

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6590686

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RAJESH NARAYANAN NAIR	03/08/2021
SAMUEL WERE	12/18/2020
JAMES HARRIS MUTTI	01/12/2021
BEHNAZ ENSAN	12/08/2020
JAMES VERNON DORNBERGER II	12/02/2020
RODNEY L. MENOLD	11/19/2020
TIMOTHY DAVID SCHWARTZ	11/11/2020
KEVIN MICHAEL WALSH	11/16/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CATERPILLAR INC.
<b>Street Address:</b>	100 NE ADAMS STREET, SUITE 100
<b>City:</b>	PEORIA
<b>State/Country:</b>	ILLINOIS
<b>Postal Code:</b>	61629-9510
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	17116000
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
<b>Email:</b>	jyates@bscattorneys.com
<b>Correspondent Name:</b>	CATERPILLAR INC./BRANNON SOWERS & CRACRAFT
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<b>Address Line 4:</b>	PEORIA, ILLINOIS 61629-9510
<b>ATTORNEY DOCKET NUMBER:</b>	20-0046US01
<b>NAME OF SUBMITTER:</b>	JONATHAN F. YATES
<b>SIGNATURE:</b>	/Jonathan F. Yates/
<b>DATE SIGNED:</b>	03/09/2021

**Total Attachments: 9**

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## ASSIGNMENT

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

ENGINE BRAKING METHOD AND CONTROL SYSTEM VARYING ENGINE BRAKING POWER WITHIN CYLINDER-NUMBER BRAKING MODE

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

WHEREAS, **Caterpillar Inc.**, a corporation of the **State of Delaware**, having an address at **100 NE Adams Street, Peoria, Illinois 61629-9510** (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, 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, 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 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;

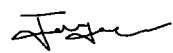
AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

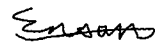
AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any 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, WE HEREBY authorize Assignee or the attorneys/representatives of Assignee to insert here in parentheses the country, application number, and official filing date ( United States Application No. 17/116,000, filed December 9, 2020 ).


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


1. FULL NAME OF SOLE OR FIRST ASSIGNOR Rajesh Narayanan Nair	ASSIGNOR'S SIGNATURE 	DATE 03/08/2021
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2. WITNESS NAME Behnaz Ensan	WITNESS SIGNATURE 	DATE 3/8/2021
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2. FULL NAME OF SOLE OR SECOND ASSIGNOR Samuel Were	ASSIGNOR'S SIGNATURE 	DATE 12/15/2020
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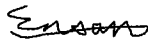
1. WITNESS NAME Urvish Joshi	WITNESS SIGNATURE 	DATE Dec 8, 2020
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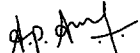
2. WITNESS NAME Guillermo A. Herrera	WITNESS SIGNATURE 	DATE 12/14/20
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3. FULL NAME OF THIRD ASSIGNOR James Harris Mutti	ASSIGNOR'S SIGNATURE <i>James Harris Mutti</i>	DATE 1/12/2021
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1. WITNESS NAME JULIANNA MUTTI	WITNESS SIGNATURE <i>Julianne Mutti</i>	DATE 1-12-21
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2. WITNESS NAME Megan Mutti	WITNESS SIGNATURE <i>Megan Mutti</i>	DATE 1-12-21
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4. FULL NAME OF FOURTH ASSIGNOR Behnaz Ensan	ASSIGNOR'S SIGNATURE 	DATE 12/08/2020
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1. FULL NAME OF THE ASSIGNEE James Vernon Dornberger II	ASSIGNEE'S SIGNATURE <i>James V Dornberger</i>	DATE 2 DEC 2020
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2. WITNESS NAME <i>Debra L Dornberger</i>	WITNESS SIGNATURE <i>Debra L Dornberger</i>	DATE 12-2-2020
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2. WITNESS NAME <i>Alex Dornberger</i>	WITNESS SIGNATURE <i>Alex Dornberger</i>	DATE 12/2/2020
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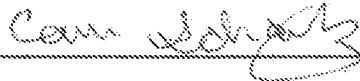


6. FULL NAME OF SIXTH ASSIGNOR Rodney L. Menold	ASSIGNOR'S SIGNATURE <i>Rodney L. Menold</i>	DATE 2020 Nov 19
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1. WITNESS NAME Ava Menold	WITNESS SIGNATURE <i>Ava Menold</i>	DATE 2020 Nov 19
ADDRESS 10126 W. Lamplighter Ln., Hanna City, IL 61536		CITIZENSHIP USA

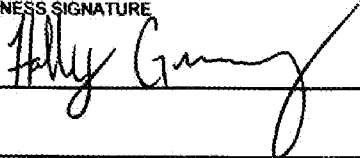
2. WITNESS NAME Aubrey Menold	WITNESS SIGNATURE <i>Aubrey Menold</i>	DATE 2020 Nov 19
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7. FULL NAME OF SEVENTH ASSIGNOR Timothy David Schwartz	ASSIGNOR'S SIGNATURE 	DATE 11 Nov 2020
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1. WITNESS NAME Cari Marie Schwartz	WITNESS SIGNATURE 	DATE 11 Nov 2020
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2. WITNESS NAME	WITNESS SIGNATURE	DATE
ADDRESS		CITIZENSHIP

8. FULL NAME OF EIGHTH ASSIGNOR Kevin Michael Walsh	ASSIGNOR'S SIGNATURE 	DATE 11/16/2020
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1. WITNESS NAME Holly Gregory	WITNESS SIGNATURE 	DATE 11/16/2020
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2. WITNESS NAME	WITNESS SIGNATURE	DATE
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