

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT8091558

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CATERPILLAR GLOBAL MINING LLC	12/13/2022
RECEIVING PARTY DATA	
Name:	GAINWELL ENGINEERING GLOBAL PTE. LTD.
Street Address:	39, ROBINSON ROAD, #15-01, ROBINSON POINT
City:	SINGAPORE
State/Country:	SINGAPORE
PROPERTY NUMBERS Total: 10	
Property Type	Number
Application Number:	14104255
Application Number:	11814853
Application Number:	13497285
Application Number:	12840515
Application Number:	12814939
Application Number:	14012791
Application Number:	13955323
Application Number:	14256368
Application Number:	14507424
Application Number:	15090849
CORRESPONDENCE DATA	
Fax Number:	(612)455-3801
<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>	
Phone:	6124553800
Email:	jsilbaugh@hsml.com
Correspondent Name:	HAMRE, SCHUMANN, MUELLER & LARSON, P.C.
Address Line 1:	45 SOUTH 7TH STREET SUITE 2700
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	11378.00000001
NAME OF SUBMITTER:	AMOL H. KAVATHEKAR

SIGNATURE:	/amol h. kavathekar/
DATE SIGNED:	08/02/2023
Total Attachments: 3 source=executed Patent Assignment Agreement#page1.tif source=executed Patent Assignment Agreement#page2.tif source=executed Patent Assignment Agreement#page3.tif	

Patent Assignment Agreement

WHEREAS, in a Patent Assignment Agreement ("Agreement") by and between by and between Caterpillar Global Mining LLC, a limited liability company under the laws of the State of Delaware and having an address 875 W. Cushing Street, Tucson, Arizona 85745 USA) and Gainwell Engineering Global Pte. Ltd with its principal place of business located at 39, Robinson Road, #15-01, Robinson Point, Singapore ("ASSIGNEE"), ASSIGNOR assigned and transferred to ASSIGNEE all ASSIGNOR's right, title and interest in and to the invention(s), patent(s), patent application(s) intellectual property rights set forth in Annex A attached hereto ("ASSIGNED ASSETS"); and

WHEREAS, ASSIGNOR and ASSIGNEE are desirous of enabling ASSIGNEE to exploit, perfect and record its sole ownership of such right, title, and interest by further confirming and memorializing such assignment and transfer in this agreement.

NOW, THEREFORE:

1. ASSIGNOR hereby represents, warrants, and confirms that it assigned and transferred the entire right, title, and interest in and to the ASSIGNED ASSETS to ASSIGNEE in the Agreement for good, valuable and sufficient consideration that was received by ASSIGNOR in accordance with the Agreement, and ASSIGNEE represents, warrants and confirms that it tendered such consideration to ASSIGNOR and accepted such assignment and transfer. ASSIGNOR and ASSIGNEE further represent, warrant and confirm that such assignment and transfer included all rights to file applications throughout the world claiming priority to any and all pending applications in the ASSIGNED ASSETS, and further included any and all patents (including continuations and divisionals) issuing from any such applications and/or from the ASSIGNED ASSETS, as well as all counterparts, reissues, reexaminations, and extensions thereof, and any and all future rights therein, throughout the world.

2. Solely to the extent necessary to enable ASSIGNEE to exploit, perfect and record its ownership of all right, title and interest in and to the ASSIGNED ASSETS, ASSIGNOR hereby (a) sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to the ASSIGNED ASSETS, and (b) authorizes and requests that the respective governmental bodies grant to ASSIGNEE any and all patents and/or other grant(s) or registration(s) of intellectual property rights issuing from or otherwise arising out of the ASSIGNED ASSETS. ASSIGNOR and ASSIGNEE acknowledge and agree that this Section 2 does not amend or affect the validity and/or enforceability of the Agreement in any way.

3. The assignment in the Agreement (and to the extent necessary, in Section 2 of this agreement) inures to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

IN TESTIMONY WHEREOF, ASSIGNOR and ASSIGNEE have executed this instrument.

CATERPILLAR GLOBAL MINING LLC

Signed: _____

Printed: _____

Title: _____

Date: _____

Robert Hoernes
Robert Hoernes
senior Vice President
12-13-22

GAINWELL ENGINEERING GLOBAL
PTE. LTD.

Signed: _____

Printed: _____

Title: _____

Date: _____

Yeo Huimin
Yeo Huimin
Director
28 December 2022



ANNEX A**Assigned Assets**

Patent Application Title	Country	Filed Date	Application Number	Patent No.
DRILL RIG	US	2013-12-12	14/104255	9664041
Automated Continuous Haulage System	United States of America	2001-10-09	10/399067	7076346
Conveyor Segment and Assembly for use in High Wall Mining, and Coupling and Releasing Methods	United States of America	2005-02-18	11/814853	8066110
Segments and Apparatus for High Wall Mining Including Fluid Feed	Australia	2009-09-29	2009353374	2009353374
Segments and Apparatus for High Wall Mining Including Fluid Feed	United States of America	2009-09-29	13/497285	8876220
BATTERY-POWERED MINING VEHICLE	United States of America	2010-07-21	12/840515	8292015
Battery-Powered Mining Vehicle	Australia	2011-07-13	2011279961	2011279961
Battery-Powered Mining Vehicle	South Africa	2011-07-13	2013/00570	2013/00570
EXHAUST INSERT FOR EXHAUST PORT	United States of America	2010-06-14	12/814939	8650866
Exhaust Insert for Exhaust Port	Canada	2011-06-08	2801906	2801906
Exhaust Insert for Exhaust Port	China	2011-06-08	201180029369.X	201180029369.X
Exhaust Insert for Exhaust Port	South Africa	2011-06-08	2012/09680	2012/09680
Exhaust Insert for Exhaust Port	Australia	2011-06-08	2011268044	2011268044
Pin Handling Device, Coupling Pin and Method for Pin Handling in High Wall Mining	Netherlands	2011-07-15	2007118	2007118
REMOTE REGULATOR FOR ROOF BOLTER	South Africa	2014-06-06	2014/04172	2014/04172
MULTI-PURPOSE MACHINE CHASSIS	United States of America	2013-08-28	14/012791	9296436
MULTI-PURPOSE MACHINE CHASSIS	China	2014-08-26	201420483311.3	201420483311.3
DUST COLLECTION SYSTEM FOR A MACHINE	United States of America	2013-07-31	13/955323	9388692

Patent Application Title	Country	Filed Date	Application Number	Patent No.
DUST COLLECTION SYSTEM FOR A MACHINE	South Africa	2014-07-30	2014/05647	2014/05647
DUST COLLECTION SYSTEM FOR A MACHINE	China	2014-07-30	201410371454.X	201410371454.X
MINING ROOF SUPPORT SYSTEM	United States of America	2014-04-18	14/256368	9206687
MINING ROOF SUPPORT SYSTEM	South Africa	2015-04-16	2015/02584	2015/02584
MINING ROOF SUPPORT SYSTEM	China	2015-04-17	201520231526.0	201520231526.0
CONVEX MIRROR FOR LARGE VEHICLES	China	2015-03-31	201520186997.4	201520186997.4
CONTINUOUS MINING MACHINE HAVING CORE CUTTING ASSEMBLY	United States of America	2014-10-06	14/507424	9476298
VALVE MANIFOLD WITH BREATHER PROTECTION	South Africa	2016-08-25	2016/05962	2016/05962
VALVE MANIFOLD WITH BREATHER PROTECTION	China	Granted	2016-09-18	201621057417.2
SPROCKET WHEEL AND DRIVE SPROCKET FOR TRACK-TYPE MACHINE	Canada	Application	2017-02-14	2958036
STOPPER ASSEMBLY FOR AN IMPLEMENT OF A MACHINE	United States of America	Granted	2016-04-05	15/090849