA1989	TIRE
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D299331	10JA1989	TIRE
D299711	07FE1989	TIRE
D301857	27JE1989	TIRE
D302961	22AU1989	TIRE
D304562	14NO1989	TIRE
D304917	05DE1989	TIRE FOR VEHICLE
D304918	05DE1989	TIRE FOR VEHICLE

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D304919	05DE1989	TIRE FOR VEHICLE
D306844	27MR1990	TIRE
D306845	27MR1990	VEHICLE TIRE
D306846	27MR1990	TIRE
D306847	27MR1990	TIRE
D308188	29MY1990	VEHICLE TIRE
D308189	29MY1990	VEHICLE TIRE
D312230	20NO1990	TIRE
D312231	20NO1990	TIRE
D312232	20NO1990	TIRE
D312233	20NO1990	TIRE
D312603	04DE1990	TIRE
D316388	23AP1991	TIRE
D321852	26NO1991	TIRE
D322951	07JA1992	TIRE
D328271	28JL1992	TIRE
D329031	01SE1992	TIRE
D329411	15SE1992	TIRE
D333285	16FE1993	TIRE FOR VEHICLE
D335483	11MY1993	TIRE
D335840	25MY1993	TIRE
D336066	01JE1993	TIRE
D336269	08JE1993	TRUCK TIRE
D339559	21SE1993	TIRE
D341804	30NO1993	ASYMMETRIC TIRE
D345723	05AP1994	TIRE
D345951	12AP1994	TIRE
D354466	17JA1995	TIRE
D354467	17JA1995	TIRE
D362211	12SE1995	TIRE
D362222	12SE1995	TIRE
D364594	28NO1995	TIRE

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D365061	12DE1995	SUPER TIRE
D365789	02JA1996	TIRE
D366018	09JA1996	TIRE
D366233	16JA1996	TIRE
D368450	02AP1996	TIRE TREAD
D368451	02AP1996	TIRE
D370441	04JE1996	TIRE
D370442	04JE1996	TIRE
D370443	04JE1996	TIRE
D374644	15OC1996	TIRE
D375709	19NO1996	TIRE
D377330	14JA1997	TIRE TREAD
D379336	20MY1997	TIRE TREAD
D379337	20MY1997	TIRE TREAD
D379338	20MY1997	TIRE TREAD
D379339	20MY1997	TIRE TREAD
D379790	10JE1997	TIRE TREAD
D380998	15JL1997	TIRE
D381944	05AU1997	TIRE TREAD
D382236	12AU1997	TIRE TREAD
D384614	07OC1997	TIRE TREAD
D384617	07OC1997	TIRE
D384618	07OC1997	TIRE TREAD
D384918	14OC1997	TIRE TREAD
D386453	18NO1997	TIRE TREAD
D386454	18NO1997	TIRE TREAD
D387312	09DE1997	TIRE TREAD
D387713	16DE1997	TIRE TREAD
D390513	10FE1998	TIRE TREAD
D390514	10FE1998	TIRE TREAD
D390516	10FE1998	TIRE TREAD
D390517	10FE1998	TIRE TREAD

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D390559	10FE1998	TIRE TREAD
D390816	17FE1998	TIRE TREAD
D390819	17FE1998	TIRE TREAD
D390820	17FE1998	TIRE TREAD
D391208	24FE1998	TIRE TREAD
D394030	05MY1998	TIRE TREAD
D394622	26MY1998	TIRE TREAD
D395264	16JE1998	TIRE TREAD
D396674	04AU1998	TIRE TREAD
D400130	27OC1998	TIRE TREAD
D400135	27OC1998	TIRE TREAD
D400138	27OC1998	TIRE TREAD
D400831	10NO1998	TIRE TREAD
D400834	10NO1998	TIRE TREAD
D402242	08DE1998	TIRE TREAD
D402246	08DE1998	TIRE TREAD
D403629	05JA1999	TIRE TREAD
D403631	05JA1999	TIRE TREAD
D403632	05JA1999	TIRE TREAD
D404694	26JA1999	TIRE TREAD
D415454	19OC1999	TIRE TREAD
D415984	02NO1999	TIRE TREAD
D416217	09NO1999	TIRE
D416218	09NO1999	TIRE TREAD
D416523	16NO1999	TIRE TREAD
D418455	04JA2000	TIRE TREAD
D418783	11JA2000	TIRE TREAD
D419116	18JA2000	TIRE TREAD
D419118	18JA2000	TIRE TREAD
D419500	25JA2000	TIRE TREAD
D419927	01FE2000	TIRE TREAD
D419928	01FE2000	TIRE TREAD

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D420626	15FE2000	TIRE TREAD
D420627	15FE2000	TIRE TREAD
D420629	15FE2000	TIRE TREAD
D421416	07MR2000	TIRE TREAD
D421582	14MR2000	TIRE
D421733	21MR2000	TIRE TREAD
D423423	25AP2000	TIRE TREAD
D429190	08AU2000	TIRE TREAD
D429191	08AU2000	TIRE TREAD
D429192	08AU2000	TIRE TREAD
D430081	29AU2000	TIRE TREAD
D430082	29AU2000	TIRE TREAD
D430514	05SE2000	TIRE TREAD
D430515	05SE2000	TIRE TREAD
D430516	05SE2000	TIRE TREAD
D430517	05SE2000	TIRE TREAD
D430518	05SE2000	SURFACE PATTERN FOR TIRE SIDEWALL
D430827	12SE2000	TIRE TREAD
D430828	12SE2000	TIRE TREAD
D430830	12SE2000	TIRE TREAD
D430831	12SE2000	TIRE
D430832	12SE2000	TIRE TREAD
D430833	12SE2000	TIRE TREAD
D430834	12SE2000	TIRE TREAD
D431214	26SE2000	TIRE TREAD
D432060	17OC2000	TIRE SHOULDER REGION
D432467	24OC2000	TIRE TREAD
D433969	21NO2000	TIRE TREAD
D436063	09JA2001	TIRE TREAD
D437264	06FE2001	TIRE TREAD
D437809	20FE2001	TIRE TREAD
D440529	17AP2001	TIRE TREAD

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D441697	08MY2001	TIRE TREAD
D442126	15MY2001	TIRE TREAD
D442127	15MY2001	TIRE TREAD
D442128	15MY2001	TIRE SHOULDER REGION
D442525	22MY2001	TIRE TREAD
D442526	22MY2001	TIRE TREAD
D444106	26JE2001	TIRE TREAD
D445069	17JL2001	TIRE TREAD
D445369	24JL2001	TIRE TREAD
D445370	24JL2001	TIRE TREAD
D445371	24JL2001	TIRE TREAD
D445372	24JL2001	TIRE TREAD
D445374	24JL2001	TIRE TREAD
D445375	24JL2001	TIRE TREAD
D445377	24JL2001	TIRE TREAD
D445378	24JL2001	TIRE TREAD
D445379	24JL2001	TIRE TREAD
D445380	24JL2001	TIRE TREAD
D445381	24JL2001	TIRE TREAD
D445728	31JL2001	TIRE TREAD
D445731	31JL2001	TIRE TREAD
D445732	31JL2001	TIRE TREAD
D445733	31JL2001	TIRE TREAD
D446172	07AU2001	TIRE TREAD
D446174	07AU2001	TIRE TREAD
D446480	14AU2001	TIRE TREAD
D446481	14AU2001	TIRE TREAD
D446482	14AU2001	TIRE TREAD
D446754	21AU2001	TIRE TREAD
D447446	04SE2001	TIRE TREAD
D447447	04SE2001	TIRE TREAD
D447448	04SE2001	TIRE TREAD

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D447449	04SE2001	TIRE SHOULDER REGION
D447724	11SE2001	TIRE TREAD
D447987	18SE2001	TIRE TREAD
D448328	25SE2001	TIRE TREAD
D449801	30OC2001	TIRE TREAD
D449802	30OC2001	TIRE TREAD
D449803	30OC2001	TIRE TREAD
D449815	30OC2001	TIRE TREAD
D348423	05JL1994	TIRE
D449571	23OC2001	TIRE TREAD
D450270	13NO2001	TIRE TREAD
D450271	30OC2001	TIRE TREAD
D450273	13NO2001	TIRE TREAD
D450636	20NO2001	TIRE TREAD
D451057	27NO2001	TIRE TREAD
D451059	27NO2001	TIRE TREAD

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09/265212	10MR1999	SOLID SILICA COUPLING AGENT COMPOSITES IN SILICA RUBBER
09/301781	29AP1999	COMBINATION MONITORING DEVICE AND PATCH FOR A PNEUMATIC TIRE
09/302070	29AP1999	RADIAL DIPOLE ANTENNA FOR TIRE TAG
09/318244	07SE2001	NON-MARKING TREAD
09/384351	27AU1999	LARGE SIZED CARBON BLACK PARTICLES TO REDUCE NEEDED MIXING ENERGY OF HIGH
09/384649	27AU1999	RUBBER COMPOSITIONS CONTAINING GROUND CURING BLADDER RUBBER
09/455977	06DE1999	METHOD AND APPARATUS FOR REMOVABLY INSERTING AN
09/492205	27JA2000	PNEUMATIC TIRE HAVING MULTIPLE MODULUS BODY CORD TO REDUCE ROLLING RESISTANCE
09/503285	14FE2000	PORTABLE UNIVERSAL FRICTION TESTING MACHINE AND METHOD
09/507168	18FE2000	BAND ELEMENT AND METHOD FOR BUILDING SAME FOR A RUN FLAT BANDED TIRE
09/512740	24FE2000	BAND ELEMENT FOR PNEUMATIC TIRE AND METHOD OF MAKING SAME
09/522431	09MR2000	METHOD OF PROVIDING ELECTRICAL POWER TO AN EMBEDDED ELECTRONIC DEVICE IN A TIRE
09/537657	29MR2000	EXPANDABLE BAND FOR RUN FLAT TIRE AND METHOD OF MAKING
09/537916	29MR2000	MULTI-REGION BAND ELEMENT FOR RUN FLAT TIRE
09/539856	31MR2000	ATTACHMENT PATCH FOR MOUNTING AN ELECTRONIC MONITORING DEVICE TO THE INSIDE OF A
09/564165	03MY2000	DEVICE FOR MEASURING SURFACE PROJECTIONS ON SIDEWALLS OF PNEUMATIC TIRES
09/587841	06JE2000	BAND ELEMENT FOR PNEUMATIC TIRE
09/588192	06JE2000	APPARATUS AND METHOD OF PROVIDING ELECTRICAL POWER TO AN ACTIVE
09/594117	14JE2000	RUN FLAT PNEUMATIC TIRE AND BAND ELEMENT THEREFOR
09/607070	29JE2000	RUNFLAT TIRE WITH CANTILEVER-LIKE SIDEWALL CONSTRUCTION
09/608425	30JE2000	NON-ATTACHED MONITORING ASSEMBLY FOR PNEUMATIC TIRE
09/608426	30JE2000	METHOD OF ENCAPSULATING AN ELECTRONIC TIRE TAG
09/613130	10JL2000	METHOD FOR PREPARING AN INNERLINER OF A PNEUMATIC TIRE
09/634570	09AU2000	POWDER DISPENSING COLLECTION MANIFOLD FOR INDOOR TIRE WEAR TESTING
09/651785	30AU2000	GREEN TIRE HOLDING DEVICE WITH TURNING SPINDLE(S)

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09/651786	30AU2000	PNEUMATIC TIRE HAVING A STABILIZING SYSTEM FOR UNDER-INFLATED CONDITIONS
09/651813	30AU2000	TREAD PATTERN FOR A VEHICLE TIRE
09/663176	15SE2000	CONDUCTIVE PATHWAYS IN TIRE TREADS FOR REDUCED STATIC CHARGE BUILDUP
09/668509	22SE2000	PNEUMATIC TIRE HAVING A BODY CORD INSERT THAT REDUCES THE ROLLING RESISTANCE OF
09/678048	03OC2000	RUN FLAT PNEUMATIC TIRE AND ANTICLASTIC BAND ELEMENT THEREFOR
09/680639	06OC2000	DEVICE TO ENCAPSULATE A SUBSTRATE CONTAINING SENSITIVE ELECTRONIC COMPONENTS AND
09/723971	28NO2000	RUN FLAT PNEUMATIC TIRE AND A VARIABLE THICKNESS BAND ELEMENT THEREFOR
09/726714	30NO2000	TIRE WITH THREE PIECE BEAD FILLER
09/758558	11JA2001	SYSTEM FOR DETERMINING THE DYNAMIC ORIENTATION OF A VEHICLE WHEEL PLANE
09/758740	11JA2001	GREEN TIRE STORAGE DEVICE WITH INFLATABLE BLADDERS
09/770884	26JA2001	A METHOD OF WEAR TESTING A TIRE
09/778339	07FE2001	METHOD FOR CONTROLLING PNEUMATIC TIRE PRESSURES
09/793253	26FE2001	MONITORING DEVICE AND TIRE COMBINATION
09/878077	08JE2001	SULFENYL HALIDE POLYMERIZATION TERMINATORS
09/915028	26JL2001	ELECTRONIC TIRE MANAGEMENT SYSTEM
09/915858	26JL2001	ELECTRONIC TIRE MANAGEMENT SYSTEM
09/922131	03AU2001	PNEUMATIC TIRE HAVING TAPERED TIE BARS
09/922964	06AU2001	METHOD OF COMPENSATING FOR RESIDUAL ALIGNING TORQUE (RAT)
09/923504	07AU2001	COMBINATION PNEUMATIC TIRE AND MONITORING DEVICE
09/924837	08AU2001	INDOOR HYDROPLANING TEST APPARATUS AND METHOD
09/934960	22AU2001	NON-ATTACHED MONITORING ASSEMBLY FOR PNEUMATIC TIRE
09/943915	31AU2001	DEVICE TO ENCAPSULATE A SUBSTRATE CONTAINING SENSITIVE ELECTRONIC COMPONENTS AND
09/943916	31AU2001	NON-ATTACHED MONITORING ASSEMBLY FOR PNEUMATIC TIRE
09/976065	12OC2001	A METHOD OF WEAR TESTING A TIRE
29/121917	18AP2000	TIRE TREAD
29/128597	28AU2000	TIRE TREAD
29/128598	28AU2000	TIRE TREAD
29/128667	28AU2000	TIRE TREAD

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29/131712	26OC2000	TIRE TREAD
29/132324	06NO2000	TIRE TREAD
29/132363	06NO2000	TIRE TREAD
29/133786	07DE2000	TIRE TREAD
29/134028	12DE2000	TIRE TREAD
29/134140	14DE2000	TIRE TREAD
29/134185	15DE2000	TIRE TREAD
29/134186	15DE2000	TIRE TREAD
29/135520	12JA2001	TIRE TREAD
29/136665	05FE2001	TIRE TREAD
29/138221	08MR2001	TIRE TREAD
29/138263	08MR2001	TIRE TREAD
29/138802	20MR2001	TIRE TREAD
29/139600	03AP2001	TIRE TREAD
29/140443	18AP2001	TIRE TREAD
29/141909	15MY2001	TIRE TREAD
29/142403	24MY2001	TIRE TREAD
29/142419	24MY2001	TIRE TREAD
29/144972	13JL2001	TIRE TREAD
29/144973	13JL2001	TIRE TREAD
29/145154	17JL2001	TIRE TREAD
29/145252	18JL2001	TIRE TREAD
29/146063	02AU2001	TIRE TREAD
29/148562	21SE2001	TIRE TREAD
60/314085	22AU2001	METHOD OF COMPARING TREAD DESIGNS BASED ON TIRE NOISE GENERATED BY TIRE TREAD LUG
60/314403	23AU2001	METHOD OF COMPARING TREAD DESIGNS BASED ON TIRE NOISE GENERATED BY TIRE TREAD LUG
60/316623	31AU2001	PNEUMATIC TIRE WITH SIDEWALL PROJECTIONS
	10OC2001	METHOD AND APPARATUS FOR REMOVABLY INSERTING AN