507301994 05/25/2022

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL ALAN BREWER	05/18/2022
JOSH E. HUANG	05/24/2022
MICHAEL H. NOBLE	05/11/2022
KEITH MAYNARD EGLAND	05/19/2022

RECEIVING PARTY DATA

Name:	CATERPILLAR INC.	
Street Address:	100 NE ADAMS STREET	
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State/Country:	ILLINOIS	
Postal Code:	61629	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17824051

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ATTORNEY DOCKET NUMBER:	22-0153US01 / 4992.218US1	
NAME OF SUBMITTER:	KATHLEEN GANNON	
SIGNATURE:	/Kathleen Gannon/	
DATE SIGNED:	05/25/2022	

Total Attachments: 5

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SOLE/JOINT INVENTION
(Worldwide Rights)
Attorney Docket No. 22-0153US01 / 4992.218US1
Client Ref. No. 22-0153US01

ASSIGNMENT

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

LASER PROJECTION HARDWARE POSITIONAL DEVICE

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

WHEREAS, Caterpillar Inc., a corporation of Delaware, United States of America whose post office address is Intellectual Property Department, 100 NE Adams Street, Peoria, IL 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 on the basis of this application, 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;

AND, I/WE HEREBY authorize the attorneys/representatives that I/WE have empowered to prosecute this application to insert here in parentheses the country, application number, and official filing date (Application No. 17/824.051 , filed May 25, 2022).

SOLE/JOINT INVENTION (Worldwide Rights) Altorney Docket No. 22-0153US01 / 4992.218US1 Client Ref. No. 22-0153US01

IN TESTIMONY WHEREOF, I/We have hereunto set our hands.

1. FULLNAME OF SOLE OR FIRST ASSIGNOR	ASSIGNOR'S SIGNATURE	DATE
Michael Alan Brewer	TOO Ya	18mm ZL
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2. WITNESS NAME GREGORY DVBOIS	WITNESS SIGNATURE	DATE 5/11/2 Z
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4. FULLNAME OF FOURTH ASSIGNOR, IF ANY Keith Maynard Egland	ASSIGNOR'S SIGNATURE AND EM	DATE 5/17/2022
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1. WITNESS NAME CRAG HASSTONE ADDRESS	WITNESS SIGNATURE	DATE 19 May 2022
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2. WITNESS NAME Matthew 7 Kiser ADDRESS 5767 N Prospect Rd	WITNESS SIGNATURE	DATE /5 /74\ 2022 CITIZENSHIP /25A
em'	6/6/6	

PATENT REEL: 060011 FRAME: 0135

RECORDED: 05/25/2022