

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5622121

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	MOHAWK INDUSTRIES, INC.	03/29/2019
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	ALADDIN MANUFACTURING CORPORATION	
<b>Street Address:</b>	160 SOUTH INDUSTRIAL BLVD.	
<b>City:</b>	CALHOUN	
<b>State/Country:</b>	GEORGIA	
<b>Postal Code:</b>	30701	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	16402583
<b>CORRESPONDENCE DATA</b>		
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<b>Address Line 4:</b>	ROSWELL, GEORGIA 30075	
<b>ATTORNEY DOCKET NUMBER:</b>	1024-02014-US-CON	
<b>NAME OF SUBMITTER:</b>	SCOTT E. BRIENT	
<b>SIGNATURE:</b>	/Scott E. Brient/	
<b>DATE SIGNED:</b>	07/17/2019	
<b>Total Attachments: 8</b>		
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**PATENT**

**REEL: 049775 FRAME: 0754**

### **ASSIGNMENT – WORLDWIDE**

**WHEREAS**, Mohawk Industries, Inc. (the “Assignor”), a Delaware corporation having an address of 160 South Industrial Blvd., Calhoun, Georgia 30701, is the owner of various U.S. patents listed at Schedule A, (hereinafter referred to as the “Patents”);

**WHEREAS**, Aladdin Manufacturing Corporation (hereinafter together with its successors and assigns referred to as the “Assignee”), a Delaware corporation, having an address of 160 South Industrial Blvd., Calhoun, Georgia 30701, is desirous of obtaining any and all right, title and interest in, to and under the Patents; and

**NOW, THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Assignor has sold, assigned, transferred and set over, and by these presents hereby sells, assigns, transfers and sets over to the Assignee any and all right, title and interest in, to and under the Patents, as described in Schedule A, and in and to the invention or inventions described in the Patents in any form or embodiments thereof, also the entire right, title and interest in and to any and all reissues or extensions thereof to be obtained in any and all territories upon the invention, inventions, or improvements and any divisional, continuation, continuation-in-part or substitute applications which may be filed upon the invention, inventions, or improvements in any and all territories, including the right to sue for infringement and collect damages for acts occurring prior to the date of this Assignment and thereafter, and further including the right to claim priority from the Patents in any future patent applications (both inside and outside the U.S).

*(The remaining portion of this page is intentionally left blank. Signatures appear on the next page.)*

IN TESTIMONY WHEREOF, Assignor has executed this document on the date indicated below.

Mohawk Industries, Inc.

By: \_\_\_\_\_

Date: March 29, 2019

Name: Joseph W. Foye

Title: Deputy General Counsel

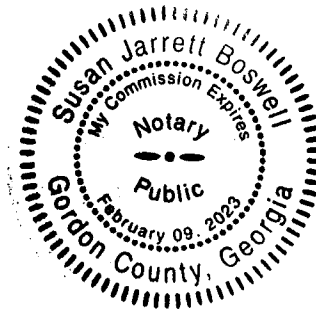
STATE OF Georgia

COUNTY OF Gordon

On this 29th day of March, 2019, before me, the undersigned, personally appeared Joseph W. Foye, to me known and known to me to be the individual described herein, and who executed the foregoing instrument, and he has acknowledged to me that he has executed the same.

Susan Jarrett Boswell  
Notary Public

My commission expires: 2/9/2023



IN TESTIMONY WHEREOF, Assignee has executed this document on the date indicated below.

**Aladdin Manufacturing Corporation**

By: [Signature]

Date: March 29, 2019

Name: Joseph W. Foye

Title: Deputy General Counsel

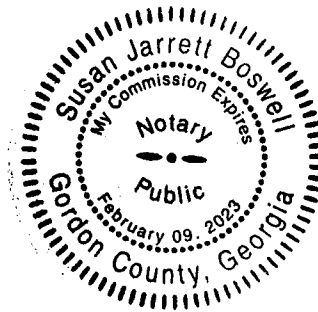
STATE OF Georgia

COUNTY OF Gordon

On this 29<sup>th</sup> day of March, 2019, before me, the undersigned, personally appeared JOSEPH W. FOYE, to me known and known to me to be the individual described herein, and who executed the foregoing instrument, and he has acknowledged to me that he has executed the same.

Susan Jarrett Boswell 2/9/23  
Notary Public

My commission expires:



## SCHEDULE A

### Patents

Title	Country	Application Number	Filing Date	Patent Number	Issue Date
Systems and Methods for Manufacturing Bulked Continuous Fiber	United States of America	61/654,016	May 31, 2012		
Systems and Methods for Manufacturing Bulked Continuous Filament	United States of America	13/721,955	December 20, 2012	8,597,553	December 3, 2013
Systems and Methods for Manufacturing Bulked Continuous Filament	United States of America	13/892,713	May 13, 2013	9,550,338	January 24, 2017
Systems and Methods for Manufacturing Bulked Continuous Filament	United States of America	15/396,143	December 30, 2016		
Systems and Methods for Manufacturing Bulked Continuous Filament	Korea, Republic of	10-2014-7018891	July 8, 2014		
Systems and Methods for Manufacturing Bulked Continuous Filament	Patent Cooperation Treaty	PCT/US2013/040753	May 13, 2013	N/A	N/A
Systems and Methods for Manufacturing Bulked Continuous Filament	Australia	2013267847	March 12, 2014	2013267847	March 5, 2015
System and Methods for Manufacturing Bulked Continuous Filament	Australia	2014215998	August 22, 2014	2014215998	October 13, 2016
Systems and Methods for Manufacturing Bulked Continuous Filament	Australia	2016234917	September 28, 2016	2016234917	June 22, 2017
Systems and Methods for Manufacturing Bulked Continuous Filament	Brazil	1120140091978	April 15, 2014		
Systems and Methods for Manufacturing Bulked Continuous Filament	China (People's Republic)	201380003461.8	May 13, 2013	ZL201380003461.8	December 7, 2016
Systems and Methods for Manufacturing Bulked Continuous Filament	China (People's Republic)	201610974893.9	November 7, 2016		
Systems and Methods for Manufacturing Bulked Continuous Filament	Eurasian Patent Organization	201401327	December 25, 2014		
Systems and Methods for Manufacturing Bulked Continuous Filament	Eurasian Patent Organization	201892584	December 10, 2018		
Systems and Methods for Manufacturing Bulked Continuous Filament	European Patent Convention	13728264.6	May 13, 2013	2748358	March 11, 2015
Systems and Methods for Manufacturing Bulked Continuous Filament	Austria	13728264.6	May 13, 2013	E-715399	March 11, 2015
Systems and Methods for Manufacturing Bulked Continuous Filament	Belgium	13728264.6	May 13, 2013	2748358	March 11, 2015
Systems and Methods for Manufacturing Bulked Continuous Filament	Switzerland	13728264.6	May 13, 2013	2748358	March 11, 2015

<b>Title</b>	<b>Country</b>	<b>Application Number</b>	<b>Filing Date</b>	<b>Patent Number</b>	<b>Issue Date</b>
Systems and Methods for Manufacturing Bulk Continuous Filament	Germany	13728264.6	May 13, 2013	602013001191.5	March 11, 2015
Systems and Methods for Manufacturing Bulk Continuous Filament	European Patent Convention	15158377.0	March 10, 2015		
Systems and Methods for Manufacturing Bulk Continuous Filament	European Patent Convention	18170112.9	April 30, 2018		
Systems and Methods for Manufacturing Bulk Continuous Filament	United Kingdom	13728264.6	May 13, 2013	2748358	March 11, 2015
Systems and Methods for Manufacturing Bulk Continuous Filament	Italy	13728264.6	May 13, 2013	2748358	March 11, 2015
Systems and Methods for Manufacturing Bulk Continuous Filament	Liechtenstein	13728264.6	May 13, 2013	2748358	March 11, 2015
Systems and Methods for Manufacturing Bulk Continuous Filament	Netherlands	13728264.6	May 13, 2013	2748358	March 11, 2015
Systems and Methods for Manufacturing Bulk Continuous Filament	Turkey	13728264.6	May 13, 2013	2748358	March 11, 2015
Systems and Methods for Manufacturing Bulk Continuous Filament	India	2378/CHENP/2014	March 28, 2014		
Systems and Methods for Manufacturing Bulk Continuous Filament	Korea, Republic of	10-2014-7016621	June 18, 2014	10-1502874	March 10, 2015
Systems and Methods for Manufacturing Bulk Continuous Filament	Vietnam	1-2014-01079	April 3, 2014	17103	June 20, 2017
Systems and Methods for Manufacturing Bulk Continuous Filament from Colored Recycled PET	Patent Cooperation Treaty	PCT/US2018/015751	January 29, 2018	N/A	N/A
Systems and Methods for Manufacturing Bulk Continuous Filament from Colored Recycled PET	United States of America	15/419,955	January 30, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	Patent Cooperation Treaty	PCT/US2015/061116	November 17, 2015	N/A	N/A
Systems and Methods for Manufacturing Bulk Continuous Filament	Australia	2015350150	April 11, 2017	2015350150	October 12, 2017
Systems and Methods for Manufacturing Bulk Continuous Filament	Australia	2017232137	September 19, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	Australia	2019200759	February 5, 2019		
Systems and Methods for Manufacturing Bulk Continuous Filament	Brazil	1120170084023	April 24, 2017		

<b>Title</b>	<b>Country</b>	<b>Application Number</b>	<b>Filing Date</b>	<b>Patent Number</b>	<b>Issue Date</b>
Systems and Methods for Manufacturing Bulk Continuous Filament	Canada	2,968,225	May 17, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	China (People's Republic)	201580062419.2	May 17, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	Eurasian Patent Organization	201791090	June 16, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	European Patent Convention	15861605.2	June 5, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	India	201747020554	June 13, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	Korea, Republic of	10-2017-7013776	May 22, 2017	10-1829205	February 8, 2018
Systems and Methods for Manufacturing Bulk Continuous Filament	Mexico	MX/a/2017/005360	April 24, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	Vietnam	1-2017-02146	June 7, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	United States of America	15/473,385	March 29, 2017	10,239,247	March 26, 2019
Systems and Methods for Manufacturing Bulk Continuous Filament	United States of America	16/213,694	December 7, 2018		
Systems and Methods for Manufacturing Bulk Continuous Filament	United States of America	14/546,796	November 18, 2014	9,636,860	May 2, 2017
Method of Manufacturing Bulk Continuous Filaments	United States of America	14/256,261	April 18, 2014	9,409,363	August 9, 2016
Methods for Manufacturing Bulk Continuous Filament	United States of America	15/204,645	July 7, 2016	10,124,513	November 13, 2018
Systems and Methods for Manufacturing Bulk Continuous Filament	United States of America	16/041,442	July 20, 2018		
Systems and Methods for Manufacturing Bulk Continuous Filament	Patent Cooperation Treaty	PCT/US2015/061145	November 17, 2015		
Systems and Methods for Manufacturing Bulk Continuous Filament	Australia	2015350080	April 11, 2017	2015350080	February 15, 2018
Systems and Methods for Manufacturing Bulk Continuous Filament	Australia	2018200762	February 1, 2018		
Systems and Methods for Manufacturing Bulk Continuous Filament	Brazil	1120170104695	May 18, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	Canada	2,968,226	May 17, 2017		

<b>Title</b>	<b>Country</b>	<b>Application Number</b>	<b>Filing Date</b>	<b>Patent Number</b>	<b>Issue Date</b>
Systems and Methods for Manufacturing Bulk Continuous Filament	China (People's Republic)	201580062468.6	May 17, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	Eurasian Patent Organization	201791091	June 16, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	European Patent Convention	15860981.8	June 5, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	European Patent Convention	18188891.8	August 14, 2018		
Systems and Methods for Manufacturing Bulk Continuous Filament	India	201747020538	June 13, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	Korea, Republic of	10-2017-7013782	May 22, 2017	10-1829219	February 8, 2018
Systems and Methods for Manufacturing Bulk Continuous Filament	Mexico	MX/a/2017/005362	April 24, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	Vietnam	1-2017-02147	June 7, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	United States of America	14/546,819	November 18, 2014	9,630,353	April 25, 2017
Systems and Methods for Manufacturing Bulk Continuous Filament	United States of America	15/473,402	March 29, 2017	10,232,542	March 19, 2019
Systems and Methods for Manufacturing Bulk Continuous Filament	United States of America	16/220,905	December 14, 2018		
Systems and Methods for Manufacturing Bulk Continuous Filament	Patent Cooperation Treaty	PCT/US2015/061174	November 17, 2015		
Systems and Methods for Manufacturing Bulk Continuous Filament	Australia	2015350093	April 11, 2017	2015350093	October 5, 2017
Systems and Methods for Manufacturing Bulk Continuous Filament	Canada	2,968,272	May 17, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	European Patent Convention	15861579.9	June 5, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	European Patent Convention	18189121.9	August 15, 2018		
Systems and Methods for Manufacturing Bulk Continuous Filament	European Patent Convention	18189232.4	August 16, 2018		
Systems and Methods for Manufacturing Bulk Continuous Filament	United States of America	14/546,837	November 18, 2014	9,630,354	April 25, 2017
Systems and Methods for Manufacturing Bulk Continuous Filament	Patent Cooperation Treaty	PCT/US2015/061288	November 18, 2015		

Title	Country	Application Number	Filing Date	Patent Number	Issue Date
Systems and Methods for Manufacturing Bulk Continuous Filament	Australia	2015350061	April 11, 2017	2015350061	October 5, 2017
Systems and Methods for Manufacturing Bulk Continuous Filament	Canada	2,968,273	May 17, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	China (People's Republic)	201580062418.8	May 17, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	European Patent Convention	15861351.3	June 5, 2017		
Systems and Methods for Manufacturing Bulk Continuous Filament	United States of America	14/546,847	November 18, 2014	9,636,845	May 2, 2017
Polyethylene Terephthalate Coloring Systems and Related Methods	United States of America	15/348,591	November 10, 2016		
Polyethylene Terephthalate Coloring Systems and Related Methods	United States of America	15/804,501	November 6, 2017		
Polymer Extruders With A Dual Vacuum Arrangement And Related Methods	Patent Cooperation Treaty	PCT/US2018/020746	March 2, 2018		
Polymer Extruders With A Dual Vacuum Arrangement And Related Methods	United States of America	62/466,632	March 3, 2017		
Polymer Extruders With A Dual Vacuum Arrangement And Related Methods	United States of America	15/910,853	March 2, 2018		
System and Methods for Injecting Color During Manufacture of Bulk Continuous Carpet Filament	United States of America	16/041,586	July 20, 2018		
Polyethylene Terephthalate Coloring Systems and Methods	Patent Cooperation Treaty	PCT/US2018/051043	September 14, 2018		
Polyethylene Terephthalate Coloring Systems and Methods	United States of America	62/559,443	September 15, 2017		
Polyethylene Terephthalate Coloring Systems and Methods	United States of America	16/131,397	September 14, 2018		
Systems and Methods for Manufacturing Bulk Continuous Filament from Colored Recycled PET	United States of America	16/220,733	December 14, 2018		
Bulk Continuous Carpet Filament Manufacturing from Polytrimethylene Terephthalate	United States of America	62/701,388	July 20, 2018		