507151828 02/28/2022

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7198672

SUBMISSION TYPE:		NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT	
CONVEYING PARTY DA	TA			
		Name	Execution Date	
NEIL ROLAND DAVIS			02/28/2019	
KEVIN MANLY KELLEY			02/27/2019	
MICHAEL LEE THOMPS	ON		02/28/2019	
XIAOKAI NIU			02/28/2019	
DAVID RHODES			02/27/2019	
MICHAEL ZOLD			02/27/2019	
	ГА			
Name:	SONOCO DEVELOPMENT, INC.			
Street Address:	540 NOF	RTH SECOND STREET		
City:	HARTSVILLE			
State/Country:	SOUTH	CAROLINA		
Postal Code:	29550			
PROPERTY NUMBERS Property Type	Total: 1	Number		
Application Number:	1	7682730		
	ΔΤΔ			
Fax Number: (312)977-9959				
rax number:				
Correspondence will be	e sent to	the e-mail address first; if that is un if that is unsuccessful, it will be se		
Correspondence will be	e sent to provided;	the e-mail address first; if that is ur		
<i>Correspondence will be using a fax number, if p</i> Phone: Email:	e sent to provided; 3 tr	<i>the e-mail address first; if that is un</i> <i>if that is unsuccessful, it will be se</i> 129779902 morales@vonbriesen.com	ent via US Mail.	
<i>Correspondence will be using a fax number, if p</i> Phone: Email: Correspondent Name:	e sent to provided; 3 tr V	the e-mail address first; if that is un if that is unsuccessful, it will be se 129779902 morales@vonbriesen.com /ON BRIESEN & ROPER, S.C./SONC	ent via US Mail.	
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1:	e sent to provided; 3 tr V C	the e-mail address first; if that is un if that is unsuccessful, it will be se 129779902 morales@vonbriesen.com /ON BRIESEN & ROPER, S.C./SONC DNE NORTH FRANKLIN STREET	ent via US Mail.	
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	e sent to provided; 3 tr V C S	the e-mail address first; if that is un if that is unsuccessful, it will be se in 129779902 morales@vonbriesen.com /ON BRIESEN & ROPER, S.C./SONC DNE NORTH FRANKLIN STREET GUITE 2350	ent via US Mail.	
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to provided; 3 tr 0 0 5	the e-mail address first; if that is up if that is unsuccessful, it will be se u129779902 morales@vonbriesen.com /ON BRIESEN & ROPER, S.C./SONC DNE NORTH FRANKLIN STREET SUITE 2350 CHICAGO, ILLINOIS 60606	ent via US Mail.	
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to provided; 3 tr 0 0 5	the e-mail address first; if that is un if that is unsuccessful, it will be se in 129779902 morales@vonbriesen.com /ON BRIESEN & ROPER, S.C./SONC DNE NORTH FRANKLIN STREET GUITE 2350	ent via US Mail.	
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2:	e sent to provided; 3 tr 0 0 5	the e-mail address first; if that is up if that is unsuccessful, it will be se u129779902 morales@vonbriesen.com /ON BRIESEN & ROPER, S.C./SONC DNE NORTH FRANKLIN STREET SUITE 2350 CHICAGO, ILLINOIS 60606	ent via US Mail.	
Correspondence will be using a fax number, if p Phone: Email: Correspondent Name: Address Line 1: Address Line 2: Address Line 4:	e sent to provided; 3 tr 0 0 5	the e-mail address first; if that is un if that is unsuccessful, it will be see 129779902 morales@vonbriesen.com /ON BRIESEN & ROPER, S.C./SONC ONE NORTH FRANKLIN STREET SUITE 2350 CHICAGO, ILLINOIS 60606 70002A/IPD-05137-CNT	ent via US Mail.	

Total Attachments: 4
source=2022-02-28_Assignment_IPD-05137-CNT#page1.tif
source=2022-02-28_Assignment_IPD-05137-CNT#page2.tif
source=2022-02-28_Assignment_IPD-05137-CNT#page3.tif
source=2022-02-28_Assignment_IPD-05137-CNT#page4.tif

Auy, Docket No. 70002A/IPD-05137-US

ASSIGNMENT

Serial No:	Herewith	
Filed:	Herewith	

Title:

CORE WITH IMPROVED CHUCK INTERACTION

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns to SONOCO DEVELOPMENT, INC., having a place of business at North Second Street, Hartsville, South Carolina 29550 (hereinafter "assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, executed by the undersigned on the date indicated below, and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignce.

The undersigned hereby authorize and request the attorneys of record in said application to insert in this assignment the execution date and/or filing date and serial number of said application when officially known.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned.

For said consideration the undersigned hereby agrees, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation, continuation-in-part and substitute applications for said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application, and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said assignee, its successors or assigns in the request of said assignee, its successors or assigns involved in Interference, to cooperate to the best of the ability of the undersigned with said assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in said assignee, its successors and assigns, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

Atty. Docket No. 70002A/THR-05001-CIP

Date: 02/28/2019

Date:

Date:

Neil Roland Davis

......

Kevin Manly Kelley

Michael Lee Thompson

Date: _____

 $S_{\rm c}^{\rm c}$

Date: _____

Date:

Xiaokai Niu

David Rhodes

Michael Zold

-2-

PATENT REEL: 059121 FRAME: 0147

Atty, Docket No. 70002A/THR-05001-CIP

Date:	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Neil Roland Davis
Date:	2-27-2019	Kevin Mapify Kelley
Date:		Michael Lee Thompson
Date:	2-27-19	Xiaokai Niu
Date:	2-27-19	David Rhodes
Date:	2/27/2019	Michael Zold

sp A

- 2 -

Atty. Docket No.	70002A/THR	-05001-CIP
------------------	------------	------------

	Date:	Neil Roland Davis		
	Date:	Kevin Manly Kelley		
	Date:	John Franklin Auten Jr.		
	Date:	Michael Lee Thomas Michael Lee Thomas		
	Date:			
		Xiaokai Niu		
·	Date:			
		David Rhodes		
	Date:	Michael Zold		

-2-

RECORDED: 02/28/2022

PATENT REEL: 059121 FRAME: 0149