

01-27-1999



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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

Submission Type

☒ New

☐ Resubmission (Non-Recordation)

Document ID#

☐ Correction of PTO Error

Reel # Frame #

☐ Corrective Document

Reel # Frame #

Conveyance Type

☒ Assignment ☐ Security Agreement

☐ License ☐ Change of Name

☐ Merger ☐ Other

U.S. Government
(For Use ONLY by U.S. Government Agencies)

☐ Departmental File ☐ Secret File

Conveying Party(ies)

☐ Mark if additional names of conveying parties attached

Execution Date
Month Day Year
12 28 98

Name (line 1) Sonoco Products Company

Name (line 2)

Second Party

Name (line 1)

Name (line 2)

Execution Date
Month Day Year

Receiving Party

☐ Mark if additional names of receiving parties attached

Name (line 1) Sonoco Development, Inc.

Name (line 2)

Address (line 1) One North Second Street

Address (line 2)

Address (line 3) Hartsville

South Carolina

29550

City

State/Country

Zip Code

☐ If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20503

REEL: 9711 FRAME: 0328

Correspondent Name and Address

Area Code and Telephone Number (803) 779-3080

Name Joseph D. Clark, Esquire

Address (line 1) Sinkler & Boyd, P.A.

Address (line 2) P.O. Box 11889

Address (line 3) Columbia, SC 29211

Address (line 4)

Pages

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

8

Application Number(s) or Patent Number(s)

☒ Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

D287572	D302522	D325311
D293505	D307555	D382202
D298917	D323619	D382446

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.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number

only if a U.S. Application Number has not been assigned.

PCT		PCT		PCT	
PCT		PCT		PCT	

Number of Properties

Enter the total number of properties involved.

93

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 3,720.00

Method of Payment:
Deposit Account

Enclosed ☒ Deposit Account ☐

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

#

Authorization to charge additional fees:

Yes ☐ No ☐

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. Charges to deposit account are authorized, as indicated herein.

Joseph D. Clark, Esquire
Name of Person Signing


Signature

January 22, 1999
Date

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Patent and Trademark Office
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Month Day Year

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Name (line 2)

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Patent Number(s)

D385489	4343427	4540105
D385790	4373928	4621508
D396636	4374568	4717374
RE34324	4458469	4737216
4342408	4480750	4742972

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Patent Number(s)

4760949	4889294	4953664
4793539	4901940	4957270
4807754	4911560	4981216
4840289	4923436	4995860
4872766	4930385	5024349

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Patent Number(s)

5069355	5207367	5328121
5076440	5207368	5335788
5106356	5211354	5336036
5125604	5251809	5339693
5170961	5297697	5340050

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5353943	5393582	5476213
5362152	5431619	5482205
5376316	5461889	5487506
5379648	5469619	5494215
5393010	5472154	5495087

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Patent Number(s)

5718397	5829669	<input type="text"/>
5752614	5833592	<input type="text"/>
5775531	5845779	<input type="text"/>
5788112	5846619	<input type="text"/>
5804284	<input type="text"/>	<input type="text"/>

ASSIGNMENT OF PATENT RIGHTS

For good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, SONOCO PRODUCTS COMPANY ("SONOCO") hereby sells, assigns and transfers absolutely unto SONOCO DEVELOPMENT, INC. ("DEVELOPMENT"), the entire right, title and interest in and to the inventions described on the attached Schedule I (the "Inventions"), any existing patents, any pending patent applications, and any patents which may be granted, therefor and thereupon, together with any and all divisions, continuations, reissues and extensions thereof, the right to sue and recover for past, present and future infringement, all SONOCO's foreign rights to the Inventions, and all SONOCO's rights under applicable international conventions and treaties with respect to the Inventions. SONOCO hereby authorizes DEVELOPMENT to apply for patents in foreign countries, claiming the filing dates of the U.S. application under the provisions of applicable international conventions or treaties. SONOCO hereby agrees to communicate to DEVELOPMENT, its successors, assigns, or legal representatives, any facts known to SONOCO respecting said Inventions, to testify at any legal proceedings relating thereto, sign all lawful papers, execute all divisional, continuing and reissue applications required by DEVELOPMENT, make all rightful oaths, and, in addition, to execute any and all documents that may be required in order that DEVELOPMENT may make applications for patents on the Inventions in foreign countries in its own name. And, SONOCO does hereby authorize and request the Commissioner of Patents and Trademarks to issue any patents which may be granted for said Inventions unto DEVELOPMENT, its successors and assigns, in accordance with this assignment.

Executed as of the 28th day of December, 1998.

SONOCO PRODUCTS COMPANY

By: C. J. Kumpf

Its: Vice President, Treasurer and Secretary

SONOCO DEVELOPMENT, INC.

By: C. J. Kumpf

Its: Secretary/Treasurer

STATE OF SOUTH CAROLINA)
)
COUNTY OF DARLINGTON)

Before me appeared Charles J. Hypter, the officer who signed this assignment for SONOCO PRODUCTS COMPANY, who acknowledged that he signed it as a free act on behalf of SONOCO PRODUCTS COMPANY with authority to do so on this 28th day of December, 1998.

Donna T. Burch

Notary Public for the State of South Carolina

My commission expires: January 29, 2006

STATE OF SOUTH CAROLINA)
)
COUNTY OF DARLINGTON)

Before me appeared Charles J. Hypter, the officer who signed this assignment for SONOCO DEVELOPMENT, INC., who acknowledged that he signed it as a free act on behalf of SONOCO DEVELOPMENT, INC. with authority to do so on this 28th day of December, 1998.

Donna T. Burch

Notary Public for the State of South Carolina

My commission expires: January 29, 2006

SCHEDULE I

REG. NO.	SERIAL NO.	DESCRIPTION
D287572	611,559	BAG PACK
D293505	744,918	TEXTILE YARN CARRIER
D298917	792,698	DESIGN FOR A BOTTLE
D302522	863,386	BOTTLE DESIGN
D307555	35,695	DISPENSING NOZZLE FOR PLASTIC BAGS
D323619	332,220	NOZZEL FOR A PLASTIC BAG DISPENSER
D325311	463,655	PLASTIC BAG ROLLER DISPENSER
D382202	51,092	CONTAINER CLOSURE STRIP
D382446	46,976	CONTAINER
D385489	61,678	CONTAINER CLOSURE STRIP
D385790	61,656	CONTAINER CLOSURE STRIP
D396636	61,218	NOZZEL FOR A PLASTIC BAG DISPENSER
RE34324	354,516	THROUGH-COUNTER DISPENSING SYSTEM FOR PLASTIC BAGS
4,342,408	169,410	POSITIVE SEAL SPOUT
4,343,427	131,098	COMPOSITE CONTAINER WITH BALLOON FOLD
4,373,928	234,191	COMPOSITE CONTAINER WITH COMPRESSED BODY WALL
4,374,568	316,444	COMPOSITE CONTAINER WITH COMPRESSED BODY WALL PORTION
4,458,469	488,324	CONTAINER WITH VACUUM ACCOMODATING END
4,480,750	611,250	BAG CONSTRUCTION (UTILITY)

REG. NO.	SERIAL NO.	DESCRIPTION
4,540,105	640,134	CLOSURE OPENING HAVING PROJECTIVE BEAD
4,621,508	733,595	TEXTILE YARD CARRIER AND METHOD OF MANUFACTURING SAME
4,717,374	915,549	METHOD FOR FORMING A COMPOSITE CONTAINER WITH HIGH BARRIER LINER LAYER
4,737,216	917,651	METHOD OF FABRICATING ROLLER FOR USE IN XEROGRAPHIC COPIER MACHINES
4,742,972	49,118	CARRIER FOR TEXTILE YARN
4,760,949	104,942	COMPOSITE CONTAINER WITH HIGH BARRIER LINER LAYER AND METHOD OF FORMING THE SAME
4,793,539	35,552	THROUGH-COUNTER DISPENSING SYSTEM FOR PLASTIC BAGS
4,807,754	161,821	PACKAGING SYSTEM FOR PLASTIC BAGS
4,840,289	188,445	SPIN-BONDED ALL PLASTIC CAN AND METHOD OF FORMING SAME
4,872,766	273,954	TWO-COMPARTMENT PLASTIC BAG
4,889,294	272,735	YARN CARRIER WITH INTERCHANGEABLE IDENTIFYING RING
4,901,940	369,004	PLASTIC YARD CONE HAVING REINFORCED NOSE FOR DAMAGE PROTECTION
4,911,560	321,824	EASY OPEN BAG
4,923,436	801,752	PLASTIC BAG AND METHOD AND APPARATUS OF MANUFACTURE
4,930,385	331,962	DISPENSING NOZZEL FOR PLASTIC BAGS
4,953,664	347,757	ERGONOMICALLY DESIGNED CHECK-OUT COUNTER SYSTEM FOR SUPERMARKET AND MERCHANDISING INDUSTRIES

REG. NO.	SERIAL NO.	DESCRIPTION
4,957,270	294,101	CONCRETE COLUMN FORMING TUBE
4,981,216	472,781	EASY OPENING BAG PACK AND SUPPORTING RACK SYSTEM AND FABRICATING METHOD
4,995,860	510,730	EASY OPENING BAG PACK AND SUPPORTING RACK SYSTEM AND FABRICATING METHOD
5,024,349	349,289	TUBE DISPENSER FOR FLEXIBLE SHEET MATERIAL
5,069,355	644,889	EASY-OPENING COMPOSITE CONTAINER
5,076,440	687,755	EASY-OPEN CONTAINER HAVING IMPROVES LABELS
5,106,356	707,686	METHOD AND APPARATUS FOR THE MANUFACTURER OF PAPERBOARD TUBES HAVING CONTROLLED OUTSIDE DIAMETER
5,125,604	688,894	SYSTEM FOR AUTOMATIC CONSECUTIVE OPENING AND DISPENSING THERMOPLASTIC GROCERY OR RETAIL PRODUCT BAGS
5,170,961	887,297	TEXTILE YARN CARRIER WITH YARN TAIL ACCOMMODATION BASE AND CARRIER END HOLDER CAP
5,207,367	665,675	DISPENSING CONTAINER
5,207,368	746,316	DISPENSING APPARATUS FOR PLASTIC BAGS
5,211,354	893,408	TEXTILE CORE HAVING IMPROVED START-UP GROOVE
5,251,809	936,603	EASY-OPEN CONTAINER HAVING IMPROVED LABEL
5,297,697	95,467	CAULK CARTRIDGE WITH VALVE CONTROL
5,328,121	10,647	TEXTILE CORE HAVING IMPROVED START-UP GROOVE
5,335,788	859,037	SELF-OPENING POLYETHYLENE BAG STACK AND PROCESS FOR PRODUCING SAME

REG. NO.	SERIAL NO.	DESCRIPTION
5,336,036	986,941	PORTABLE COMPACTOR SYSTEM FOR AGRICULTURAL FILMS
5,339,693	997,232	APPARATUS AND METHOD FOR TESTING TUBULAR PRODUCTS
5,340,050	49,711	TUBULAR CORE ASSEMBLY HAVING INSIDE-DIAMETER REDUCING AND MEMBERS SECURED BY MECHANICAL INTERLOCKING MEMBER
5,353,943	31,804	EASY-OPENING COMPOSITE CLOSURE FOR HERMETIC SEALING OF A PACKAGING CONTAINER BY DOUBLE SEAMING
5,362,152	126,274	T-SHIRT TYPE PLASTIC FOR CARRYING HOT FOOD
5,376,316	203,799	METHOD OF MAKING A CONCRETE COLUMN WITH A CONCRETE FORMING TUBE
5,379,648	97,771	METHOD & APPARATUS FOR TESTING CHEW-OUT STRENGTH OF PAPERBOARD CORE
5,393,010	49,550	TUBULAR CORE ASSEMBLY FOR WINDING PAPER AND OTHER SHEET MATERIAL HAVING MECHANICALLY INTERLOCKED
5,393,582	71,485	ENHANCED CRUSH STRENGTH CONSTRUCTION MULTI-GRADE PAPERBOARD TUBES
5,431,619	66,848	PROCESS AND APARATUS FOR FORMING AN OUTWARDLY CURLED LIP ON CYLINDRICAL CONTAINER BODY
5,461,889	116,053	PLASTIC SPACER RING HAVING AN ANNULAR GROOVE FOR SEALING PLATIC DYE TUBES
5,469,619	230,606	TUBULAR CORE ASSEMBLY HAVING INSIDE-DIAMETER REDUCING END MEMBERS SECURED BY MECHANICAL INTERLOCKING MEMBER
5,472,154	87,599	HIGH SPIRAL ANGLE WINDING CORES
5,476,213	459,295	CONTAINER HAVING ABUSE RESISTANT END SEAL

REG. NO.	SERIAL NO.	DESCRIPTION
5,482,205	283,648	SPIRALLY-WOUND EASY-OPEN CONTAINER HAVING A SCORE CUT PANEL
5,487,506	263,556	EASY-OPEN CONTAINER HAVING AN IMPROVED REINFORCING AND TEAR STRIP
5,494,215	263,879	EASY-OPEN CONTAINER DIRECTIONALLY-ORIENTED LABEL TEAR
5,495,087	218,739	GROOVING BLADE FOR TEXTILE CORE
5,505,395	187,051	MULTI-GRADE PAPERBOARD WINDING CORES FOR YARNS AND FILMS HAVING ENHANCED RESISTENCE TO INSIDE DIAMETER
5,547,451	515,956	EASY-OPEN CONTAINER HAVING DIRECTIONAL-ORIENTED LABEL TEAR
5,556,365	555,009	SPIRALLY-WOUND EASY-OPEN CONTAINER HAVING A SCORE CUT OPENING PANEL
5,560,521	398,488	RECYCLABLE CAULK CARTRIDGE WITH BREAKAWAY NOZZEL
5,562,580	193,386	SELF-OPENING POLYETHYLENE BAG STACK AND PROCESS FOR PRODUCING SAME
5,573,638	266,033	PAPERBOARD FOR MANUFACTURING SINGLE-LAYER PAPERBOARD TUBE-FORMING PLIES
5,586,963	265,999	SINGLE-PLY PAPERBOARD TUBE AND METHOD OF FORMING SAME
5,593,039	562,027	CORNER POST FOR PACKAGING SYSTEM
5,610,837	230,947	SYSTEM AND METHOD FOR NONDESTRUCTIVE VIBRATIONAL TESTING
5,622,288	489,662	CARTRIDGE PLUNGER WITH SURFACE CLEANING SKIRT
5,630,982	571,188	METHOD AND APPARATUS FOR EXTRUDING PLASTIC TUBING

REG. NO.	SERIAL NO.	DESCRIPTION
5,667,173	558,963	COMPACT RACK CONSTRUCTION FOR MOUNTING T-SHIRT TYPE PLASTIC BAGS
5,699,683	663,825	FILTER SLEEVE FOR TUBULAR FILTER CORE
5,713,484	625,402	TWO-PIECE PLASTIC CONTAINER AND REMOVABLE COVER
5,713,824	516,341	METHOD FOR FORMING AN EASY-OPEN CONTAINER HAVING AN IMPROVED REINFORCING AND TEAR STRIP
5,718,397	771,819	REEL HAVING CONCENTRIC FLANGE SUPPORTS
5,752,614	752,360	EASY-OPENING CLOSURE FOR HERMETIC SEALING A RETORTABLE CONTAINER
5,775,531	780,855	CONTAINER FOR POWDERED PRODUCT HAVING A MEASURING CUP DEVICE THEREIN
5,788,112	646,470	CONTAINER END CLOSURE ADAPTED FOR EVACUATING AND BACK-FLUSING OF GAS
5,804,284	647,035	PAPERBOARD FOR MANUFACTURING SINGLE-LAYER PAPERBOARD TUBE-FORMING PLIES
5,829,669	796,793	TUBULAR CONTAINER AND METHODS AND APPARATUS FOR MANUFACTURING SAME
5,833,592	682,094	METHOD AND APPARATUS FOR ENHANCING SEAM UNIFORMITY IN SPIRALLY WOUND TUBES
5,845,779	674,893	T-SHIRT TYPE PLASTIC BAG PACK ADAPTED TO LEAVE NO RESIDUE ON A SUPPORTING WRAP
5,846,619	796,912	POLYMERIC LINER PLY FOR TUBULAR CONTAINERS & METHODS & APPARATUS FOR MANUFACTURING