PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3501263

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|---------------------|----------------|
| ASHRAF ABOUELLEIL | 05/29/2015 |
| STEVE SHARP | 05/29/2015 |
| PURUSHOTTAM SAVALIA | 05/29/2015 |

RECEIVING PARTY DATA

| Name: | MUELLER INTERNATIONAL, LLC |
|-----------------|---------------------------------|
| Street Address: | 1200 ABERNATHY ROAD, SUITE 1200 |
| City: | ATLANTA |
| State/Country: | GEORGIA |
| Postal Code: | 30328 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 14725837 |

CORRESPONDENCE DATA

Fax Number: (770)434-7376

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: 770-434-6868

Email: tjames@taylorenglish.com
Correspondent Name: RUSSELL B. DUNLAP

Address Line 1: 1600 PARKWOOD CIRCLE, SUITE 400

Address Line 4: ATLANTA, GEORGIA 30339

| ATTORNEY DOCKET NUMBER: | 191372-1710 |
|-------------------------|-------------------|
| NAME OF SUBMITTER: | RUSSELL B. DUNLAP |
| SIGNATURE: | /rbd/ |
| DATE SIGNED: | 08/27/2015 |

Total Attachments: 7

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> PATENT REEL: 036435 FRAME: 0559

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PATENT ASSIGNMENT

WHEREAS, I, Ashraf Abouelleil, a citizen of the United States of America residing at

235 Willington Way, Oswego, Illinois 60543, in the United States of America, have invented

certain inventions and improvements disclosed in the Patent Application for United States Patent

entitled LINING FOR MECHANICAL JOINTS, filed in the United States Patent and

Trademark Office on May 29, 2015, bearing Serial No. 14/725,837, and listing as inventor(s):

Ashraf Abouelleil, Steve Sharp, Purushottam Savalia;

WHEREAS, Mueller International, LLC, a Corporation of the State of Delaware,

having its principal place of business at 1200 Abernathy Road, Suite 1200, Atlanta, Georgia

30328 is desirous of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of

which is hereby acknowledged, I, Ashraf Abouelleil, by these presents do sell, assign and transfer

unto Mueller International, LLC, the full, exclusive and entire right, title and interest: (i) in and

to all inventions and improvements disclosed and described in said application, (ii) in and to said

application, (iii) in and to any divisional, continuation, and continuation-in-part applications

describing in whole or in part said inventions and improvements, preparatory to obtaining Patents

of the United States therefore, (iv) in and to any reissues of the aforementioned, (v) in and to any

provisional patent applications filed in the United States describing in whole or in part the said

inventions and improvements, from which priority may be claimed under Title 35 of the United

States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority

rights arising from such provisional patent applications; I also hereby acknowledge that an

obligation for this assignment and for the assignment of all related subject matter arose before the

making of the invention and improvements disclosed and described in said application; and I

hereby request the Commissioner of Patents to issue any and all Patents of the United States

resulting from said application, or from a division, continuation, continuation-in-part, or reissue

thereof, to Mueller International, LLC as Assignee, for his or her interest and for his or her sole

use and behoof of his or her assigns and legal representatives;

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For the same consideration, I, by these presents do sell, assign and transfer to Mueller International, LLC the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of Mueller International, LLC and or his or her respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid Mueller International, LLC and his or her successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world; and

for the same consideration, I hereby authorize the insertion of the filing date and serial number above.

| 5-29-2015 | | |
|-------------------------------|---|-----------------|
| Date | Ashraf Abouelleil | |
| STATE OF | COUNTY OF LENDAN | |
| Before me, a Notary P | Public in and for the State of | , on |
| this 29 day of Mac | , 2015, personally appeared Ashraf Abouel | leil, who being |
| duly sworn, signed and acknow | wledged the foregoing Assignment as his or her free | act and deed. |
| | Secal Hay | |
| | My Commission Expires: | 1/30/15 |

SARAH HOFFMAN
OFFICIAL SEAL
Notary Public, State of Illinois
My Commission Expires

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PATENT ASSIGNMENT

WHEREAS, I, Steve Sharp, a citizen of the United States of America residing at 9s251

Stearman Dr., Naperville, Illinois 60564, in the United States of America, have invented certain

inventions and improvements disclosed in the Patent Application for United States Patent

entitled LINING FOR MECHANICAL JOINTS, filed in the United States Patent and

Trademark Office on May 29, 2015, bearing Serial No. 14/725,837, and listing as inventor(s):

Ashraf Abouelleil, Steve Sharp, Purushottam Savalia;

WHEREAS, Mueller International, LLC, a Corporation of the State of Delaware,

having its principal place of business at 1200 Abernathy Road, Suite 1200, Atlanta, Georgia

30328 is desirous of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of

which is hereby acknowledged, I, Steve Sharp, by these presents do sell, assign and transfer unto

Mueller International, LLC, the full, exclusive and entire right, title and interest: (i) in and to all

inventions and improvements disclosed and described in said application, (ii) in and to said

application, (iii) in and to any divisional, continuation, and continuation-in-part applications

describing in whole or in part said inventions and improvements, preparatory to obtaining Patents

of the United States therefore, (iv) in and to any reissues of the aforementioned, (v) in and to any

provisional patent applications filed in the United States describing in whole or in part the said

inventions and improvements, from which priority may be claimed under Title 35 of the United

States Code, and (vi) in and to the right to claim any applicable foreign and domestic priority

rights arising from such provisional patent applications; I also hereby acknowledge that an

obligation for this assignment and for the assignment of all related subject matter arose before the

making of the invention and improvements disclosed and described in said application; and I

hereby request the Commissioner of Patents to issue any and all Patents of the United States

resulting from said application, or from a division, continuation, continuation-in-part, or reissue

thereof, to Mueller International, LLC as Assignee, for his or her interest and for his or her sole

use and behoof of his or her assigns and legal representatives;

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For the same consideration, I, by these presents do sell, assign and transfer to Mueller International, LLC the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of Mueller International, LLC and or his or her respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid Mueller International, LLC and his or her successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world; and

for the same consideration, I hereby authorize the insertion of the filing date and serial number above.

| 5-29-15 - | | a | |
|---|----------------------|---------------------------------|----------|
| Date | Steve Si | narp | |
| STATE OF <u>Places</u> | COUNTY OF _ | KANE | |
| Before me, a Notary Public in a | nd for the State of_ | TLLINOIS | , on |
| this 29 day of Mrsy, | | | ing duly |
| sworn, signed and acknowledged the for | egoing Assignment (| as his or her free act and deed | d. |
| "OFFICIAL SEAL" Maria V Coyne Notary Public, State of Illinois My Commission Expires 6/24/20 | NQYAR | Y PUBLIC (24) | , |

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PATENT ASSIGNMENT

WHEREAS, I, Purushottam Savalia, a citizen of the United States of America residing at

2355 Lakeside Drive, Aurora, Illinois 60504, in the United States of America, have invented

certain inventions and improvements disclosed in the Patent Application for United States Patent

entitled LINING FOR MECHANICAL JOINTS, filed in the United States Patent and

Trademark Office on May 29, 2015, bearing Serial No. 14/725,837, and listing as inventor(s):

Ashraf Abouelleil, Steve Sharp, Purushottam Savalia;

WHEREAS, Mueller International, LLC, a Corporation of the State of Delaware,

having its principal place of business at 1200 Abernathy Road, Suite 1200, Atlanta, Georgia

30328 is desirous of acquiring an interest in the same;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of

which is hereby acknowledged, I, Purushottam Savalia, by these presents do sell, assign and

transfer unto Mueller International, LLC, the full, exclusive and entire right, title and interest: (i)

in and to all inventions and improvements disclosed and described in said application, (ii) in and

to said application, (iii) in and to any divisional, continuation, and continuation-in-part

applications describing in whole or in part said inventions and improvements, preparatory to

obtaining Patents of the United States therefore, (iv) in and to any reissues of the aforementioned,

(v) in and to any provisional patent applications filed in the United States describing in whole or

in part the said inventions and improvements, from which priority may be claimed under Title 35

of the United States Code, and (vi) in and to the right to claim any applicable foreign and

domestic priority rights arising from such provisional patent applications; I also hereby

acknowledge that an obligation for this assignment and for the assignment of all related subject

matter arose before the making of the invention and improvements disclosed and described in

said application; and I hereby request the Commissioner of Patents to issue any and all Patents of

the United States resulting from said application, or from a division, continuation, continuation-

in-part, or reissue thereof, to Mueller International, LLC as Assignee, for his or her interest and

for his or her sole use and behoof of his or her assigns and legal representatives;

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For the same consideration, I, by these presents do sell, assign and transfer to Mueller International, LLC the full, exclusive and entire right, title and interest in and to any foreign application or applications corresponding to said application, in whole or in part, in countries other than the United States, in and to any Patents and similar protective rights granted on said foreign application, and in and to the right to claim any applicable priority rights arising from or required for said foreign application under the terms of any applicable conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in the name of Mueller International, LLC and or his or her respective designees, insofar as permitted by applicable law;

AND, for the same consideration, I agree to sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid Mueller International, LLC and his or her successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world; and

for the same consideration, I hereby authorize the insertion of the filing date and serial number above.

| 5" - 2-0 15" Date | Purushottam Savalia | |
|----------------------|---|--------------|
| STATE OF TL | COUNTY OF HENDAIL | |
| | ry Public in and for the State of | _, on who |
| | and acknowledged the foregoing Assignment as his or her free ac | |
| | Secret Hade | |

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My Commission Expires: <u>U/30/15</u>



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RECORDED: 08/27/2015