506654608 05/10/2021

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT6701419

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOSHIYUKI FUKUHARA	04/26/2021
HIROYUKI YAMASHITA	04/16/2021
TAKAHIRO FUSE	04/23/2021
KYOICHI YUKI	04/26/2021
RYOSUKE TANIMOTO	04/22/2021

RECEIVING PARTY DATA

Name:	YKK CORPORATION
Street Address:	1 KANDA IZUMI-CHO
Internal Address:	CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	101-8642

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	17291146	

CORRESPONDENCE DATA

Fax Number: (404)541-3111

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.

Phone: 404-815-6500

landrew@kilpatricktownsend.com Email:

KILPATRICK TOWNSEND & STOCKTON LLP **Correspondent Name:**

1100 PEACHTREE STREET Address Line 1:

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ATTORNEY DOCKET NUMBER:	061548-1249191
NAME OF SUBMITTER:	LESLEY L. ANDREW
SIGNATURE:	/Lesley L. Andrew/
DATE SIGNED:	05/10/2021

Total Attachments: 15 source=1249191_Assignment#page1.tif source=1249191_Assignment#page2.tif source=1249191_Assignment#page3.tif source=1249191_Assignment#page4.tif source=1249191_Assignment#page5.tif source=1249191_Assignment#page6.tif source=1249191_Assignment#page7.tif source=1249191_Assignment#page8.tif source=1249191_Assignment#page9.tif source=1249191_Assignment#page10.tif source=1249191_Assignment#page11.tif source=1249191_Assignment#page12.tif source=1249191_Assignment#page13.tif source=1249191_Assignment#page14.tif source=1249191_Assignment#page15.tif

WHEREAS, I (We), Yoshiyuki FUKUHARA, Hiroyuki YAMASHITA, Takahiro

FUSE, Kyoichi YUKI, and Ryosuke TANIMOTO (hereinafter "ASSIGNOR(s)"), have invented certain inventions and improvements disclosed in a non-provisional patent application entitled "METHOD FOR MANUFACTURING MOLDED SURFACE FASTENER AND MOLDED SURFACE FASTENER" filed in the U.S. Patent & Trademark Office on _________May 4 ____, 2021 and assigned Serial No. _________17/291,146 ________; and

WHEREAS, YKK CORPORATION (hereinafter "ASSIGNEE"), a company of Japan having an office at 1, Kanda Izumi-cho, Chiyoda-ku, Tokyo 101-8642, Japan, is desirous of acquiring said undivided right, title and interest in said invention, in said application and in and to letters patent granted therefor in the United States; and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(s) hereby sells, assigns and transfers unto said ASSIGNEE, the entire right, title and interest in and to said invention, said applications, any applications claiming priority thereto and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States applications to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said inventions, applications

Assignment to YKK Corporation U.S. Non-Provisional Patent Application

Entitled: "METHOD FOR MANUFACTURING MOLDED SURFACE FASTENER AND MOLDED SURFACE

FASTENER"

Inventor(s): Yoshiyuki FUKUHARA et al.

Serial No.: 17/291,146

Attorney Docket No.:

Page 2 of 4

and all letters patent on said inventions to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been

held and enjoyed by ASSIGNOR(s) had this assignment, transfer and sale not been made. ASSIGNOR(s) hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said inventions to ASSIGNEE. ASSIGNOR(s) agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said inventions, for litigation regarding said letters patent, or for the purpose of protecting title to said inventions or letters patent therefor.

I (We), Yoshiyuki FUKUHARA, Hiroyuki YAMASHITA, Takahiro FUSE, Kyoichi YUKI, and Ryosuke TANIMOTO, the undersigned inventor, also authorize Kilpatrick Townsend & Stockton LLP, counsel for YKK Corporation, to enter above the filing date and application number of the application when they become available.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this $26 \pm h$ day of Apr, Apr, 2021.

2

Assignment to YKK Corporation U.S. Non-Provisional Patent Application Entitled: "METHOD FOR MANUFACTUR FASTENER" Inventor(s): Yoshiyuki FUKUHARA et al. Serial No.: 17/291,146 Attorney Docket No.: Page 3 of 4		CE PASTENER AND M	AOLDED SURFACE
As	ssignor/Inventor:	Yoshiyuki Yoshiyuki	FUKUHAR. Fukuhara
		···· / ····	Y.F.

Printed Name: Yoshiyuki FUKUHARA

1. Signed:

Printed Name: Chikako HONDA
Address: c/o YKK Corporation Kurobe., 200,
Yoshida, Kurobe-shi, Toyama 9388601 Japan

2. Signed: Mikiyo ARITOMO
Printed Name: Mikiyo ARITOMO
Address: c/o YKK Corporation Kurobe., 200,

Yoshida, Kurobe-shi, Toyama 9388601 Japan

WHEREAS, I (We), Yoshiyuki FUKUHARA, Hiroyuki YAMASHITA, Takahiro

FUSE, Kvoichi YUKI, and Ryosuke TANIMOTO (hereinafter "ASSIGNOR(s)"), have invented certain inventions and improvements disclosed in a non-provisional patent application entitled "METHOD FOR MANUFACTURING MOLDED SURFACE FASTENER AND MOLDED SURFACE FASTENER" filed in the U.S. Patent & Trademark Office on _______ May 4 , 2021 and assigned Serial No. ______ 17/291,146 ; and

WHEREAS, YKK CORPORATION (hereinafter "ASSIGNEE"), a company of Japan having an office at 1, Kanda Izumi-cho, Chiyoda-ku, Tokyo 101-8642, Japan, is desirous of acquiring said undivided right, title and interest in said invention, in said application and in and to letters patent granted therefor in the United States; and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(s) hereby sells, assigns and transfers unto said ASSIGNEE, the entire right, title and interest in and to said invention, said applications, any applications claiming priority thereto and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States applications to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said

Assignment to YKK Corporation
U.S. Non-Provisional Patent Application

Entitled: "METHOD FOR MANUFACTURING MOLDED SURFACE FASTENER AND MOLDED SURFACE

FASTENER"

Inventor(s): Yoshiyuki FUKUHARA et al.

Serial No.: <u>17/291,146</u>

Attorney Docket No.:

Page 2 of 3

ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNOR(s) had this assignment, transfer and sale not been made. ASSIGNOR(s) hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said inventions to ASSIGNOR(s) agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said inventions, for litigation regarding said letters

I (We), Yoshiyuki FUKUHARA, Hiroyuki YAMASHITA, Takahiro FUSE, Kyoichi YUKI, and Ryosuke TANIMOTO, the undersigned inventor, also authorize Kilpatrick Townsend & Stockton LLP, counsel for YKK Corporation, to enter above the filing date and application number of the application when they become available.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 16th day of April , 2021.

patent, or for the purpose of protecting title to said inventions or letters patent therefor.

Assignment to YKK Corporation
U.S. Non-Provisional Patent Application
Entified: "METHOD FOR MANUFACTURING MOLDED SURFACE FASTENER AND MOLDED SURFACE
FASTENER"
Inventor(s): Yoshiyuki FUKUHARA et al.
Serial No.: 17/291,146
Attorney Docket No.:
Page 3 of 3

Assignor/Inventor: Humpuki Jamashita

Printed Name: Hiroyuki YAMASHITA

Witnesses:	A
1.	Signed: CAAAA
	Printed Name: Chikako HONDA
	Address: c/o YKK Corporation Kurobe., 200,
	Yoshida, Kurobe-shi, Toyama 9388601 Japan
2.	Signed: Mikiyo Wilomo
	Printed Name: Mikiyo ARITOMO
	Address: c/o YKK Corporation Kurobe., 200,
	Yoshida, Kurobe-shi, Toyama 9388601 Japan

WHEREAS, I (We). Yoshivuki FUKUHARA, Hiroyuki YAMASHITA, Takahiro

FUSE, Kyoichi YUKI, and Ryosuke TANIMOTO (hereinafter "ASSIGNOR(s)"), have invented certain inventions and improvements disclosed in a non-provisional patent application entitled "METHOD FOR MANUFACTURING MOLDED SURFACE

FASTENER AND MOLDED SURFACE FASTENER" filed in the U.S. Patent & Trademark Office on _______ May 4 , 2021 and assigned Serial No. _17/291,146 ; and

WHEREAS, YKK CORPORATION (hereinafter "ASSIGNEE"), a company of Japan having an office at 1, Kanda Izumi-cho, Chiyoda-ku, Tokyo 101-8642, Japan, is desirous of acquiring said undivided right, title and interest in said invention, in said application and in and to letters patent granted therefor in the United States; and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(s) hereby sells, assigns and transfers unto said ASSIGNEE, the entire right, title and interest in and to said invention, said applications, any applications claiming priority thereto and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States applications to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said inventions, applications

Assignment to YKK Corporation
U.S. Non-Provisional Patent Application

Entitled: "METHOD FOR MANUFACTURING MOLDED SURFACE FASTENER AND MOLDED SURFACE

FASTENER*

Inventor(s): Yoshiyoki FUKUHARA et al.

Serial No.: 17/291,146

Attorney Docket No.: __

Page 2 of 3

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held and enjoyed by ASSIGNOR(s) had this assignment, transfer and sale not been made. ASSIGNOR(s) hereby authorizes and requests the Commissioner of Patents and Trademarks to issue all letters patent on said inventions to ASSIGNEE. ASSIGNOR(s) agrees to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said inventions, for litigation regarding said letters patent, or for the purpose of protecting title to said inventions or letters patent therefor.

I (We), Yoshiyuki FUKUHARA, Hiroyuki YAMASHITA, Takahiro FUSE, Kyoichi YUKI, and Ryosuke TANIMOTO, the undersigned inventor, also authorize Kilpatrick Townsend & Stockton LLP, counsel for YKK Corporation, to enter above the filing date and application number of the application when they become available.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 23th day of April , 2021.

Assignment to YKK Corporation U.S. Non-Provisional Palent Application Entitled: "METHOD FOR MANUFACTURING MOLDED SURFACE FASTENER AND MOLDED SURFACE FASTENER" Inventor(s): Yoshiyuki FUKUHARA et al. Serial No.: 17/291,146 Attorney Docket No.: Page 3 of 3		
	Assignor/Inventor: Takahiro Fuse Printed Name: <u>Takahiro FUSE</u>	
Witnesses:	Signed: Printed Name: Chikako HONDA Address: c/o YKK Corporation Kurobe., 200, Yoshida, Kurobe-shi, Toyama 9388601 Japan	
2.	Signed: Mikiyo aritemo	

Printed Name: Mikiyo ARITOMO

Address: c/o YKK Corporation Kurobe., 200, Yoshida, Kurobe-shi, Toyama 9388601 Japan

WHEREAS, I (We), Yoshiyuki FUKUHARA, Hiroyuki YAMASHITA, Takahiro

FUSE, Kyoichi YUKI, and Ryosuke TANIMOTO (hereinafter "ASSIGNOR(s)"), have invented certain inventions and improvements disclosed in a non-provisional patent application entitled "METHOD FOR MANUFACTURING MOLDED SURFACE FASTENER AND MOLDED SURFACE FASTENER" filed in the U.S. Patent & Trademark Office on _______ May 4 _, 2021 and assigned Serial No. _______ 17/291,146 ______; and

WHEREAS, YKK CORPORATION (hereinafter "ASSIGNEE"), a company of Japan having an office at 1, Kanda Izumi-cho, Chiyoda-ku, Tokyo 101-8642, Japan, is desirous of acquiring said undivided right, title and interest in said invention, in said application and in and to letters patent granted therefor in the United States; and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(s) hereby sells, assigns and transfers unto said ASSIGNEE, the entire right, title and interest in and to said invention, said applications, any applications claiming priority thereto and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States applications to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said inventions, applications

Assignment to YKK Corporation
U.S. Non-Provisional Patent Application

U.S. NON-Provisional Patent Approximate
Entitled: "METHOD FOR MANUFACTURING MOLDED SURFACE FASTENER AND MOLDED SURFACE

FASTENER"

Inventor(s): Yoshiyuki FUKUHARA et al.

Serial No.: 17/291,146

Afterney Docket No.:

Page 2 of 4

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I (We), Yoshiyuki FUKUHARA, Hiroyuki YAMASHITA, Takahiro FUSE, Kyoichi YUKI, and Ryosuke TANIMOTO, the undersigned inventor, also authorize Kilpatrick Townsend & Stockton LLP, counsel for YKK Corporation, to enter above the filing date and application number of the application when they become available.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this $\underline{26+h}$ day of $\underline{Apr}/\underline{l}$, 2021.

Assignment to YKK Corporation
11.5 Non Denvious and Patent Application
Entitled: "METHOD FOR MANUFACTURING MOLDED SURFACE FASTENER AND MOLDED SURFACE
FASTENER"
Inventor(s): Yoshiyuki FUKUHARA et al.
Serial No.: 17/291,146
Attorney Docket No.:
Page 4 of 4

Assignor/Inventor: Kyoichi YUKI

Printed Name: Kyoichi YUKI

Witnesses:	
1.	Signed: Chikako HONDA Address: c/o YKK Corporation Kurobe., 200,
	Yoshida, Kurobe-shi, Toyama 9388601 Japan
2.	Signed: Mkiyo Outono Printed Name: Mikiyo ARITOMO Address: c/o YKK Corporation Kurobe., 200, Yoshida Kurobe-shi, Toyama 9388601 Japan

WHEREAS, I (We), Yoshiyuki FUKUHARA, Hiroyuki YAMASHITA, Takahiro

FUSE, Kyoichi YUKI, and Ryosuke TANIMOTO (hereinafter "ASSIGNOR(s)"), have invented certain inventions and improvements disclosed in a non-provisional patent application entitled "METHOD FOR MANUFACTURING MOLDED SURFACE FASTENER AND MOLDED SURFACE FASTENER" filed in the U.S. Patent & Trademark Office on ______ May 4 _, 2021 and assigned Serial No. ______ 17/291,146 ______; and

WHEREAS, VKK CORPORATION (hereinafter "ASSIGNEE"), a company of Japan having an office at 1, Kanda Izumi-cho, Chiyoda-ku, Tokyo 101-8642, Japan, is desirous of acquiring said undivided right, title and interest in said invention, in said application and in and to letters patent granted therefor in the United States; and

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR(s) hereby sells, assigns and transfers unto said ASSIGNEE, the entire right, title and interest in and to said invention, said applications, any applications claiming priority thereto and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States applications to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said inventions, applications

Assignment to YKK Corporation

U.S. Non-Provisional Patent Application

Entitled: "METHOD FOR MANUFACTURING MOLDED SURFACE FASTENER AND MOLDED SURFACE

FASTENER"

Inventor(s): Yoshiyuki FUKUHARA et al.

Serial No.: 17/291,146

Attorney Docket No.:

Page 2 of 3

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I (We), Yoshiyuki FUKUHARA, Hiroyuki YAMASHITA, Takahiro FUSE, Kyoichi YUKI, and Ryosuke TANIMOTO, the undersigned inventor, also authorize Kilpatrick Townsend & Stockton LLP, counsel for YKK Corporation, to enter above the filing date and application number of the application when they become available.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 22th day of April , 2021.

	28.25.02
U.S. Non-Pr Entitled: "A	to YKK Corporation ovisional Patent Application HETHOD FOR MANUFACTURING MOLDED SURFACE FASTENER AND MOLDED SURFACE
FASTENER Inventor(s)	" Yoshiyuki FUKUHARA et al.
Serial No.:	17/291,146
	cket No.:
Page 3 of 3	
	Assignor/Inventor: Ryonake Tahimoto
	Printed Name: Ryosuke TANIMOTO
Witnesse	25°;
	- Charala A
1.	Signed: Lawy to the Signed
	Printed Name: Chikako HONDA
	Address: c/o YKK Corporation Kurobe., 200.
	Yoshida, Kurobe-shi, Toyama 9388601 Japan
ര്	Signed Mikiyo aritomo

Printed Name: Mikiyo ARITOMO

Address: c/o YKK Corporation Kurobe., 200, Yoshida, Kurobe-shi, Toyama 9388601 Japan