502899056 07/18/2014 PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT			
NATURE OF CONVEYANCE:		ASSIGNMENT	ASSIGNMENT			
CONVEYING PART	Y DATA					
		Name	Execution Date			
ISAAC J. SACHS			08/03/2010			
BENJAMIN P. GOTT	FEMOLLER		08/02/2010			
RECEIVING PARTY	DATA					
Name:	CATERP	PILLAR INC.				
Street Address:	100 NE A	ADAMS STREET				
City:	PEORIA					
State/Country:	ILLINOIS	ILLINOIS				
Postal Code:	61629					
Property Ty	vpe	Number				
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Property Ty	vpe	Number 3089543				
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ASSIGNMENT

WHEREAS, ISAAC J SACHS, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR has invented together with Benjamin P Gottemoller a new and useful

ROTARY POSITION SENSOR

for which ASSIGNOR is about to file an international application and/or make application for Leners Patent in the United States of America, such invention being described and identified by said application having an attached International Application Request and/or an attached Declaration and Power of Attorney executed by ASSIGNOR on _____; and WHEREAS, Caterpillar Inc., a Delaware corporation having a place of business at Peoria, State

of Illinois, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country,

3. ASSIGNOR hereby authorizes and requests the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Inc.

4. This assignment shall inure 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 has executed this instrument.

ISAAC ESACIES

The S/3/2010 Date

IN WITNESS OF the execution hereof by ISAAC J SACHS we have hereunto set our hands.

<u> 75-2</u>	8/3/2010	LiSollin	8/3/2010
Witness (1)	Date	Witness (2)	Date
Address: 110 Somere	SET PR.	Address: [//// N.	North Riold LA
Grissentown HI	Us IZ	Dunlap It	61525
	61548		

ASSIGNMENT

WHEREAS, BENJAMIN P GOTTEMOLLER, residing at Peoria, Illinois, hereinafter referred to as ASSIGNOR has invented together with Isaac J Sachs a new and useful

ROTARY POSITION SENSOR

for which ASSIGNOR is about to file an international application and/or make application for Letters Patent in the United States of America, such invention being described and identified by said application having an attached International Application Request and/or an attached Declaration and Power of Attorney executed by ASSIGNOR on $\frac{8/2}{2000}$; and

WHEREAS, Caterpillar Inc., a Delaware corporation having a place of business at Peoria, State of Illinois, United States of America, hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to said invention and any Letters Patent granted thereon by the United States of America and any foreign country;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) and for other good and valuable consideration received by ASSIGNOR from ASSIGNEE, the receipt of which is hereby acknowledged by ASSIGNOR;

1. ASSIGNOR hereby sells, assigns, transfers and conveys unto ASSIGNEE the entire right, title and interest in and to said invention, any application therefor, and any Letters Patent granted thereon by the United States of America and any foreign country, including any continuing application, reissue or extension thereof, together with the right to file applications and obtain patents for said invention in any foreign country, and covenant that ASSIGNOR has the full right to do so.

2. At the request and expense of ASSIGNEE, ASSIGNOR agrees to communicate to ASSIGNEE any facts known respecting said invention, to execute all papers necessary to file any application on said invention necessary or desirable to aid ASSIGNEE in obtaining and enforcing proper protection for said invention in the United States of America and any foreign country.

ASSIGNOR hereby authorizes and requests the COMMISSIONER OF PATENTS AND TRADEMARKS to issue the United States Letters Patent on said invention, when granted, to Caterpillar Inc.

4. This assignment shall inure to the benefit of ASSIGNEE, its successors, assigns and other legal representatives, and shall be binding upon ASSIGNOR, ASSIGNOR'S heirs and legal representatives.

	SIGNOR has executed this instrument.
S- 9-1	dialans
RENIAMIN P COTTEMOLTER	<u>D1214010</u>

IN WITNESS OF the execution hereof by BENJAMIN P GOTTEMOLLER we have hereunto set our hands.

78- <u></u> 8	8/2/2010	La Sallar	8/2/20
Witness (1) Address:	Date	Witness (2) Address: <u>///// M</u>	Date Norse Letel 40
110 Somerset		Duniel IL	· 01525
	IL 61548		

RECORDED: 07/18/2014