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| PATENT ASSIGNMENT COVER SHEET |
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 Stylesheet Version v1.2

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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| YKK CORPORATION OF AMERICA | 03/30/2017 |
| 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: | 15284394 |
| CORRESPONDENCE DATA | |
| Fax Number: | (404)541-3111 |
| <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> | |
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| ATTORNEY DOCKET NUMBER: | 061548/1015772 |
| NAME OF SUBMITTER: | LESLEY L. ANDREW |
| SIGNATURE: | /Lesley L. Andrew/ |
| DATE SIGNED: | 04/25/2017 |
| Total Attachments: 3 | |
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| source=1015772_Assignment_YCA_YKK#page2.tif | |
| source=1015772_Assignment_YCA_YKK#page3.tif | |

**ASSIGNMENT
(Patents and Patent Applications)**

This Assignment, effective as of the last execution date written below is made by YKK CORPORATION OF AMERICA, a corporation of the State of New York, having a place of business at One Parkway Center, 1850 Parkway Place, Suite 300, Marietta, Georgia 30067, United States of America, hereinafter referred to as "Assignor," to YKK CORPORATION, a company of Japan, having a place of business at 1, Kanda Izumi-cho, Chiyoda-ku, Tokyo 101-8642, Japan, hereinafter referred to as "Assignee,"

WHEREAS, Assignor is the owner of all rights, title and interest in certain Patents and Patent Applications (as defined below);

WHEREAS, Assignor desires to transfer and Assignee is desirous of acquiring such rights, title, and interest in the Patents and Patent Applications;

NOW THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, Assignor agrees as follows:

1. Agrees to assign, transfer, convey, and sell; hereby assigns, transfers, conveys and sells; and has assigned, transferred, conveyed, and sold to Assignee all right, title and interest in and to:

- (a) the patents and patent applications set forth below:

Patent Application No.: 15/284,394
Title: Sealing for Open-End Slide Fasteners
Filed: October 3, 2016

(hereinafter "the Patents and Patent Applications") and to intellectual property (including, without limitation, any innovation, information, invention, discovery, product, process, work or design) disclosed, embodied, shown, or claimed in the Patents and Patent Applications, implicitly or explicitly;

- (b) the Patents and Patent Applications, the right to claim priority to the Patent Applications, all applications based in whole or in part upon the above-referenced Patents and Patent Applications, including, without limitation, all applications that are provisional, non-provisional, design, divisional, continuation, continuation-in-part, registration, utility model, industrial design, reissue, renewal, substitute, extension, reexamination, post-grant review, inter partes review, supplemental examination or non-U.S. patent applications or applications for other rights based in whole or in part on the Patents and Patent Applications;
 - (c) all patents (including, without limitation, all U.S. and non-U.S. patents, registrations, utility models, industrial designs, design patents, counterparts, continuations, continuations-in-part, divisionals, reissues, renewals, substitutes, extensions, reexaminations, post-grant reviews, inter partes reviews and supplemental examinations) that are granted or issued upon, or that claim priority to, any and all Patent Applications or that disclose or claim intellectual property described in (a) of this paragraph, in whole or in part; and
 - (d) all claims for damages by reason of past infringement of any rights under (a), (b) or (c) of this paragraph (including provisional rights to reasonable royalties

US2008 12695507 1

ASSIGNMENT

Attorney Docket No. 061548/1015772

Page 2 of 3

pursuant to 35 U.S.C. §154(d)) and the right to sue for and collect such damages and royalties for Assignee's own use;

2. Agrees to authorize and request the U.S. Patent and Trademark Office or any other U.S. or non-U.S. agency to issue to the Assignee any and all patent(s), or other rights or documents, resulting from the intellectual property, patent applications and patents described in Paragraph 1 of this Assignment.
3. Agrees to sign all papers and documents, including without limitation, applications, declarations, oaths and petitions, and, at the Assignee's expense, perform any other acts that are necessary in connection with prosecution of patent application(s) or intellectual property described in paragraph 1 of this Assignment and the enforcement of patent(s) or other rights resulting from such patent application(s) or intellectual property.
4. Agrees that the terms, covenants, and conditions of this Assignment shall inure to the benefit of the Assignee, its successor, assign and other legal representative, and shall be binding upon Assignor, as well as its successor, assign and other legal representative.
5. Promises and affirms that Assignor has not entered, and will not enter, into any assignment, contract, or understanding that conflicts with this Assignment.

YKK CORPORATION OF AMERICA
(Assignor)

Date: March 30, 2017

By: E. Alex Gregory

Name: E. Alex Gregory

Title: Chairman, President & CEO

UNITED STATES OF AMERICA)
)
 STATE OF Georgia) SS:
)
 COUNTY OF Cherokee)

Before me, a Notary Public in and for the State of Georgia, on this 30th day of March 2017, personally appeared E. Alex Gregory who being duly sworn, signed and acknowledged the foregoing Assignment as his/her free act and deed.

YASHE ANSTETT
 NOTARY PUBLIC
 CHEROKEE COUNTY
 State of Georgia
 My Commission Expires September 7, 2020

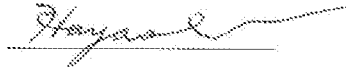
[Signature]
 NOTARY PUBLIC
 My Commission Expires:

ASSIGNMENT
Attorney Docket No. 061548/1015772
Page 3 of 3

YKK CORPORATION (Assignee)

Date: 4 April 2017

By:



Name: Takao HAYASHI

Title: General Manager of Intellectual Property Group

US2008 12695507 1