

PATENT ASSIGNMENT

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Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
C. Robert Ripplinger	11/20/2009
RECEIVING PARTY DATA	
Name:	Sonoco Development, Inc.
Street Address:	125 West Home Avenue
City:	Hartsville
State/Country:	SOUTH CAROLINA
Postal Code:	29550
PROPERTY NUMBERS Total: 6	
Property Type	Number
Patent Number:	6003807
Patent Number:	6179245
Patent Number:	6874726
Patent Number:	7364113
Patent Number:	7556217
Application Number:	12498198
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ATTORNEY DOCKET NUMBER:	S303 1070 SERIES

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PATENT
REEL: 023905 FRAME: 0915

NAME OF SUBMITTER:

/Steven D. Kerr/

Total Attachments: 3

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ASSIGNMENT

C. Robert Ripplinger, having a residence and post office address of 66 East 100 North, Millville, Utah 84326, is the sole owner of the methods and apparatus disclosed and claimed in United States Patents and United States Patent Applications identified in Schedule A attached hereto, hereinafter the inventions.

The Assignee, SONOCO DEVELOPMENT, INC., a corporation of the State of South Carolina, having a principal place of business at 125 West Home Avenue, Hartsville, South Carolina 29550, desires to secure the entire right, title and interest in said inventions.

In consideration of \$1.00 and other good and valuable consideration paid by the Assignee, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR HEREBY ASSIGNS TO THE ASSIGNEE:

The entire right, title and interest in said invention, in the above-identified United States patent application and in all divisions, continuations and continuations-in-part of said applications, all previously filed provisional applications for which the present applications seek the benefit of an earlier filing date under 35 U.S.C. § 120, all reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing thereon in the United States and foreign countries.

The right to file foreign patent applications on said inventions in its own name, wherever such right may be legally exercised, including the right to claim the benefits of the International Convention for such applications.

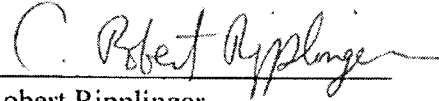
Assignor hereby authorizes and requests the United States Commissioner of Patents and Trademarks, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, to issue any and all patents on said invention to the Assignee as the owner of the entire interest, for the sole use and benefit of the said Assignee, its successors, assigns and legal representatives.

Assignor hereby agrees, without further consideration and without expense to Assignee, to sign all lawful papers and to perform all other lawful acts which Assignee may request to make this Assignment fully effective, including, by way of example but not of limitation, the following:

Prompt execution of all original, divisional, substitute, reissue, and other United States and foreign patent applications on said inventions, and all lawful documents requested by Assignee to further the prosecution of any of such patent applications.

Cooperation to the best of Assignor's ability in the execution of all lawful documents, the production of evidence, nullification, reissue, extension, or infringement proceedings involving said inventions.

This assignment and agreement shall be binding upon all heirs, legal representatives, and successors in interest of Assignor.

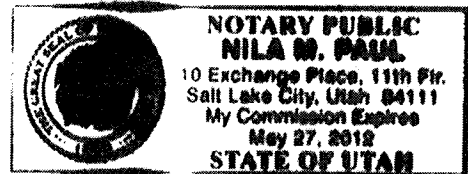
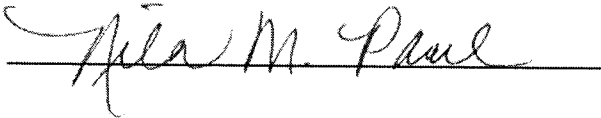


C. Robert Ripplinger
66 East 100 North
Millville, UT 84326

STATE OF UTAH)
COUNTY OF SALT LAKE)

On this 20th day of November, in the year 2009, before me,
Nila M. Paul, a notary public, personally appeared C. Robert Ripplinger, personally known to me or proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he executed the same.

WITNESS my hand and official seal.



Schedule A

Title	Serial No	Filing Date	Patent No.	Issue Date
Corrugated, Fracture-Controlling Flanges For Spools and Reels	09/023,318	02-13-1998	6,003,807	12-21-1999
Corrugated, Fracture-Controlling Flanges For Spools and Reels	09/434,609	11-05-1999	6,179,245	01-30-2001
Corrugated-Core Flanges For spools and Reels	10/617,126	07-10-2003	6,874,726	04-05-2005
Corrugated Flanges For Spools and Reels	11/095,754	03-31-2005	7,364,113	04-29-2008
Corrugated Flanges For Spools and Reels	12/111,000	04-28-2008	7,556,217	07-07-2009
Corrugated Flanges For Spools and Reels	12/498,198	07-06-2009	Not Yet Issued	Not Yet Issued