

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5047619

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
PETER FRANCE	05/08/2018
GUN LEE	05/11/2018
MARK BILLINGHURST	06/14/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CATERPILLAR TRIMBLE CONTROL TECHNOLOGIES LLC
<b>Street Address:</b>	5475 KELLENBURGER ROAD
<b>City:</b>	DAYTON
<b>State/Country:</b>	OHIO
<b>Postal Code:</b>	45424
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15910121
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(513)977-8141
<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>Phone:</b>	5139778600
<b>Email:</b>	gina.smith@dinsmore.com
<b>Correspondent Name:</b>	DINSMORE & SHOHL LLP
<b>Address Line 1:</b>	255 EAST FIFTH STREET
<b>Address Line 2:</b>	SUITE 1900
<b>Address Line 4:</b>	CINCINNATI, OHIO 45202
<b>ATTORNEY DOCKET NUMBER:</b>	41128.158
<b>NAME OF SUBMITTER:</b>	RITU SINGH
<b>SIGNATURE:</b>	/Ritu Singh/
<b>DATE SIGNED:</b>	07/12/2018
<b>Total Attachments: 5</b>	
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## ASSIGNMENT

WHEREAS, we, **Peter France** of Christchurch, New Zealand, **Gun Lee** of Magill Australia and **Mark Billinghurst** of Mawson Lakes, Australia, hereinafter called the *ASSIGNORS*, invented certain new and useful AUGMENTED REALITY DISPLAY FOR MATERIAL MOVING MACHINES, for which the *ASSIGNORS* executed a United States Non-Provisional Patent Application, filed on March 2, 2018, under

Patent Application Serial No.: 15/910.121 ;  
Attorney Docket No.: CTCT 00352 PA/41128-158 ;

WHEREAS, the *ASSIGNORS* hereby authorize and request the attorney(s) and/or agent(s) recording the present assignment, to insert above the filing date and application number of said application, when known;

WHEREAS, **Caterpillar Trimble Control Technologies LLC**, a limited liability company of the State of Delaware, with a place of business at 5475 Kellenburger Road, Dayton, Ohio 45424, hereinafter called the *ASSIGNEE*, is desirous of acquiring the entire right, title and interest in and to said application and the inventions therein disclosed and any letters patent that may issue thereon;

AND, WHEREAS, it is the intent of the *ASSIGNORS* to assign all rights, including but not limited to all substantive rights as well as the (future) right to claim priority and the right to be granted a patent in any and all PCT Contracting States to the above referenced application to the Assignee;

NOW, THEREFORE, in consideration of the sum of One Dollar (US \$1.00) or other good and valuable consideration, the receipt of which is hereby acknowledged, *ASSIGNORS* hereby sell, assign and transfer unto said *ASSIGNEE*, its successors and assigns, the entire right, title and interest, including the right to sue for past infringement, if any, and the right to claim priority, in and to said application, the inventions therein disclosed, and any improvements thereon, and in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possession, in any and all foreign countries, including without limit all PCT Contracting States, all GCC Member States, and in and to any and all divisions, continuations, substitutions, renewals, re-examination, extension and reissues thereof, and any other applications claiming priority thereto;

*ASSIGNORS* hereby authorize and request the Patent Office Officials in the United States and its territorial possessions, and in any and all foreign countries, to issue, when granted, any and all Letters Patents thereon, and reissues thereof, to said *ASSIGNEE* as the assignee of the entire right, title and interest in and to the same, for the sole use and behalf of said *ASSIGNEE* and said *ASSIGNEE*'s successors and assigns, to the full end of the term for which said Letters Patents may be granted, as fully and entirely as the same would have been

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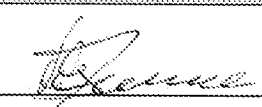
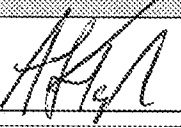
held by *ASSIGNORS* had this assignment and sale not been made; and

*ASSIGNORS* hereby authorize said *ASSIGNEE*, its successors and assigns, to file in its own name applications for patent in foreign countries in connection with the inventions hereby transferred, under the International Convention claiming the priority of said United States application or otherwise, and to secure in its own name the patent or patents issued thereon; and

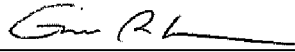

*ASSIGNORS* hereby does agree that, upon request, *ASSIGNORS* will sign all papers, and make all rightful oaths, and do all acts which said *ASSIGNEE*, its successors or assigns, may consider necessary in connection with said United States application, and in connection with any other United States or foreign applications that may be filed in connection with said inventions, and with any improvements thereon, and in connection with any patents issued or reissued thereon.

*ASSIGNORS*:

IN WITNESS WHEREOF, the *ASSIGNORS* have hereunto set his hand and seal.


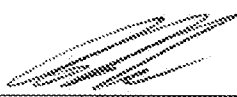
<b><i>Inventor 1: Peter France</i></b>	
Signed:	
Printed Name:	Peter France
Date:	8 May 2018
<b><i>Witness:</i></b>	
Signed:	
Printed Name:	ARTHUR TAYLOR
Title:	Production Manager
Date:	8 <sup>th</sup> May 2018

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[CTCT 00352 PA/41128-158]

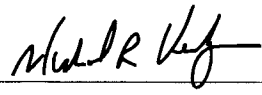
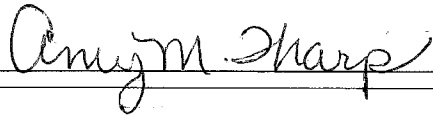
<b>Inventor 2: Gun Lee</b>	
Signed:	
Printed Name:	Gun Lee
Date:	11 May 2018
<b>Witness:</b>	
Signed:	
Printed Name:	THAMMATHIP PIUMSOMBORN
Title:	DR.
Date:	11 MAY 2018

<b>Inventor 3: Mark Billingham</b>	
Signed:	
Printed Name:	
Date:	
<b>Witness:</b>	
Signed:	
Printed Name:	
Title:	
Date:	

<i>Inventor 2: Gun Lee</i>	
Signed:	_____
Printed Name:	
Date:	
<i>Witness:</i>	
Signed:	_____
Printed Name:	
Title:	
Date:	

<i>Inventor 3: Mark Billingham</i>	
Signed:	
Printed Name:	Mark Billingham
Date:	14/6/18
<i>Witness:</i>	
Signed:	
Printed Name:	IAN PRICE
Title:	JUSTICE OF THE PEACE 24793
Date:	14/6/2018

IN WITNESS WHEREOF, ASSIGNEE hereby accepts and receives this ASSIGNMENT:

<i>Assignee: Caterpillar Trimble Control Technologies LLC</i>	
Signed:	
Printed Name:	Michael R. Verheyen
Title:	General Manager & President
Date:	July 11, 2018
<i>Witness:</i>	
Signed:	
Printed Name:	Amy M. Tharp
Title:	Intellectual Property Manager
Date:	July 11, 2018

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