504022724 09/26/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4069383

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

CONVEYING PARTY DATA

| Name | Execution Date |
|-----------------|----------------|
| DAVID G. KUPPER | 09/26/2016 |

RECEIVING PARTY DATA

| Name: | CATERPILLAR INC. |
|-----------------|------------------|
| Street Address: | 100 NE ADAMS ST |
| City: | PEORIA |
| State/Country: | ILLINOIS |
| Postal Code: | 61629 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15276499 |

CORRESPONDENCE DATA

Fax Number: (309)675-1236

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: 3096362223

Email: US Docket Clerk@cat.com

Correspondent Name: CATERPILLAR INC./LAW OFFICE OF KURT J. F

Address Line 1: 100 N.E. ADAMS STREET

Address Line 2: AH 9510

Address Line 4: PEORIA, ILLINOIS 61629-9510

| ATTORNEY DOCKET NUMBER: | 16-1471 |
|-------------------------|------------------|
| NAME OF SUBMITTER: | KURT J. FUGMAN |
| SIGNATURE: | /Kurt J. Fugman/ |
| DATE SIGNED: | 09/26/2016 |

Total Attachments: 2

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PATENT 504022724 REEL: 039860 FRAME: 0206

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 16-1471 Client Ref. No. 16-1471

ASSIGNMENT

WHEREAS I/We, the below named inventor(s), [hereinafter referred to as Assignor(s)], have made an invention entitled:

FACE SEAL WITH ENERGIZED LIP AND COUNTERFACE

for which I/We will or have filed a patent application; and

WHEREAS, Caterpillar Inc., a corporation of Delaware whose post office address is 100 NE Adams Street, Peoria, State of Illinois 61629 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention, and in and to the patent application for this invention and any and all patents to be issued upon this application throughout the world:

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged. I/We, as Assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my/our entire right, title, and interest in and to this invention, and this application, and all divisions, and continuations thereof, and all patents which may be granted thereon, and all reissues thereof, as well as all rights to claim priority in any country or jurisdiction or patent office and all applications for patents which may hereafter be filed for this invention in any country or jurisdiction or patent office and all patents which may be granted on this invention in any country or jurisdiction or patent office, and all extensions, renewals, and reissues thereof; and I/We hereby authorize and request any official of any country or jurisdiction or patent office whose duty it is to issue patents on applications as described above, to issue all patents for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY covenant that I/We have the full right to convey the interest assigned by this Assignment, and I/We have not executed and will not execute any agreement in conflict with this Assignment;

AND, I/WE HEREBY further covenant and agree that I/We will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to me/us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in any country or jurisdiction or patent office, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns;

IN TESTIMONY WHEREOF, IWe have hereunto set our hands.

| 1 FULL NAME OF SOLE ON FIRST ASSIGNOR David G. Kupper | ASSIGNOR'S SIGNAYURE, | OKTE SUPP 26, 2016 |
|---|-----------------------|-----------------------|
| ADGRESS 530 E. Lake Shore Dr., Edelstein, IL. 61526-9209 | | CITIZENSHIP US |
| | | |

Page 1 of 2

SOLE/JOINT INVENTION (Worldwide Rights) Attorney Docket No. 16-1471 Client Ref. No. 16-1471

| 1. WITNESS NAME Michael T. James | WITNESS SIGNATURE MAINT- June | 9/24/2016 |
|--------------------------------------|--------------------------------|---------------------|
| ADDRESS 2447 California Rd. Pekin | IL 6/554 | CITIZENSHIP USA |
| | | |
| 2. WITNESS NAME | WITNESS SIGNATURE | DATE 9 - 26 - 16 |
| | | |
| ADDRESS FOZZ D Aval He Dr., Pec | <u> </u> | CITIZENSHIP USA- |