

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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Assignment ID: PATI710153

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF INTELLECTUAL PROPERTY SECURITY AGREEMENTS (061701/0483)	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	GOLDMAN SACHS LENDING PARTNERS, LLC	12/19/2024
<b>RECEIVING PARTY DATA</b>		
<b>Company Name:</b>	RANPAK CORP.	
<b>Street Address:</b>	7990 AUBURN ROAD	
<b>City:</b>	PAINESVILLE	
<b>State/Country:</b>	OHIO	
<b>Postal Code:</b>	44077	
<b>PROPERTY NUMBERS Total: 8</b>		
	<b>Property Type</b>	<b>Number</b>
	Patent Number:	11383476
	Patent Number:	11383475
	Patent Number:	11414223
	Application Number:	17858780
	Application Number:	29845314
	Application Number:	17906659
	Application Number:	17905986
	Application Number:	63378047
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>		
	<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	2023704750	
<b>Email:</b>	ipteam@cogencyglobal.com	
<b>Correspondent Name:</b>	Joanna McCall	
<b>Address Line 1:</b>	1025 Connecticut Ave NW, Suite 712	
<b>Address Line 2:</b>	Cogency Global Inc.	
<b>Address Line 4:</b>	Washington, DISTRICT OF COLUMBIA 20036	
<b>ATTORNEY DOCKET NUMBER:</b>	2600073 JMm	
<b>NAME OF SUBMITTER:</b>	Andrew Hackett	



**RELEASE OF INTELLECTUAL PROPERTY SECURITY AGREEMENTS**

This RELEASE OF INTELLECTUAL PROPERTY SECURITY AGREEMENTS (this “**Release**”) is made as of December 19, 2024 by GOLDMAN SACHS LENDING PARTNERS, LLC, as collateral agent (in such capacity, the “**Collateral Agent**”) for the Secured Parties (as defined in the First Lien Credit Agreement referred to below), in favor of RANPAK CORP. (the “**Company**” or the “**Grantor**”). Capitalized terms used but not defined herein have the meanings given to them in the First Lien Credit Agreement or the IP Security Agreements (as defined below), as appropriate.

WHEREAS, the Grantor entered into that certain First Lien Credit Agreement, dated as of June 3, 2019, with Initial Holdings, the Initial U.S. Borrower, the Initial Dutch Borrower, GOLDMAN SACHS LENDING PARTNERS, LLC, as Administrative Agent and Collateral Agent, and the Lenders party thereto from time to time (as amended by Amendment No. 1 to First Lien Credit Agreement dated as of February 14, 2020, the Borrower Assumption Agreement dated as of July 1, 2020, the Permitted Exit Payment Amendment dated as of July 28, 2021, Amendment No. 2 to First Lien Credit Agreement dated as of April 4, 2023 and Amendment No. 3 to First Lien Credit Agreement dated as of June 5, 2023, and as further amended, restated, supplemented or otherwise modified from time to time, the “**First Lien Credit Agreement**”);

WHEREAS, as a condition precedent the making of Loans by the Lenders, the Grantor executed and delivered that certain U.S. First Lien Pledge and Security Agreement, dated as of June 3, 2019, by and among Initial Holdings, the Grantor, the Administrative Agent and the Collateral Agent (as amended, restated, amended and restated, supplemented or otherwise modified from time to time prior to the date hereof, the “**First Lien Security Agreement**”);

WHEREAS, pursuant to the First Lien Security Agreement, the Grantor executed that certain First Lien Trademark Security Agreement, dated as of June 3, 2019 (as supplemented by the documents specified on Annex I(a) hereto, and as further amended, restated, amended and restated, supplemented or otherwise modified from time to time prior to the date hereof, the “**First Lien Trademark Security Agreement**”), pursuant to which the Grantor granted to the Collateral Agent, for the ratable benefit of the Secured Parties, a security interest in, among other property, certain trademarks and trademark applications of the Grantor;

WHEREAS, pursuant to the First Lien Security Agreement, the Grantors also executed that certain First Lien Copyright Security Agreement, dated as of June 3, 2019 (as amended, restated, amended and restated, supplemented or otherwise modified from time to time prior to the date hereof, the “**First Lien Copyright Security Agreement**”), pursuant to which the Grantor granted to the Collateral Agent, for the ratable benefit of the Secured Parties, a security interest in, among other property, certain copyrights and copyright applications of the Grantor;

WHEREAS, pursuant to the First Lien Security Agreement, the Grantor also executed that certain First Lien Patent Security Agreement, dated as of June 3, 2019 (as supplemented by the documents specified on Annex I(b) hereto, and as further as amended, restated, amended and restated, supplemented or otherwise modified from time to time prior to the date hereof, the “**First Lien Patent Security Agreement**” and, collectively with the First Lien Trademark Security Agreement and the First Lien Copyright Security Agreement, the “**IP Security Agreements**”), pursuant to which the Grantor granted to the Collateral Agent, for the ratable benefit of the Secured Parties, a security interest in, among other property, certain patents and patent applications of the Grantor;

WHEREAS, the First Lien Trademark Security Agreement was recorded with the Trademark Division of the United States Patent and Trademark Office on June 6, 2019 at Reel 6663, Frame 0716;

WHEREAS, the First Lien Copyright Security Agreement was recorded with the United States Copyright Office on June 10, 2019 at Volume 9970, Document No. 341;

WHEREAS, the First Lien Patent Security Agreement was recorded with the Patent Division of the United States Patent and Trademark Office on June 4, 2019 at Reel 049358, Frame 0916, and on June 6, 2019 at Reel 049391, Frame 0287; and

WHEREAS, in accordance with the provisions of the First Lien Credit Agreement, the First Lien Security Agreement and the IP Security Agreements, the Collateral Agent now desires to terminate and release its security interest in and to the Collateral (as defined below).

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the Collateral Agent hereby agrees as follows:

SECTION 1. Release of Grant of Security. The Collateral Agent, on behalf of itself and the Secured Parties, hereby (a) terminates the IP Security Agreements, and (b) terminates, releases and discharges to the Grantor all of the Collateral Agent's and the Secured Parties' security interest in all of the Grantor's right, title and interest in and to, and reassigns to the Grantors any right, title and interest the Collateral Agent or any Secured Party may have in or to, the following (collectively, the "**Collateral**"):

(i) all Patents, including those Patent registrations and pending applications in the United States Patent and Trademark Office listed on Schedule A hereto, the right to sue third parties for past, present and future infringements of any Patent; and all proceeds of and any right associated with the foregoing;

(ii) all Trademarks, including those Trademark registrations and registration applications in the United States Patent and Trademark Office listed on Schedule B hereto, all goodwill associated with or symbolized by the Trademarks, all assets, rights and interests that uniquely reflect or embody the Trademarks, the right to sue third parties for past, present and future infringements, dilutions or violations of any Trademark, and all proceeds of and rights associated with the foregoing; and

(iii) all Copyrights, including those Copyright registrations and pending applications for registration in the United States Copyright Office listed on Schedule C, the right to sue third parties for past, present and future infringements of any Copyright, and all proceeds of and rights associated with the foregoing.

SECTION 2. Recordation. The Collateral Agent authorizes and requests that the Register of Copyrights, the Commissioner for Patents and the Commissioner for Trademarks and any other applicable government officer or relevant governmental authority record this Release. The Collateral Agent shall execute and deliver any and all documents or other instruments prepared by or on behalf of the Company and reasonably requested by the Company, and at the Company's sole cost and expense, to more fully and effectively effectuate the purposes of this Release.


SECTION 3. Counterparts. This Release may be executed in any number of counterparts, each of which when so executed shall be deemed to be an original and all of which taken together shall constitute one and the same agreement.

SECTION 4. Governing Law. This Release shall be governed by, and construed in accordance with, the laws of the State of New York.

*[Signature pages follow]*

IN WITNESS WHEREOF, the Collateral Agent has caused this Release to be duly executed and delivered, on behalf of itself and the Secured Parties, by its officer thereunto duly authorized as of the date first above written.

GOLDMAN SACHS LENDING  
PARTNERS LLC, as Collateral Agent

By:   
Name: Douglas Tansey  
Title: Authorized Signatory

*[Signature Page to Release]*

**PATENT**  
**REEL: 069745 FRAME: 0561**

## ANNEX I

### (a) Supplements to First Lien Trademark Security Agreement

- First Lien Trademark Security Agreement Supplement dated as of November 13, 2019 between the Grantor and the Collateral Agent, was recorded with the Trademark Division of the United States Patent and Trademark Office on November 13, 2019 at Reel 6795, Frame 0314
- First Lien Trademark Security Agreement Supplement dated as of March 17, 2020 between the Grantor and the Collateral Agent, was recorded with the Trademark Division of the United States Patent and Trademark Office on March 18, 2020 at Reel 6894, Frame 0358
- First Lien Trademark Security Agreement Supplement dated as of July 15, 2020 between the Grantor and the Collateral Agent, was recorded with the Trademark Division of the United States Patent and Trademark Office on July 15, 2020 at Reel 6999, Frame 0114
- First Lien Trademark Security Agreement Supplement dated as of May 3, 2021 between the Grantor and the Collateral Agent, was recorded with the Trademark Division of the United States Patent and Trademark Office on May 4, 2021 at Reel 7279, Frame 0502
- First Lien Trademark Security Agreement Supplement dated as of January 11, 2022 between the Grantor and the Collateral Agent, was recorded with the Trademark Division of the United States Patent and Trademark Office on January 12, 2022 at Reel 7558, Frame 0404
- First Lien Trademark Security Agreement Supplement dated as of July 14, 2022 between the Grantor and the Collateral Agent, was recorded with the Trademark Division of the United States Patent and Trademark Office on July 14, 2022 at Reel 7788, Frame 0441
- First Lien Trademark Security Agreement Supplement dated as of October 18, 2022 between the Grantor and the Collateral Agent, was recorded with the Trademark Division of the United States Patent and Trademark Office on October 18, 2022 at Reel 7884, Frame 0740
- First Lien Trademark Security Agreement Supplement dated as of March 1, 2023 between the Grantor and the Collateral Agent, was recorded with the Trademark Division of the United States Patent and Trademark Office on March 2, 2023 at Reel 7990, Frame 0404
- First Lien Trademark Security Agreement Supplement dated as of May 5, 2023 between the Grantor and the Collateral Agent, was recorded with the Trademark Division of the United States Patent and Trademark Office on May 5, 2023 at Reel 8062, Frame 0948
- First Lien Trademark Security Agreement Supplement dated as of July 31, 2023 between the Grantor and the Collateral Agent, was recorded with the Trademark Division of the United States Patent and Trademark Office on August 1, 2023 at Reel 8151, Frame 0808
- First Lien Trademark Security Agreement Supplement dated as of March 20, 2024 between the Grantor and the Collateral Agent, was recorded with the Trademark Division of the United States Patent and Trademark Office on March 28, 2024 at Reel 8383, Frame 0204
- First Lien Trademark Security Agreement Supplement dated as of August 6, 2024 between the Grantor and the Collateral Agent, was recorded with the Trademark Division of the United States Patent and Trademark Office on August 7, 2024 at Reel 8539, Frame 0284

(b) Supplements to First Lien Patent Security Agreement

- First Lien Patent Security Agreement Supplement dated as of November 13, 2019 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on November 13, 2019 at Reel 051002, Frame 0970
- First Lien Patent Security Agreement Supplement dated as of May 4, 2020 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on May 4, 2020 at Reel 052565, Frame 0585
- First Lien Patent Security Agreement Supplement dated as of November 2, 2020 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on November 4, 2020 at Reel 054299, Frame 0378
- First Lien Patent Security Agreement Supplement dated as of February 18, 2021 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on February 18, 2021 at Reel 055334, Frame 0480
- First Lien Patent Security Agreement Supplement dated as of May 3, 2021 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on May 4, 2021 at Reel 056136, Frame 0057
- First Lien Patent Security Agreement Supplement dated as of August 4, 2021 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on August 5, 2021 at Reel 057090, Frame 0191
- First Lien Patent Security Agreement Supplement dated as of November 3, 2021 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on November 4, 2021 at Reel 058457, Frame 0063
- First Lien Patent Security Agreement Supplement dated as of January 11, 2022 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on January 12, 2022 at Reel 058703, Frame 0359
- First Lien Patent Security Agreement Supplement dated as of April 7, 2022 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on April 8, 2022 at Reel 059634, Frame 0852
- First Lien Patent Security Agreement Supplement dated as of July 14, 2022 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on July 14, 2022 at Reel 060653, Frame 0779
- First Lien Patent Security Agreement Supplement dated as of October 18, 2022 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on October 18, 2022 at Reel 061701, Frame 0483
- First Lien Patent Security Agreement Supplement dated as of March 1, 2023 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on March 2, 2023 at Reel 062914, Frame 0640



- First Lien Patent Security Agreement Supplement dated as of May 5, 2023 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on May 5, 2023 at Reel 063551, Frame 0751
- First Lien Patent Security Agreement Supplement dated as of July 31, 2023 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on August 1, 2023 at Reel 064680, Frame 0793
- First Lien Patent Security Agreement Supplement dated as of October 12, 2023 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on October 12, 2023 at Reel 065220, Frame 0621
- First Lien Patent Security Agreement Supplement dated as of March 20, 2024 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on March 28, 2024 at Reel 066944, Frame 0341
- First Lien Patent Security Agreement Supplement dated as of April 30, 2024 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on May 1, 2024 at Reel 067282, Frame 0942
- First Lien Patent Security Agreement Supplement dated as of August 6, 2024 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on August 7, 2024 at Reel 068340, Frame 0213
- First Lien Patent Security Agreement Supplement dated as of October 9, 2024 between the Grantor and the Collateral Agent, was recorded with the Patent Division of the United States Patent and Trademark Office on October 9, 2024 at Reel 069136, Frame 0559

**SCHEDULE A**

**Patents**

[Attached].

**1) Reel/Frame 049358/0916, Goldman Sachs lien from June 3, 2019**

**PATENTS**

<b>DESCRIPTION</b>	<b>SERIAL NUMBER</b>	<b>REGISTERED OWNER</b>
NATUREMBAL IMPROVEMENTS(CONVERTER AND METHODPROVIDING VARIABLE SPEED RATIO)/ (CUSHIONING CONVERSION MACHINE AND METHOD)	<b>6,783,489</b>	<b>Ranpak Corp.</b>
CONVERTER AND STOCK ROLL STORAGE RACK THAT SUPPORTS A ROLL AT LOADING LEVEL(PAPER ROLL STAND)/ (CUSHIONING CONVERSION SYSTEM AND METHOD WITH COMBINATION STOCK ROLL STORAGE RACK	<b>6,095,454</b>	<b>Ranpak Corp.</b>
PROJECT2000(PACKAGING SYSTEM WITH AUDIBLE OR VISUAL OUTPUT COORDINATED WITH INSTRUCTIONS FOR PACKAGAING SUPPLY)/ (CUSHIONING CONVERSION SYSTEM AND METHOD)	<b>6,877,297</b>	<b>Ranpak Corp.</b>
CUSHIONING CONVERSION SYSTEM AND METHOD	<b>8,683,777</b>	<b>Ranpak Corp.</b>
CONVERTER WITH COINING GEAR MODIFIED CUTTING RING HAVING RADIALLY RELIEVED CUTTING EDGES/ (CUSHIONING CONVERSION MACHINE AND METHOD WITH STITCHING ASSEMBLIES)	<b>6,387,029</b>	<b>Ranpak Corp.</b>
PAD INSERTION ASSEMBLY/ (DUNNAGE PAD PRODUCTION AND PACKAGING SYSTEM)	<b>7,866,125</b>	<b>Ranpak Corp.</b>
CONVERTER HAVING FORMER WITH EXPANDING MANDREL PORTIONS(FORMERLY PAD EXPANDER)/ (CUSHIONING CONVERSION MACHINE AND METHOD)	<b>6,626,812</b>	<b>Ranpak Corp.</b>
CONVERTER WITH TRAILING CUTTING BLADE SHUTTER(FORMERLY PPC-5 REVISED PAPER THREADING AND CUTTING)/ (CUSHIONING CONVERSION MACHINE AND METHOD WITH PLURAL CONSTANT ENTRY ROLLERS AND MOVING....	<b>7,041,043</b>	<b>Ranpak Corp.</b>
CONVERTER/METHOD HAVING TRANSVERSE MEMBER WITH INWARDLY TAPERED END(FORMERLY IMPROVED SEPARATOR)/ (CUSHIONING CONVERSION MACHINE AND METHOD)	<b>6,200,251</b>	<b>Ranpak Corp.</b>
CONVERTER WITH BIASED CONSTANT-ENTRY MEMBER/ (CUSHIONING CONVERSION MACHINE AND METHOD)	<b>6,610,001</b>	<b>Ranpak Corp.</b>

BROADENED CONVERTER WITH TRANSVERSE MEMBER THAT ALLOWS LATERAL EDGES TO TURN INWARDLY)(FORMERLY ROUNDED END SEPARATOR)/ (CUSHIONING CONVERSION MACHINE AND METHOD)	<b>6,758,801</b>	<b>Ranpak Corp.</b>
HEAVY-DUTY DUNNAGE CONVERTER(CONVERTER WITH QUICK-RELEASE GEAR CARRIER)/ (CUSHIONING CONVERSION MACHINE HAVING HEAVY DUTY CHARACTERISTICS)	<b>7,083,560</b>	<b>Ranpak Corp.</b>
VOID FILL CONVERTER/ (DUNNAGE CONVERSION MACHINE, METHOD AND DUNNAGE PRODUCT)	<b>7,044,903</b>	<b>Ranpak Corp.</b>
VOID FILL DUNNAGE PRODUCT AND METHOD(SPACED FOLDED-OVER PORTIONS)/ (DUNNAGE CONVERSION MACHINE, METHOD AND DUNNAGE PRODUCT)	<b>7,351,466</b>	<b>Ranpak Corp.</b>
MATPAK/ (PACKING PRODUCT AND APPARATUS AND METHOD FOR MANUFACTURING)	<b>7,452,316</b>	<b>Ranpak Corp.</b>
FILLPAK(CONVERTER WITH GATHERING PADDLES)/ (DUNNAGE CONVERSION MACHINE WITH TRANSLATING GRIPPERS, AND METHOD AND PRODUCT)	<b>6,676,589</b>	<b>Ranpak Corp.</b>
FILLPAK(GATHERING AND LATERALLY CAPTURING METHOD AND PRODUCT WITH CRUMPLED IRREGULAR LOBES)/ (DUNNAGE CONVERSION MACHINE WITH TRANSLATING GRIPPERS, AND METHOD AND PRODUCT)	<b>7,125,375</b>	<b>Ranpak Corp.</b>
FILLPAK (DUNNAGE CONVERSION MACHINE WITH WIDE PADDLES)	<b>7,850,589</b>	<b>Ranpak Corp.</b>
DUNNAGE PRODUCT WITH CRUMPLED MULT-LOBED UNDULATING BODY	<b>8,999,490</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION MACHINE WITH TRANSLATING GRIPPERS, AND METHOD AND PRODUCT	<b>8,177,701</b>	<b>Ranpak Corp.</b>
CONVERTER HAVING TEAR FREE SPIDER FORMER WITH LATERAL RECESSES AND ANGLES SIDE EDGES/ (CUSHIONING CONVERSION MACHINE AND METHOD)	<b>6,699,167</b>	<b>Ranpak Corp.</b>
STOCK MATERIAL WITH PRESSURE-SENSITIVE ADHESIVE AND RELEASE LINER ON END(FORMERLY POST-IT SPLICING STOCK MATERIAL)/ (METHOD OF LOADING A CUSHIONING CONVERSION MACHINE AND SHEET STOCK....	<b>6,756,096</b>	<b>Ranpak Corp.</b>
POST-IT SPLICING METHOD(REMOVING RELEASE LINER FROM PRESSURESENSITIVE ADHESIVE)/ (METHOD OF LOADING A CUSHIONING CONVERSION MACHINE AND SHEET STOCK MATERIAL SUPPLY USEFUL WITHIN)	<b>6,887,329</b>	<b>Ranpak Corp.</b>
CONVERSION SYSTEM AND METHOD WITH TILTABLE PAD SUPPORT(FORMERLY CUSTOM DROP GATE)/ (CUSHIONING CONVERSION SYSTEM WITH DUNNAGE PAD TRANSFER MECHANISM)	<b>6,718,729</b>	<b>Ranpak Corp.</b>
COILER STAPLER/ (SYSTEM AND METHOD FOR MAKING A COILED STRIP OF DUNNAGE)	<b>7,803,100</b>	<b>Ranpak Corp.</b>
ACCUFILL(FORMERLY CUBIMETER) / (PACKAGING SYSTEM WITH VOID FILL MEASUREMENT)	<b>7,337,595</b>	<b>Ranpak Corp.</b>
PACKAGING METHOD WITH VOID-FILL DENSITY DETERMINATION	<b>8,087,218</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERTER SYSTEM	<b>6,918,489</b>	<b>Ranpak Corp.</b>

SECOND GENERATION FILLPAK(FILL PAK STAND)/ (DUNNAGE CONVERTER SYSTEM)	<b>7,614,994</b>	<b>Ranpak Corp.</b>
OUTPUT CHUTE GUARD-RECESS COMBINATION/ (DUNNAGE CONVERSION MACHINE AND OUTPUT CHUTE GUARD)	<b>7,572,216</b>	<b>Ranpak Corp.</b>
AUTOFILL I!(CAMP-AUTOMATED FLOWABLE DUNNAGE DISPENSER)/ (AUTOMATED FLOWABLE DUNNAGE DISPENSING SYSTEM AND METHOD)	<b>7,849,664</b>	<b>Ranpak Corp.</b>
FILLPAK TT2(CONVERTER WITH REVERSING AUTO-TEAR APPARATUS)/ (CUTTERLESS DUNNAGE CONVERTER AND METHOD)	<b>7,186,208</b>	<b>Ranpak Corp.</b>
TABLETOP FILLPAK II(INTERNAL GUIDES)/ (CUTTERLESS DUNNAGE CONVERTER AND METHOD)	<b>7,407,471</b>	<b>Ranpak Corp.</b>
FILLPAK TT2 (PASSIVE RESTRAINT)/ (CUTTERLESS DUNNAGE CONVERTER AND METHOD)	<b>9,370,914</b>	<b>Ranpak Corp.</b>
PAD DROP ORIENTING DEVICE WITH CUSTOM DROP GATE/ (PACKAGING SYSTEM WITH DUNNAGE DELIVERY ASSEMBLY)	<b>7,665,275</b>	<b>Ranpak Corp.</b>
ANTI-JAMMING GUIDE SHOE/ (DUNNAGE CONVERSION MACHINE WITH FLOATING GUIDES)	<b>7,740,573</b>	<b>Ranpak Corp.</b>
FAN FOLD PAPER WITH MODIFIED PERFORATION/ (SELECTIVELY TEARABLE STOCK MATERIAL FOR A DUNNAGE CONVERSION MACHINE AND METHOD)	<b>7,815,989</b>	<b>Ranpak Corp.</b>
PADPAK LC(SEGMENTED ROLLERS)(FORMERLY SINGLE PLY CONVERTER) / (DUNNAGE CONVERSION MACHINE AND METHOD)	<b>7,722,519</b>	<b>Ranpak Corp.</b>
AUTOFILL III/ (AUTOMATED DUNNAGE FILLING SYSTEM AND METHOD)	<b>7,788,884</b>	<b>Ranpak Corp.</b>
AUTOFILL III/ (AUTOMATED DUNNAGE FILLING SYSTEM AND METHOD)	<b>9,321,234</b>	<b>Ranpak Corp.</b>
APPARATUS AND METHOD FOR MAKING A WRAPPABLE PACKAGING PRODUCT	<b>9,205,621</b>	<b>Ranpak Corp.</b>
AUTOMATED PACKAGING SYSTEM AND METHOD(WITH ROUTING MECHANISM FOR DISPENSERS ON SEPARATE PATHS)/ (PACKAGING SYSTEM AND METHOD)	<b>7,584,592</b>	<b>Ranpak Corp.</b>
AUTOMATED CLOSED BOX DETECTION/ (PACKAGING SYSTEM AND METHOD FOR CLOSED CONTAINER DETECTION)	<b>7,814,734</b>	<b>Ranpak Corp.</b>
PACKAGING SYSTEM AND METHOD WITH FREIGHT RATE ANALYSIS	<b>8,341,092</b>	<b>Ranpak Corp.</b>
MANUAL DUNNAGE CONVERTING SYSTEM	<b>8,425,393</b>	<b>Ranpak Corp.</b>
MANUAL DUNNAGE CONVERTING SYSTEM AND METHOD	<b>7,794,382</b>	<b>Ranpak Corp.</b>
COMPACT DUNNAGE CONVERTER (ALIAS: FILLPAK TT (INLET CONSTRUCTION))	<b>8,419,606</b>	<b>Ranpak Corp.</b>
ACCUFILL III RED LIGHT/GREEN LIGHT/ (PACKAGING SYSTEM WITH VOLUME MEASUREMENT)	<b>7,814,733</b>	<b>Ranpak Corp.</b>
TOP-FILLING DUNNAGE CONVERSION MACHINE AND METHOD	<b>8,435,165</b>	<b>Ranpak Corp.</b>
PACKAGING SYSTEM AND METHOD WITH CONTROLLED DUNNAGE DISPENSING Alias: Smart Batch System/Method with Height Detection for Predetermined Dunnage Quantity Selection	<b>9,994,346</b>	<b>Ranpak Corp.</b>
SYSTEM AND METHOD FOR SEALING PACKING CONTAINERS	<b>8,499,532</b>	<b>Ranpak Corp.</b>

MANUALLY ASSISTED VOID-FILL DUNNAGE DISPENSING SYSTEM AND METHOD/ ALIAS: MANUALLY-ASSISTED ACCUFILL (MULTIPLE OPTION RELATIVE BOX FULLNESS SELECTION)	<b>9,403,612</b>	<b>Ranpak Corp.</b>
MANUALLY-ASSISTED VOID-FILL DUNNAGE DISPENSING SYSTEM AND METHOD	<b>8,997,440</b>	<b>Ranpak Corp.</b>
VOID-FILL DUNNAGE CONVERSION MACHINE, STOCK MATERIAL SUPPORT, AND METHOD; Alias: Next Generation FillPak (Entry Guide Rotatable About Machine Axis)	<b>9,321,235</b>	<b>Ranpak Corp.</b>
WRAPPK CONVERTER AND METHOD/ (DUNNAGE CONVERSION MACHINE AND METHOD)	<b>7,955,245</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION MACHINE AND METHOD	<b>8,177,697</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION MACHINE AND METHOD Alias: WrapPak (Stripper Bars and Wrappak Product)	<b>9,669,596</b>	<b>Ranpak Corp.</b>
DROP AND SLIDE MECHANISM FOR USE WITH DUNNAGE CONVERSION MACHINE AND METHOD	<b>8,944,982</b>	<b>Ranpak Corp.</b>
CARRIER FOR A BUNDLE OF FAN FOLDED SHEET MATERIAL TO BE CONVERTED INTO DUNNAGE Alias: Angle Carrier for Paper Bundles Requiring a Splice	<b>9,505,549</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION MACHINE AND METHOD WITH DOWNSTREAM FEED MONITOR	<b>9,884,465</b>	<b>Ranpak Corp.</b>
MULTI-FUNCTIONING INSERT	<b>8,465,826</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION SYSTEM AND METHOD WITH STOCK SUPPLY ALIGNMENT/ Alias: Fillpak TT Mobile Paper Cart Alignment (Rotatable TT and Guide Rail)	<b>9,533,465</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION SYSTEM AND METHOD WITH STOCK SUPPLY ALIGNMENT Alias: Fillpak TT Mobile Paper Cart (Adjustable Wind Guard)	<b>10,093,070</b>	<b>Ranpak Corp.</b>
REDUCED FOOTPRINT DUNNAGE CONVERSION SYSTEM AND METHOD Alias: TwistPak	<b>9,676,586</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION MACHINE AND METHOD WITH SEQUENTIAL STOCK ROLL STORAGE AND LOADING	<b>9,914,279</b>	<b>Ranpak Corp.</b>
THERMAL INSULATION DUNNAGE AND METHOD Alias: Thermal Insulation Pads	<b>10,099,836</b>	<b>Ranpak Corp.</b>
CUSHIONING WRAP MATERIAL AND APPARATUS AND METHODS OF MAKING SAME (GEAMI - READY ROLL)	<b>9,963,283</b>	<b>Ranpak Corp.</b>
APPARATUS AND METHOD FOR DISPENSING CUSHIONING WRAP MATERIAL Alias: Geami Manual Expander	<b>9,701,091</b>	<b>Ranpak Corp.</b>
DISPENSING APPARATUS FOR CUSHIONING WRAP MATERIAL	<b>D735,488</b>	<b>Ranpak Corp.</b>
DISPENSING APPARATUS FOR CUSHIONING WRAP MATERIAL (GEAMI - EXBOX)	<b>D749,871</b>	<b>Ranpak Corp.</b>
APPARATUS AND METHODS FOR DISPENSING CUSHIONING WRAP MATERIAL (GEAMI - EXBOX)	<b>9,376,280</b>	<b>Ranpak Corp.</b>
DUNNAGE COVER Alias: Staples PullPak Box	<b>D784825</b>	<b>Ranpak Corp.</b>
MOTOR FREE DUNNAGE CONVERTING SYSTEM	<b>7,585,268</b>	<b>Ranpak Corp.</b>
MULTI-FUNCTIONING INSERT	<b>8,465,826</b>	<b>Ranpak Corp.</b>

## PATENT APPLICATIONS

<b>DESCRIPTION</b>	<b>APPLICATION NO.</b>	<b>APPLICANT</b>
FILLPAK TT (COMPACT DUNNAGE CONVERTER)	<b>13/832,044</b>	<b>Ranpak Corp.</b>
PACKAGING SYSTEM AND METHOD WITH CONTROLLED DUNNAGE DISPENSING; Alias: Smart Batch Void Measurement	<b>16/061,175</b>	<b>Ranpak Corp.</b>
VOID-FILL DUNNAGE CONVERSION MACHINE, STOCK MATERIAL SUPPORT, AND METHOD; ALIAS: FILLPAK (MULTI-CHAMBER FAN-FOLD SUPPLY)	<b>15/077,549</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION MACHINE AND METHOD Alias: WrapPak (Wrapping Product)	<b>15/604,982</b>	<b>Ranpak Corp.</b>
DUNNAGE SYSTEM WITH COILER, AUTOMATED TAPING AND EJECTING APPARATUS AND METHOD	<b>14/767,047</b>	<b>Ranpak Corp.</b>
(DUNNAGE CONVERSION MACHINE, HELICALLY-CRUMPLED DUNNAGE PRODUCT AND METHOD); Alias: DaVinci Project	<b>14/777,327</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION MACHINE JAM-DETECTION SYSTEM AND METHOD	<b>14/891,512</b>	<b>Ranpak Corp.</b>
THERMAL INSULATION DUNNAGE PRODUCT; Alias: Thermal Insulation Pads	<b>16/133,747</b>	<b>Ranpak Corp.</b>
MACHINE AND METHOD FOR PRODUCING DUNNAGE HAVING AN X-SHAPED CROSS-SECTIONAL PROFILE	<b>15/308,227</b>	<b>Ranpak Corp.</b>
ALIAS:Accufill with Random Taper and Auto-Accelerator; PACKAGING SYSTEM WITH ADJUSTABLE CONTAINER CLOSER	<b>14/429,231</b>	<b>Ranpak Corp.</b>
A STAND FOR A SELF-CONTAINED CARTRIDGE AND METHOD FOR MANUALLY DISPENSING AN EXPANDABLE CUSHIONING WRAP (Alias: Geami's ManEx Expander Cartridge)	<b>14/897,526</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION SYSTEM AND METHOD FOR EXPANDING PRE-SLIT SHEET STOCK MATERIAL	<b>15/541,414</b>	<b>Ranpak Corp.</b>
APPARATUS AND METHOD FOR EXPANDING A SLIT SHEET MATERIAL TO FORM AN EXPANDED PACKAGING PRODUCT(Alias: Geami Anti-Jamming Guidewires)	<b>15/526,180</b>	<b>Ranpak Corp.</b>
METHOD OF LOADING A DUNNAGE CONVERSION MACHINE AND SHEET STOCK MATERIAL USEFUL THEREIN (Alias: EZ Splice Rolls)	<b>15/574,023</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION SYSTEM AND METHOD FOR EXPANDING PRE-SLIT SHEET STOCK MATERIAL; Alias: Improved Geami Manual Expander	<b>15/751,494</b>	<b>Ranpak Corp.</b>
DUNNAGE SYSTEM AND METHOD USING A COIL ACCUMULATOR; Alias: Coiler Tube Accumulator	<b>15/768,163</b>	<b>Ranpak Corp.</b>
LOW COST MANUAL EXPANDING-DUNNAGE COVERSION APPARATUS; Alias: Geami All-Paper Exbox	<b>15/763,885</b>	<b>Ranpak Corp.</b>
CUTTING MECHANISM FOR A DUNNAGE CONVERSION MACHINE AND METHOD; Alias: Auto-Adjusting Cutter and Blade Guard	<b>16/097,478</b>	<b>Ranpak Corp.</b>
STOCK SUPPLY ASSEMBLY AND METHOD FOR LOADING A DUNNAGE CONVERSION MACHINE	<b>15/573,775</b>	<b>Ranpak Corp.</b>

**2) Reel/Frame 049391/0287, Goldman Sachs lien from June 3, 2019**

**PATENTS**

<b>DESCRIPTION</b>	<b>SERIAL NUMBER</b>	<b>REGISTERED OWNER</b>
NATUREMBAL IMPROVEMENTS(CONVERTER AND METHODPROVIDING VARIABLE SPEED RATIO)/ (CUSHIONING CONVERSION MACHINE AND METHOD)	<b>6,783,489</b>	<b>Ranpak Corp.</b>
CONVERTER AND STOCK ROLL STORAGE RACK THAT SUPPORTS A ROLL AT LOADING LEVEL(PAPER ROLL STAND)/ (CUSHIONING CONVERSION SYSTEM AND METHOD WITH COMBINATION STOCK ROLL STORAGE RACK	<b>6,095,454</b>	<b>Ranpak Corp.</b>
PROJECT2000(PACKAGING SYSTEM WITH AUDIBLE OR VISUAL OUTPUT COORDINATED WITH INSTRUCTIONS FOR PACKAGAING SUPPLY)/ (CUSHIONING CONVERSION SYSTEM AND METHOD)	<b>6,877,297</b>	<b>Ranpak Corp.</b>
CUSHIONING CONVERSION SYSTEM AND METHOD	<b>8,683,777</b>	<b>Ranpak Corp.</b>
CONVERTER WITH COINING GEAR MODIFIED CUTTING RING HAVING RADIALLY RELIEVED CUTTING EDGES/ (CUSHIONING CONVERSION MACHINE AND METHOD WITH STITCHING ASSEMBLIES)	<b>6,387,029</b>	<b>Ranpak Corp.</b>
PAD INSERTION ASSEMBLY/ (DUNNAGE PAD PRODUCTION AND PACKAGING SYSTEM)	<b>7,866,125</b>	<b>Ranpak Corp.</b>
CONVERTER HAVING FORMER WITH EXPANDING MANDREL PORTIONS(FORMERLY PAD EXPANDER)/ (CUSHIONING CONVERSION MACHINE AND METHOD)	<b>6,626,812</b>	<b>Ranpak Corp.</b>
CONVERTER WITH TRAILING CUTTING BLADE SHUTTER(FORMERLY PPC-5 REVISED PAPER THREADING AND CUTTING)/ (CUSHIONING CONVERSION MACHINE AND METHOD WITH PLURAL CONSTANT ENTRY ROLLERS AND MOVING....	<b>7,041,043</b>	<b>Ranpak Corp.</b>
CONVERTER/METHOD HAVING TRANSVERSE MEMBER WITH INWARDLY TAPERED END(FORMERLY IMPROVED SEPARATOR)/ (CUSHIONING CONVERSION MACHINE AND METHOD)	<b>6,200,251</b>	<b>Ranpak Corp.</b>
CONVERTER WITH BIASED CONSTANT-ENTRY MEMBER/ (CUSHIONING CONVERSION MACHINE AND METHOD)	<b>6,610,001</b>	<b>Ranpak Corp.</b>



BROADENED CONVERTER WITH TRANSVERSE MEMBER THAT ALLOWS LATERAL EDGES TO TURN INWARDLY)(FORMERLY ROUNDED END SEPARATOR)/ (CUSHIONING CONVERSION MACHINE AND METHOD)	<b>6,758,801</b>	<b>Ranpak Corp.</b>
HEAVY-DUTY DUNNAGE CONVERTER(CONVERTER WITH QUICK-RELEASE GEAR CARRIER)/ (CUSHIONING CONVERSION MACHINE HAVING HEAVY DUTY CHARACTERISTICS)	<b>7,083,560</b>	<b>Ranpak Corp.</b>
VOID FILL CONVERTER/ (DUNNAGE CONVERSION MACHINE, METHOD AND DUNNAGE PRODUCT)	<b>7,044,903</b>	<b>Ranpak Corp.</b>
VOID FILL DUNNAGE PRODUCT AND METHOD(SPACED FOLDED-OVER PORTIONS)/ (DUNNAGE CONVERSION MACHINE, METHOD AND DUNNAGE PRODUCT)	<b>7,351,466</b>	<b>Ranpak Corp.</b>
MATPAK/(PACKING PRODUCT AND APPARATUS AND METHOD FOR MANUFACTURING)	<b>7,452,316</b>	<b>Ranpak Corp.</b>
FILLPAK(CONVERTER WITH GATHERING PADDLES)/ (DUNNAGE CONVERSION MACHINE WITH TRANSLATING GRIPPERS, AND METHOD AND PRODUCT)	<b>6,676,589</b>	<b>Ranpak Corp.</b>
FILLPAK(GATHERING AND Laterally CAPTURING METHOD AND PRODUCT WITH CRUMPLED IRREGULAR LOBES)/ (DUNNAGE CONVERSION MACHINE WITH TRANSLATING GRIPPERS, AND METHOD AND PRODUCT)	<b>7,125,375</b>	<b>Ranpak Corp.</b>
FILLPAK (DUNNAGE CONVERSION MACHINE WITH WIDE PADDLES)	<b>7,850,589</b>	<b>Ranpak Corp.</b>
DUNNAGE PRODUCT WITH CRUMPLED MULT-LOBED UNDULATING BODY	<b>8,999,490</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION MACHINE WITH TRANSLATING GRIPPERS, AND METHOD AND PRODUCT	<b>8,177,701</b>	<b>Ranpak Corp.</b>
CONVERTER HAVING TEAR FREE SPIDER FORMER WITH LATERAL RECESSES AND ANGLES SIDE EDGES/ (CUSHIONING CONVERSION MACHINE AND METHOD)	<b>6,699,167</b>	<b>Ranpak Corp.</b>
STOCK MATERIAL WITH PRESSURE-SENSITIVE ADHESIVE AND RELEASE LINER ON END(FORMERLY POST-IT SPLICING STOCK MATERIAL)/ (METHOD OF LOADING A CUSHIONING CONVERSION MACHINE AND SHEET STOCK....	<b>6,756,096</b>	<b>Ranpak Corp.</b>
POST-IT SPLICING METHOD(REMOVING RELEASE LINER FROM PRESSURESENSITIVE ADHESIVE)/ (METHOD OF LOADING A CUSHIONING CONVERSION MACHINE AND SHEET STOCK MATERIAL SUPPLY USEFUL WITHIN)	<b>6,887,329</b>	<b>Ranpak Corp.</b>
CONVERSION SYSTEM AND METHOD WITH TILTABLE PAD SUPPORT(FORMERLY CUSTOM DROP GATE)/ (CUSHIONING CONVERSION SYSTEM WITH DUNNAGE PAD TRANSFER MECHANISM)	<b>6,718,729</b>	<b>Ranpak Corp.</b>
COILER STAPLER/ (SYSTEM AND METHOD FOR MAKING A COILED STRIP OF DUNNAGE)	<b>7,803,100</b>	<b>Ranpak Corp.</b>
ACCUFILL(FORMERLY CUBIMETER) / (PACKAGING SYSTEM WITH VOID FILL MEASUREMENT)	<b>7,337,595</b>	<b>Ranpak Corp.</b>
PACKAGING METHOD WITH VOID-FILL DENSITY DETERMINATION	<b>8,087,218</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERTER SYSTEM	<b>6,918,489</b>	<b>Ranpak Corp.</b>

SECOND GENERATION FILLPAK(FILL PAK STAND)/ (DUNNAGE CONVERTER SYSTEM)	<b>7,614,994</b>	<b>Ranpak Corp.</b>
OUTPUT CHUTE GUARD-RECESS COMBINATION/ (DUNNAGE CONVERSION MACHINE AND OUTPUT CHUTE GUARD)	<b>7,572,216</b>	<b>Ranpak Corp.</b>
AUTOFILL I!(CAMP-AUTOMATED FLOWABLE DUNNAGE DISPENSER)/ (AUTOMATED FLOWABLE DUNNAGE DISPENSING SYSTEM AND METHOD)	<b>7,849,664</b>	<b>Ranpak Corp.</b>
FILLPAK TT2(CONVERTER WITH REVERSING AUTO-TEAR APPARATUS)/ (CUTTERLESS DUNNAGE CONVERTER AND METHOD)	<b>7,186,208</b>	<b>Ranpak Corp.</b>
TABLETOP FILLPAK II(INTERNAL GUIDES)/ (CUTTERLESS DUNNAGE CONVERTER AND METHOD)	<b>7,407,471</b>	<b>Ranpak Corp.</b>
FILLPAK TT2 (PASSIVE RESTRAINT)/ (CUTTERLESS DUNNAGE CONVERTER AND METHOD)	<b>9,370,914</b>	<b>Ranpak Corp.</b>
PAD DROP ORIENTING DEVICE WITH CUSTOM DROP GATE/ (PACKAGING SYSTEM WITH DUNNAGE DELIVERY ASSEMBLY)	<b>7,665,275</b>	<b>Ranpak Corp.</b>
ANTI-JAMMING GUIDE SHOE/ (DUNNAGE CONVERSION MACHINE WITH FLOATING GUIDES)	<b>7,740,573</b>	<b>Ranpak Corp.</b>
FAN FOLD PAPER WITH MODIFIED PERFORATION/ (SELECTIVELY TEARABLE STOCK MATERIAL FOR A DUNNAGE CONVERSION MACHINE AND METHOD)	<b>7,815,989</b>	<b>Ranpak Corp.</b>
PADPAK LC(SEGMENTED ROLLERS)(FORMERLY SINGLE PLY CONVERTER) / (DUNNAGE CONVERSION MACHINE AND METHOD)	<b>7,722,519</b>	<b>Ranpak Corp.</b>
AUTOFILL III/ (AUTOMATED DUNNAGE FILLING SYSTEM AND METHOD)	<b>7,788,884</b>	<b>Ranpak Corp.</b>
AUTOFILL III/ (AUTOMATED DUNNAGE FILLING SYSTEM AND METHOD)	<b>9,321,234</b>	<b>Ranpak Corp.</b>
APPARATUS AND METHOD FOR MAKING A WRAPPABLE PACKAGING PRODUCT	<b>9,205,621</b>	<b>Ranpak Corp.</b>
AUTOMATED PACKAGING SYSTEM AND METHOD(WITH ROUTING MECHANISM FOR DISPENSERS ON SEPARATE PATHS)/ (PACKAGING SYSTEM AND METHOD)	<b>7,584,592</b>	<b>Ranpak Corp.</b>
AUTOMATED CLOSED BOX DETECTION/ (PACKAGING SYSTEM AND METHOD FOR CLOSED CONTAINER DETECTION)	<b>7,814,734</b>	<b>Ranpak Corp.</b>
PACKAGING SYSTEM AND METHOD WITH FREIGHT RATE ANALYSIS	<b>8,341,092</b>	<b>Ranpak Corp.</b>
MANUAL DUNNAGE CONVERTING SYSTEM	<b>8,425,393</b>	<b>Ranpak Corp.</b>
MANUAL DUNNAGE CONVERTING SYSTEM AND METHOD	<b>7,794,382</b>	<b>Ranpak Corp.</b>
COMPACT DUNNAGE CONVERTER (ALIAS: FILLPAK TT (INLET CONSTRUCTION))	<b>8,419,606</b>	<b>Ranpak Corp.</b>
ACCUFILL III RED LIGHT/GREEN LIGHT/ (PACKAGING SYSTEM WITH VOLUME MEASUREMENT)	<b>7,814,733</b>	<b>Ranpak Corp.</b>
TOP-FILLING DUNNAGE CONVERSION MACHINE AND METHOD	<b>8,435,165</b>	<b>Ranpak Corp.</b>
PACKAGING SYSTEM AND METHOD WITH CONTROLLED DUNNAGE DISPENSING Alias: Smart Batch System/Method with Height Detection for Predetermined Dunnage Quantity Selection	<b>9,994,346</b>	<b>Ranpak Corp.</b>
SYSTEM AND METHOD FOR SEALING PACKING CONTAINERS	<b>8,499,532</b>	<b>Ranpak Corp.</b>

MANUALLY ASSISTED VOID-FILL DUNNAGE DISPENSING SYSTEM AND METHOD/ ALIAS: MANUALLY-ASSISTED ACCUFILL (MULTIPLE OPTION RELATIVE BOX FULLNESS SELECTION)	<b>9,403,612</b>	<b>Ranpak Corp.</b>
MANUALLY-ASSISTED VOID-FILL DUNNAGE DISPENSING SYSTEM AND METHOD	<b>8,997,440</b>	<b>Ranpak Corp.</b>
VOID-FILL DUNNAGE CONVERSION MACHINE, STOCK MATERIAL SUPPORT, AND METHOD; Alias: Next Generation FillPak (Entry Guide Rotatable About Machine Axis)	<b>9,321,235</b>	<b>Ranpak Corp.</b>
WRAPPK CONVERTER AND METHOD/ (DUNNAGE CONVERSION MACHINE AND METHOD)	<b>7,955,245</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION MACHINE AND METHOD	<b>8,177,697</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION MACHINE AND METHOD Alias: WrapPak (Stripper Bars and Wrappak Product)	<b>9,669,596</b>	<b>Ranpak Corp.</b>
DROP AND SLIDE MECHANISM FOR USE WITH DUNNAGE CONVERSION MACHINE AND METHOD	<b>8,944,982</b>	<b>Ranpak Corp.</b>
CARRIER FOR A BUNDLE OF FAN FOLDED SHEET MATERIAL TO BE CONVERTED INTO DUNNAGE Alias: Angle Carrier for Paper Bundles Requiring a Splice	<b>9,505,549</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION MACHINE AND METHOD WITH DOWNSTREAM FEED MONITOR	<b>9,884,465</b>	<b>Ranpak Corp.</b>
MULTI-FUNCTIONING INSERT	<b>8,465,826</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION SYSTEM AND METHOD WITH STOCK SUPPLY ALIGNMENT/ Alias: Fillpak TT Mobile Paper Cart Alignment (Rotatable TT and Guide Rail)	<b>9,533,465</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION SYSTEM AND METHOD WITH STOCK SUPPLY ALIGNMENT Alias: Fillpak TT Mobile Paper Cart (Adjustable Wind Guard)	<b>10,093,070</b>	<b>Ranpak Corp.</b>
REDUCED FOOTPRINT DUNNAGE CONVERSION SYSTEM AND METHOD Alias: TwistPak	<b>9,676,586</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION MACHINE AND METHOD WITH SEQUENTIAL STOCK ROLL STORAGE AND LOADING	<b>9,914,279</b>	<b>Ranpak Corp.</b>
THERMAL INSULATION DUNNAGE AND METHOD Alias: Thermal Insulation Pads	<b>10,099,836</b>	<b>Ranpak Corp.</b>
CUSHIONING WRAP MATERIAL AND APPARATUS AND METHODS OF MAKING SAME (GEAMI - READY ROLL)	<b>9,963,283</b>	<b>Ranpak Corp.</b>
APPARATUS AND METHOD FOR DISPENSING CUSHIONING WRAP MATERIAL Alias: Geami Manual Expander	<b>9,701,091</b>	<b>Ranpak Corp.</b>
DISPENSING APPARATUS FOR CUSHIONING WRAP MATERIAL	<b>D735,488</b>	<b>Ranpak Corp.</b>
DISPENSING APPARATUS FOR CUSHIONING WRAP MATERIAL (GEAMI - EXBOX)	<b>D749,871</b>	<b>Ranpak Corp.</b>
APPARATUS AND METHODS FOR DISPENSING CUSHIONING WRAP MATERIAL (GEAMI - EXBOX)	<b>9,376,280</b>	<b>Ranpak Corp.</b>
DUNNAGE COVER Alias: Staples PullPak Box	<b>D784825</b>	<b>Ranpak Corp.</b>
MOTOR FREE DUNNAGE CONVERTING SYSTEM	<b>7,585,268</b>	<b>Ranpak Corp.</b>
MULTI-FUNCTIONING INSERT	<b>8,465,826</b>	<b>Ranpak Corp.</b>

## PATENT APPLICATIONS

<b>DESCRIPTION</b>	<b>APPLICATION NO.</b>	<b>APPLICANT</b>
FILLPAK TT (COMPACT DUNNAGE CONVERTER)	<b>13/832,044</b>	<b>Ranpak Corp.</b>
PACKAGING SYSTEM AND METHOD WITH CONTROLLED DUNNAGE DISPENSING; Alias: Smart Batch Void Measurement	<b>16/061,175</b>	<b>Ranpak Corp.</b>
VOID-FILL DUNNAGE CONVERSION MACHINE, STOCK MATERIAL SUPPORT, AND METHOD; ALIAS: FILLPAK (MULTI-CHAMBER FAN-FOLD SUPPLY)	<b>15/077,549</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION MACHINE AND METHOD Alias: WrapPak (Wrapping Product)	<b>15/604,982</b>	<b>Ranpak Corp.</b>
DUNNAGE SYSTEM WITH COILER, AUTOMATED TAPING AND EJECTING APPARATUS AND METHOD	<b>14/767,047</b>	<b>Ranpak Corp.</b>
(DUNNAGE CONVERSION MACHINE, HELICALLY-CRUMPLED DUNNAGE PRODUCT AND METHOD); Alias: DaVinci Project	<b>14/777,327</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION MACHINE JAM-DETECTION SYSTEM AND METHOD	<b>14/891,512</b>	<b>Ranpak Corp.</b>
THERMAL INSULATION DUNNAGE PRODUCT; Alias: Thermal Insulation Pads	<b>16/133,747</b>	<b>Ranpak Corp.</b>
MACHINE AND METHOD FOR PRODUCING DUNNAGE HAVING AN X-SHAPED CROSS-SECTIONAL PROFILE	<b>15/308,227</b>	<b>Ranpak Corp.</b>
ALIAS:Accufill with Random Taper and Auto-Accelerator; PACKAGING SYSTEM WITH ADJUSTABLE CONTAINER CLOSER	<b>14/429,231</b>	<b>Ranpak Corp.</b>
A STAND FOR A SELF-CONTAINED CARTRIDGE AND METHOD FOR MANUALLY DISPENSING AN EXPANDABLE CUSHIONING WRAP (Alias: Geami's ManEx Expander Cartridge)	<b>14/897,526</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION SYSTEM AND METHOD FOR EXPANDING PRE-SLIT SHEET STOCK MATERIAL	<b>15/541,414</b>	<b>Ranpak Corp.</b>
APPARATUS AND METHOD FOR EXPANDING A SLIT SHEET MATERIAL TO FORM AN EXPANDED PACKAGING PRODUCT(Alias: Geami Anti-Jamming Guidewires)	<b>15/526,180</b>	<b>Ranpak Corp.</b>
METHOD OF LOADING A DUNNAGE CONVERSION MACHINE AND SHEET STOCK MATERIAL USEFUL THEREIN (Alias: EZ Splice Rolls)	<b>15/574,023</b>	<b>Ranpak Corp.</b>
DUNNAGE CONVERSION SYSTEM AND METHOD FOR EXPANDING PRE-SLIT SHEET STOCK MATERIAL; Alias: Improved Geami Manual Expander	<b>15/751,494</b>	<b>Ranpak Corp.</b>
DUNNAGE SYSTEM AND METHOD USING A COIL ACCUMULATOR; Alias: Coiler Tube Accumulator	<b>15/768,163</b>	<b>Ranpak Corp.</b>
LOW COST MANUAL EXPANDING-DUNNAGE COVERSION APPARATUS; Alias: Geami All-Paper Exbox	<b>15/763,885</b>	<b>Ranpak Corp.</b>
CUTTING MECHANISM FOR A DUNNAGE CONVERSION MACHINE AND METHOD; Alias: Auto-Adjusting Cutter and Blade Guard	<b>16/097,478</b>	<b>Ranpak Corp.</b>
STOCK SUPPLY ASSEMBLY AND METHOD FOR LOADING A DUNNAGE CONVERSION MACHINE	<b>15/573,775</b>	<b>Ranpak Corp.</b>

**3) Reel/Frame 051002/0970, Goldman Sachs lien from November 13, 2019**

**PATENT APPLICATIONS**

<b>APPLICANT</b>	<b>APPLICATION NO.</b>	<b>DESCRIPTION</b>
Ranpak Corp.	16/497,174	DUNNAGE CONVERSION MACHINE HAYING A VARIABLE SPACING FOR EXPANDABLE SLIT-SHEET STOCK MATERIAL (Alias: Variable Spacing/Tension for Expandable Slit-Sheet Stock Material)
Ranpak Corp.	62/906,506	SUPPLY OF SHEET STOCK MATERIAL FOR A DUNNAGE CONVERSION MACHINE AND A METHOD OF CONVERTING SAME INTO A DUNNAGE PRODUCT (Alias: C-Fold Splicing Alternatives)

**4) Reel/Frame 052565/0585, Goldman Sachs lien from May 4, 2020**

**PATENT REGISTRATIONS**

<b>REGISTRANT</b>	<b>PATENT NO.</b>	<b>ISSUE DATE</b>	<b>DESCRIPTION</b>
Ranpak Corp.	D874,529	02/04/2020	DUNNAGE CONVERSION MACHINE (Alias: WrapPak 2016 Housing Design)

**PATENT APPLICATIONS**

<b>APPLICANT</b>	<b>APPLICATION NO.</b>	<b>FILE DATE</b>	<b>DESCRIPTION</b>
Ranpak Corp.	62/990,923	03/17/2020	DUNNAGEPRODUCT TRANSFER USING AN ALIGNMENT REFERENCE PLANE (Alias: Accufill Integration With Pads Used As Top Fill)

Ranpak Corp.	62/987,025	03/09/2020	DUNNAGE CONVERSION MACHINE FOR PRODUCING A DUNNAGEPAD HAYING SLITSHEET MATERIAL THEREIN (Alias: Geami Insulating Liner)
Ranpak Corp.	63/001,067	03/27/2020	BAG FORMING APPARATUS (Alias: Table Top Bag Former)
Ranpak Corp.	16/741,480	01/13/2020	DUNNAGE CONVERSION MACHINE, HELICALLY- CRUMPLED DUNNAGEPRODUCT AND METHOD (Alias: DaVinci Project)

**5) Reel/Frame 054299/0378, Goldman Sachs lien from November 2, 2020**

PATENT APPLICATIONS

APPLICANT	APPLICATION NO.	FILE DATE	DESCRIPTION
Ranpak Corp.	63/056,822	07/27/2020	ALL-PAPER EXPANDABLE PADDED MAILER (Alias: Geami All- Paper Mailer)

**6) Reel/Frame 055334/0480, Goldman Sachs lien from February 18, 2021**

PATENT APPLICATIONS

APPLICANT	APPLICATION NO.	FILE DATE	DESCRIPTION
Ranpak Corp.	63/113,227	11/13/2020	DUNNAGE CONVERSION MACHINE AND METHOD WITH ASSISTED TEAR APPARATUS; (Alias: Trident Assisted- Tear Assembly)

**7) Reel/Frame 056136/0057, Goldman Sachs lien from May 3, 2021**

PATENT REGISTRATIONS

<b>REGISTRANT</b>	<b>PATENT NO.</b>	<b>PATENT DATE</b>	<b>DESCRIPTION</b>
Ranpak Corp.	10,926,504	02/23/2021	STOCK SUPPLY ASSEMBLY AND METHOD FOR LOADING A DUNNAGE CONVERSION MACHINE; Alias: Easy Loading TT Cutter

**PATENT APPLICATIONS**

<b>APPLICANT</b>	<b>APPLICATION NO.</b>	<b>FILE DATE</b>	<b>DESCRIPTION</b>
Ranpak Corp.	63/135,282	01/08/2021	DUNNAGE CONVERSION SYSTEM WITH COILER AND METHOD; Alias: Coiling Method with Recipe Mode

**8) Reel/Frame 057090/0191, Goldman Sachs lien from August 4, 2021**

**PATENT APPLICATIONS**

<b>APPLICANT</b>	<b>APPLICATION NO.</b>	<b>FILE DATE</b>	<b>DESCRIPTION</b>
Ranpak Corp.	63/196,291	06/03/2021	APPARATUS AND METHOD FOR DISPENSING A CUSHIONING WRAP MATERIAL

**9) Reel/Frame 058457/0063, Goldman Sachs lien from November 3, 2021**

**PATENT REGISTRATIONS**

<b>REGISTRANT</b>	<b>REGISTRATION NO.</b>	<b>FILE DATE</b>	<b>DESCRIPTION</b>
Ranpak Corp.	11,084,241	08/10/2021	DUNNAGE SYSTEM WITH COILER, AUTOMATED TAPING AND EJECTING APPARATUS AND METHOD (Alias: BV Taping Coiler Method)
Ranpak Corp.	11,078,040	08/03/2021	STAND FOR A SELF-CONTAINED CARTRIDGE AND METHOD FOR

MANUALLY  
DISPENSING AN  
EXPANDABLE  
CUSHIONING WRAP  
(Alias: Geami's ManEx  
Expander Cartridge  
Method)

## PATENT APPLICATIONS

APPLICANT	APPLICATION NO.	FILE DATE	DESCRIPTION
Ranpak Corp.	17/479,793	09/20/2021	MACHINE AND METHOD FOR PRODUCING DUNNAGE HAYING AN X-SHAPED CROSS-SECTIONAL PROFILE (Alias: FillPak Extreme (Conversion Method))
Ranpak Corp.	PCT/US2021/042688	07/22/2021	ALL-PAPER EXPANDABLE PADDED MAILER
Ranpak Corp.	17/369,553	07/07/2021	DUNNAGE SYSTEM WITH COILER, AUTOMATED TAPING AND EJECTING APPARATUS AND METHOD (Alias: BV Taping Coiler (Coil Auto-Ejecting Lever Arm))

## 10) Reel/Frame 058703/0359, Goldman Sachs lien from January 11, 2022

## PATENT REGISTRATIONS

None.

## PATENT APPLICATIONS

APPLICANT	APPLICATION NO.	FILE DATE	DESCRIPTION
Ranpak Corp.	63/263,205	10/28/2021	APPARATUS AND METHOD FOR MAKING A POUCH PACKAGE; Alias: On-Demand Mailer
Ranpak Corp.	17/455,369	11/17/2021	DUNNAGE CONVERSION MACHINE AND METHOD; Alias: PadPak



Ranpak Corp.	17/531,962	11/22/2021	SP DUNNAGE CONVERSION SYSTEM AND METHOD FOR EXPANDING PRE-SLIT SHEET STOCK MATERIAL; Alias: Fillpak Slit Paper Expander Method
Ranpak Corp.	29/790,978	12/23/2021	APPARATUS FOR DISPENSING A CUSHIONING WRAP MATERIAL; Alias: Geami Cash Wrap Design

**11) Reel/Frame 059634/0852, Goldman Sachs lien from April 7, 2022**

**PATENT REGISTRATIONS**

<b>REGISTRANT</b>	<b>REGISTRATION NO.</b>	<b>REGISTRATION DATE</b>	<b>DESCRIPTION</b>
Ranpak Corp.	11279107	03/22/2022	DUNNAGE CONVERSION MACHINE AND METHOD; Alias: Wrappak Shard Reduction (Stretching at Cutter)

**PATENT APPLICATIONS**

<b>APPLICANT</b>	<b>APPLICATION NO.</b>	<b>FILE DATE</b>	<b>DESCRIPTION</b>
Ranpak Corp.	63/267,162	01/26/2022	LIFTING DEVICE FOR A DUNNAGE CONVERSION MACHINE; Alias: <i>Machine Exchange Lifting System with Universal Coupling</i>
Ranpak Corp.	PCT/US2022/01 1297	01/05/2022	DUNNAGE CONVERSION SYSTEM WITH COILER AND METHOD; Alias: <i>Coiling Method with Recipe Mode</i>

**12) Reel/Frame 060653/0779, Goldman Sachs lien from July 14, 2022**

PATENT REGISTRATIONS

REGISTRANT	REGISTRATION NO.	REGISTRATION DATE	DESCRIPTION
Ranpak Corp.	11325340	05/10/2022	<b>DUNNAGE CONVERSION MACHINE AND METHOD; Alias: WrapPak (Wrapping Product)</b>
Ranpak Corp.	11351750	06/07/2022	<b>EXPANDABLE SLIT-SHEET STOCK MATERIAL, DUNNAGE CONVERSION SYSTEM AND METHOD FOR EXPANDING; Alias: Expandable Slit Sheet Material with Reinforcement Ties</b>
Ranpak Corp.	11358361	06/14/2022	<b>FAN-FOLDED SHEET STOCK MATERIAL SUPPORT FOR USE WITH A DUNNAGE CONVERSION MACHINE AND METHOD; Alias: Mid-Stack Supply Stand</b>
Ranpak Corp.	11358362	06/14/2022	<b>DUNNAGE CONVERSION MACHINE AND METHOD; Alias: WrapPak Paper Cutting Shard Elimination (Reduced Crumpling)</b>
Ranpak Corp.	11352190	06/07/2022	<b>DUNNAGE CONVERSION MACHINE, HELICALLY-CRUMPLED DUNNAGE PRODUCT AND METHOD; Alias: DaVinci Project Tubular Dunnage Product</b>

PATENT APPLICATIONS

APPLICANT	APPLICATION NO.	FILE DATE	DESCRIPTION
Ranpak Corp.	63/267,313	01/31/2022	<b>APPARATUS AND METHOD FOR PRINTING ON A CONTAINER; Alias: Printer Height Adjustment</b>

Ranpak Corp.	63/337,598	05/02/2022	<i>System for Random Packaging</i> PRODUCT PACKAGING MACHINE AND METHOD; <i>Alias: Flap 'It 2.0</i>
Ranpak Corp.	17/742,861	05/12/2022	FAN-FOLDED SHEET STOCK MATERIAL SUPPORT FOR USE WITH A DUNNAGE CONVERSION MACHINE AND METHOD; <i>Alias: Mid-Stack Supply Method</i>

**13) Reel/Frame 061701/0483, Goldman Sachs lien from October 18, 2022**

**PATENT REGISTRATIONS**

REGISTRANT	REGISTRATION NO.	REGISTRATION DATE	DESCRIPTION
Ranpak Corp.	11383476	07/12/2022	COMPACT MANUAL DUNNAGE CONVERSION APPARATUS; <i>Alias: Mini ExBox</i>
Ranpak Corp.	11383475	07/12/2022	DUNNAGE CONVERSION MACHINE AND METHOD; <i>Alias: Partial-Cut Strip of Dunnage</i>
Ranpak Corp.	11414223	08/16/2022	SYSTEM AND METHOD FOR OPTIMIZING THE HEIGHT OF A BOX FOR SHIPPING; <i>Alias: E3NEO Sled-Mounted Flap-Foldin.z. Assembly</i>

**PATENT APPLICATIONS**

APPLICANT	APPLICATION NO.	FILE DATE	DESCRIPTION
Ranpak Corp.	17/858,780	07/06/2022	SYSTEM AND METHOD FOR OPTIMIZING THE HEIGHT OF A BOX FOR SHIPPING; <i>Alias: E3neo Cut'It</i>
Ranpak Corp.	29/845,314	07/06/2022	COMPACT MANUAL DUNNAGE CONVERSION APPARATUS; <i>Alias: Geami Mini Exbox Design</i>
Ranpak Corp.	17/906,659	09/19/2022	DUNNAGEPRODUCT TRANSFER USING AN

			ALIGNMENT REFERENCE PLANE <i>Alias: Accufill Integration With Pads Used As Top Fill</i>
Ranpak Corp.	17/905,986	09/09/2022	DUNNAGE CONVERSION MACHINE FOR PRODUCING A DUNNAGEPAD HAVING SLIT-SHEET MATERIAL THEREIN; <i>Alias: Climaliner (Geami Insulatin Liner)</i>
Ranpak Corp.	63/378,047	09/30/2022	END-OF-LINE-BOX PROCESSING ONBOARD AUTONOMOUS MOBILE ROBOTS; <i>Alias: AMR Automation</i>

**14) Reel/Frame 062914/0640, Goldman Sachs lien from March 1, 2023**

PATENT REGISTRATIONS

REGISTRANT	REGISTRATION NO.	REGISTRATION DATE	DESCRIPTION
Ranpak Corp.	11472150	10/18/2022	COMPACT DUNNAGE CONVERTER; <i>Alias: Fillpak TT2 (Constricted Inlet + Narrow Outlet)</i>
Ranpak Corp.	11504937	11/22/2022	LOW COST MANUAL EXPANDING- DUNNAGE CONVERSION APPARATUS; <i>Alias: Geami All-Paper Exbox</i>

PATENT APPLICATIONS

APPLICANT	APPLICATION NO.	FILE DATE	DESCRIPTION
Ranpak Corp.	PCT/US2022/048281	10/28/2022	APPARATUS AND METHOD FOR MAKING A POUCH PACKAGE; <i>Alias: On Demand Mailer</i>
Ranpak Corp.	63/386,987	12/12/2022	BRAKE SYSTEM FOR A DUNNAGE CONVERSION MACHINE; <i>Alias:</i>

			<i>Climaliner Paper Roll Weight-Based Brake</i>
Ranpak Corp.	18/058,558	11/23/2022	DUNNAGE CONVERSION MACHINE, METHOD, AND PRODUCT WITH A POLYGONAL CROSS-SECTION; <i>Alias: Trident Pad</i>

**15) Reel/Frame 063551/0751, Goldman Sachs lien from May 5, 2023**

**PATENT REGISTRATIONS**

<b>REGISTRANT</b>	<b>REGISTRATION NO.</b>	<b>REGISTRATION DATE</b>	<b>DESCRIPTION</b>
Ranpak Corp.	11541621	1/3/2023	DUNNAGE CONVERSION MACHINE, METHOD, AND PRODUCT WITH A POLYGONAL CROSS-SECTION; <i>Alias: Trident Machine and Method</i>
Ranpak Corp.	11577420	2/14/2023	QUICK CHANGE CUTTING BLADE ASSEMBLY AND METHOD; <i>Alias: E3neo Quick Change Module for Blades</i>
Ranpak Corp.	11453521	9/27/2022	AUTOMATIC DUNNAGE CONFORMING APPARATUS AND METHOD

**PATENT APPLICATIONS**

<b>APPLICANT</b>	<b>APPLICATION NO.</b>	<b>FILE DATE</b>	<b>DESCRIPTION</b>
Ranpak Corp.	PCT/US2023/061107	1/23/2023	APPARATUS AND METHOD FOR PRINTING ON A CONTAINER; <i>Alias: Printer Height Adjustment System for Random Packazinz</i>
Ranpak Corp.	18/193,485	3/30/2023	COILERFORA DUNNAGE CONVERSION MACHINE AND METHOD FOR COILING A STRIP OF DUNNAGE; <i>Alias: Coiler</i>

			<i>with Movable Pins for Tizhter Coils</i>
Ranpak Corp.	PCT/US2023/061106	1/23/2023	LIFTING DEVICE FOR A DUNNAGE CONVERSION MACHINE; <i>Alias: Machine Exchange Lifting System with Universal Couplinz</i>
Ranpak Corp.	18/190,665	3/27/2023	APPARATUS AND METHOD FOR MAKING A COIL OF DUNNAGE, <i>Alias: Dancer Roller Controlled Dunnage Coiler Method</i>
Ranpak Corp.	16/314,189	7/25/2019	APPARATUS AND METHOD FOR MAKING A COIL OF DUNNAGE
Ranpak Corp.	16/639,257	8/6/2020	DUNNAGE CONVERSION SYSTEM AND METHOD FOR EXPANDING EXPANDABLE SHEET MATERIAL
Ranpak Corp.	16/647,169	1/28/2021	POWERED OUTLET CHUTE FOR DUNNAGE CONVERSION MACHINE
Ranpak Corp.	17/104,141	3/18/2021	METHOD OF LOADING ADUNNAGE CONVERSION MACHINE AND SHEET STOCK MATERIAL USEFUL THEREIN
Ranpak Corp.	17/048,653	8/5/2021	PACKAGING PRODUCT AND METHODS OF MAKING AND USING
Ranpak Corp.	17/290,158	1/6/2022	SUPPLY OF SHEET STOCK MATERIAL FOR ADUNNAGE CONVERSION MACHINE AND A METHOD OF CONVERTING SAME INTO A DUNNAGE PRODUCT
Ranpak Corp.	17/294,130	1/6/2022	PACKAGING PRODUCT AND METHODS OF MAKING AND USING FOR BOX-LINING
Ranpak Corp.	17/421,906	3/31/2022	COILERFORA DUNNAGE CONVERSION MACHINE AND METHOD FOR COILING A STRIP OF DUNNAGE
Ranpak Corp.	17/442,578	6/2/2022	DUNNAGE CONVERSION MACHINE, METHOD,

			AND PRODUCT WITH A POLYGONAL CROSS-SECTION
Ranpak Corp.	17/432,051	6/16/2022	FORMING ASSEMBLY FOR A DUNNAGE CONVERSION MACHINE, DUNNAGE CONVERSION MACHINE AND PRE-PREPARED SHEET STOCK MATERIAL
Ranpak Corp.	17/594,640	9/15/2022	COMPACT DUNNAGE CONVERSION MACHINE

**16) Reel/Frame 064680/0793, Goldman Sachs lien from July 31, 2023**

PATENT APPLICATIONS

APPLICANT	APPLICATION NO.	FILE DATE	DESCRIPTION
Ranpak Corp.	PCT/US2023/020100	2023-04-27	PRODUCT PACKAGING MACHINE AND METHOD; Alias: FLAP'IT 2.0
Ranpak Corp.	63/501,456	2023-05-11	PRODUCT PACKAGING SYSTEM AND METHOD; Alias: Pad In Bin System
Ranpak Corp.	18/303,153	2023-04-19	DUNNAGE CONVERSION MACHINE AND METHOD; Alias: PadPak SP (Rotatable Output Chute Guard and Method)

**17) Reel/Frame 065220/0621, Goldman Sachs lien from October 12, 2023**

PATENT REGISTRATIONS

REGISTRANT	REGISTRATION NO.	REGISTRATION DATE	DESCRIPTION
Ranpak Corp.	11718060	8/8/2023	POWERED OUTLET CHUTE FOR DUNNAGE CONVERSION MACHINE; Alias: Driven Conveyor Belt Output Chute for Padpak Compact

PATENT APPLICATIONS

<b>APPLICANT</b>	<b>APPLICATION NO.</b>	<b>FILE DATE</b>	<b>DESCRIPTION</b>
Ranpak Corp.	PCT/US2023/075450	9/28/2023	END-OF-LINE-BOX PROCESSING ONBOARD AUTONOMOUS MOBILE ROBOTS

**18) Reel/Frame 066944/0341, Goldman Sachs lien from March 20, 2024**

PATENT APPLICATIONS

<b>APPLICANT</b>	<b>APPLICATION NO.</b>	<b>FILE DATE</b>	<b>DESCRIPTION</b>
Ranpak Corp.	PCT/US2023/082353	12/4/2023	BRAKE SYSTEM FOR A DUNNAGE CONVERSION MACHINE; Alias: Climaliner Paper Roll Weight-Based Brake
Ranpak Corp.	63/595,864	11/3/2023	PACKING SYSTEM WITH FOLDABLE FLAP ROTATION ANGLE DETECTION; Alias: Flap Angle Measurement System
Ranpak Corp.	29/919,591	12/5/2023	DUNNAGE DISPENSER; Alias: Geami MV Design
Ranpak Corp.	63/600,804	11/20/2023	PACKAGING SYSTEM AND METHOD FOR EXPANDABLE PADDED MAILERS; Alias: Mailer Dispenser System and Method

**19) Reel/Frame 067282/0942, Goldman Sachs lien from April 30, 2024**

PATENT APPLICATIONS

<b>APPLICANT</b>	<b>APPLICATION NO.</b>	<b>FILE DATE</b>	<b>DESCRIPTION</b>
Ranpak Corp.	63/623,080	1/19/2024	APPARATUS AND METHOD FOR DISPENSING AN INSULATING DUNNAGE PRODUCT; Alias: Summer Liner/Climaliner Plus
Ranpak Corp.	63/559,957	3/1/2024	MANUAL PACKAGING CREASING ASSEMBLY AND METHOD; Alias: Climaliner Manual Creaser
Ranpak Corp.	63/559,961	3/1/2024	ASSEMBLY AND METHOD FOR SECURING A ROLL OF DUNNAGE STOCK



			MATERIAL ON A SPINDLE; Alias: Climaliner Paper Roll Lock
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**20) Reel/Frame 068340/0213, Goldman Sachs lien from August 6, 2024**

PATENT APPLICATIONS

APPLICANT	APPLICATION NO.	FILE DATE	DESCRIPTION
Ranpak Corp.	PCT/US2024/028425	5/8/2024	PRODUCT PACKAGING SYSTEM AND METHOD; <i>Alias: Pad In Bin System</i>
Ranpak Corp.	63/644,434	5/8/2024	BRAKE SYSTEM FOR A DUNNAGE CONVERSION MACHINE; <i>Alias: Pneumatic Roll Brake</i>
Ranpak Corp.	63/648,118	5/15/2024	APPARATUS AND METHOD FOR MAKING AN INSULATING BAG; <i>Alias: Insulated Stand-Up Bag Apparatus and Method</i>
Ranpak Corp.	63/649,518	5/20/2024	APPARATUS AND METHOD FOR DISPENSING AN INSULATING DUNNAGE PRODUCT; <i>Alias: Stacked Wrapped Climaliner</i>
Ranpak Corp.	63/653,412	5/30/2024	PACKAGING SYSTEM AND METHOD FOR EXPANDABLE PADDED MAILERS; <i>Alias: Automated Mailer On Demand Packaging System (AutoMOD)</i>

**21) Reel/Frame 069136/0559, Goldman Sachs lien from October 9, 2024**

PATENT REGISTRATIONS

REGISTRANT	PATENT NO.	FILE DATE	DESCRIPTION
Ranpak Corp.	12060211	8/13/2024	BOUND PAD OF EXPANDABLE SLIT-SHEET STOCK MATERIAL; <i>Alias: Geami Expandable Die Cut Paper Pad with Interleaf-Tear Sheets</i>

Ranpak Corp.	12037177	7/16/2024	EXPANDABLE PADDED MAILER; <i>Alias: All-Paper Expandable Padded Mailer</i>
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PATENT APPLICATIONS

APPLICANT	APPLICATION NO.	FILE DATE	DESCRIPTION
Ranpak Corp.	63/672,957	7/18/2024	PACKAGING SYSTEM AND METHOD FOR OPENING A MAILER; <i>Alias: Mailer Flip-Up Opening</i>
Ranpak Corp.	63/673,199	7/19/2024	METHOD FOR PREPARING A VISCOELASTIC COOLANT GEL; <i>Alias: Method for Making a Stable Cold Pack Gel</i>
Ranpak Corp.	18/884,206	9/13/2024	DUNNAGE CONVERSION MACHINE AND METHOD; <i>Alias: PadPak SP</i>

**SCHEDULE B**

**Trademarks**

[Attached].

**1) Reel/Frame 6663/0716, Goldman Sachs lien from June 3, 2019**

**TRADEMARKS**

<b>TRADEMARK</b>	<b>REGISTRATION NUMBER</b>	<b>REGISTERED OWNER</b>
PADPAKJR.	1,937,015	Ranpak Corp.
JUNIOR	2,058,679	Ranpak Corp.
BLUE PRODUCT COLOR	2,139,824	Ranpak Corp.
AUTOPAD	1,743,855	Ranpak Corp.
BECAUSE IT'S THE ONLY EARTH WE HAVE	1,632,318	Ranpak Corp.
PAD-N-PAK	1,974,015	Ranpak Corp.
PADPAK	1,281,498	Ranpak Corp.
PADPAK	1,308,628	Ranpak Corp.
RANPAK (SERVICES)	1,938,171	Ranpak Corp.
RANPAK	1,827,420	Ranpak Corp.
RANPAK	1,906,304	Ranpak Corp.
STYLIZED TREE	1,667,638	Ranpak Corp.
STYLIZED TREE	1,755,275	Ranpak Corp.
ACCUFILL	3,319,776	Ranpak Corp.
FillPak TT	3,093,937	Ranpak Corp.
PAPERSTAR	3,366,688	Ranpak Corp.
WRAPPAK	3,790,614	Ranpak Corp.
FILLPAK	4,002,548	Ranpak Corp.
GEAMI	2,643,515	Ranpak Corp.
GREENWRAP READY ROLL	4,493,306	Ranpak Corp.
GREENWRAP READY ROLL & Design	4,493,305	Ranpak Corp.
EXBOX	4,314,878	Ranpak Corp.
GREENFILL	4,837,101	Ranpak Corp.
PAPER IN PLACE	5,151,490	Ranpak Corp.
GREENLINE	5,312,227	Ranpak Corp.
GEAMI PACKAGING WITH A CONSCIENCE	4263708	Ranpak Corp.

**TRADEMARK APPLICATIONS**

<b>TRADEMARK</b>	<b>REGISTRATION NUMBER</b>	<b>REGISTERED OWNER</b>
PADPAK GUARDIAN	88/286,076	Ranpak Corp.

**2) Reel/Frame 6795/0314, Goldman Sachs lien from November 13, 2019**

**TRADEMARK APPLICATIONS**

<b>APPLICANT</b>	<b>APPLICATION NO.</b>	<b>TRADEMARK</b>
Ranpak Corp.	88/563,333	FILLPAK TRIDENT

**3) Reel/Frame 6894/0358, Goldman Sachs lien from May 17, 2020**

**TRADEMARK APPLICATIONS**

<b>APPLICANT</b>	<b>APPLICATION NO.</b>	<b>TRADEMARK</b>
Ranpak Corp.	88/649,607	READY ROLL
Ranpak Corp.	88/675,693	DELIVER A BETTER WORLD
Ranpak Corp.	88/707,349	Stylized Bee Logo

**4) Reel/Frame 6999/0114, Goldman Sachs lien from July 15, 2020**

**TRADEMARK APPLICATIONS**

<b>APPLICANT</b>	<b>APPLICATION NO.</b>	<b>TRADEMARK</b>
Ranpak Corp.	88/902,913	BOX BETTER
Ranpak Corp.	88/903,109	BOXBETTER
Ranpak Corp.	88/932,797	CLIMASURE
Ranpak Corp.	88/943,392	CLIMALINER

**5) Reel/Frame 7279/0502, Goldman Sachs lien from May 3, 2021**

**TRADEMARK REGISTRATIONS**

<b>REGISTRANT</b>	<b>REGISTRATION NO.</b>	<b>REGISTRATION DATE</b>	<b>TRADEMARK</b>
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Ranpak Corp.	6,258,412	01/26/2021	DELIVER A BETTER WORLD
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**6) Reel/Frame 7558/0404, Goldman Sachs lien from January 11, 2022**

TRADEMARK REGISTRATIONS

REGISTRANT	REGISTRATION NO.	REGISTRATION DATE	TRADEMARK
Ranpak Corp.	6603747	12/28/2021	DELIVER A BETTER WORLD

**7) Reel/Frame 7788/0441, Goldman Sachs lien from July 14, 2022**

TRADEMARK APPLICATIONS

APPLICANT	APPLICATION NO.	TRADEMARK
Ranpak Corp.	97/412,630	FILLPAK GO
Ranpak Corp.	97/476,843	AUTOFILL

**8) Reel/Frame 7884/0740, Goldman Sachs lien from October 18, 2022**

TRADEMARK APPLICATIONS

APPLICANT	APPLICATION NO.	TRADEMARK
Ranpak Corp.	97/528,509	CUT'IT!

**9) Reel/Frame 7990/0404, Goldman Sachs lien from March 1, 2023**

TRADEMARK APPLICATIONS

APPLICANT	APPLICATION NO.	TRADEMARK
Ranpak Corp.	97/672,252	DELIVER A BETTER WORLD

**10) Reel/Frame 8062/0948, Goldman Sachs lien from May 5, 2023**

TRADEMARK APPLICATIONS

APPLICANT	APPLICATION NO.	TRADEMARK
Ranpak Corp.	97/604,048	FORM'IT!

TRADEMARK REGISTRATIONS

REGISTRANT	REGISTRATION NO.	REGISTRATION DATE	TRADEMARK
Ranpak Corp.	5462363	5/8/2018	RECYCOLD

**11) Reel/Frame 8151/0808, Goldman Sachs lien from July 31, 2023**

TRADEMARK REGISTRATIONS

REGISTRANT	REGISTRATION NO.	REGISTRATION DATE	TRADEMARK
Ranpak Corp.	7076442	6/6/2023	NATUREWRAP
Ranpak Corp.	7076443	6/6/2023	NATUREFILL

**12) Reel/Frame 8383/0204, Goldman Sachs lien from March 20, 2024**

TRADEMARK APPLICATIONS

APPLICANT	APPLICATION NO.	TRADEMARK
Ranpak Corp.	97/528,513	FLAP'IT!

**13) Reel/Frame 8539/0284, Goldman Sachs lien from August 6, 2024**

TRADEMARK REGISTRATIONS

REGISTRANT	REGISTRATION NO.	REGISTRATION DATE	TRADEMARK
Ranpak Corp.	7360989	4/16/2024	GEAMI WRAP 'N GO

**SCHEDULE C**

**Copyrights**

[Attached].



**1) Volume/Document V9970D341, Goldman Sachs lien from June 3, 2019**

<b>COPYRIGHT TITLE</b>	<b>REGISTRATION NO.</b>	<b>OWNER</b>
Padpak Dunnage converter trouble shooting service manual	TX0001227972	Ranpak Corporation
Padpak Dunnage system service manual	VA0000348690	Ranpak Corporation
Padpak Jr operator manual	VA0000745672	Ranpak Corporation
Padpak Dunnage material sales manual	VA000351614	Ranpak Corporation
Ranpak converter monitoring program	TX0004383070	Ranpak Corporation
Standard autopad machine control software	TX0004405544	Ranpak Corporation
Custom full size machine control software	TX0004405549	Ranpak Corporation
Standard full size machine control software	TX0004405548	Ranpak Corporation
PLC program for PMMI show	TX0004416584	Ranpak Corporation
Ranpak convertor monitor user's manual	TX0004352654	Ranpak Corporation
Ranpak converter monitoring program 1997	TX0004578698	Ranpak Corporation