

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT5688004

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
	Name	Execution Date
	PRIMORDIAL, INC.	08/16/2019
RECEIVING PARTY DATA		
Name:	POLARIS INDUSTRIES INC.	
Street Address:	2100 HIGHWAY 55	
City:	MEDINA	
State/Country:	MINNESOTA	
Postal Code:	55340-9770	
PROPERTY NUMBERS Total: 3		
Property Type	Number	
Application Number:	13472866	
Application Number:	12847845	
Application Number:	12307441	
CORRESPONDENCE DATA		
Fax Number:		
<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>		
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ATTORNEY DOCKET NUMBER:	PLR-00PR-26303-01P-US	
NAME OF SUBMITTER:	JESSICA L. VAN DALEN	
SIGNATURE:	/Jessica L. Van Dalen/	
DATE SIGNED:	08/27/2019	
Total Attachments: 3		
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source=Assignment_Primordial#page3.tif		

PATENT ASSIGNMENT

WHEREAS, Primordial, Inc., a Delaware corporation, having its principal office at 2100 Highway 55, Medina, Minnesota 55340-9770 ("ASSIGNOR") owns the Patents found on the attached Exhibit A ("Patents").

WHEREAS, Polaris Industries Inc., ("ASSIGNEE"), a Delaware corporation, having its principal office at 2100 Highway 55, Medina, Minnesota 55340-9770 desires to acquire the entire right, title and interest in the Patents;

NOW, THEREFORE, for good and valuable consideration paid to ASSIGNOR by ASSIGNEE, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby assigns, sells and transfers to ASSIGNEE all rights, title and interest in and to the Patents; the inventions disclosed therein; in and to any applications claiming the benefit thereof and any divisional, continuation, continuation-in-part, or reissue applications corresponding to such patents and patent applications and any reexamination or reissue of such patents and patent applications; in and to any foreign patents or patent applications corresponding thereto; and the right to claim priority based on the filing dates of such applications under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and all other treaties of like purpose; including all claims for profits or damages due or accrued by reason of past, present, or future infringements of such patents and patent applications, with the right to sue for, and collect the same for ASSIGNEE's own use and benefit, and for the benefit of Assignee's successors, assigns, and legal representatives. ASSIGNOR will without further compensation, perform such lawful acts and execute all further documents as ASSIGNEE may reasonably request to effectuate fully the assignment of such patents and patent applications.

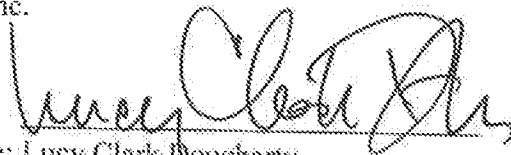
ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for the Patents, including any applications claiming the benefit thereof and any divisions, continuations, continuations-in-part, reexaminations, reissues or extensions thereof, to ASSIGNEE, its successors and assigns.

ASSIGNOR does hereby covenant and agree with ASSIGNEE, its successors and assigns, that ASSIGNOR will not execute any writing or do any act conflicting with this assignment, and that ASSIGNOR will execute such additional writings and do such additional acts as ASSIGNEE, its successors and assigns, may deem necessary or desirable to perfect its enjoyment of this assignment, and render all necessary assistance in making application for and obtaining original, divisional, continuation, continuation-in-part, reissued, reexamined or extended Letters Patent of the United States of America that may issue from the Patents or claim the benefit of the Patents and likewise for all foreign patents and patent applications.

Date: August 16, 2019

Primordial, Inc.
Assignor

Signature:



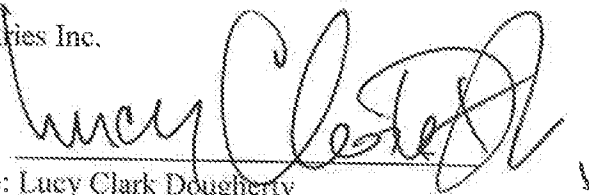
Printed Name: Lucy Clark Dougherty

Title: Vice President-Secretary

Date: August 16, 2019

Polaris Industries Inc.
Assignee

Signature:



Printed Name: Lucy Clark Dougherty

Title: Vice President-Secretary

EXHIBIT A

APPLICATION NO.	FILE DATE	TITLE	COUNTRY
2,718,788	September 16, 2010	SYSTEM AND METHOD FOR GENERATING TACTICAL ROUTES	Canada
PCT/US2008/069314	July 7, 2008	SYSTEM AND METHOD FOR GENERATING TACTICAL ROUTES	Patent Cooperation Treaty
14/626,617	February 19, 2015	SYSTEM AND METHOD FOR GENERATING TACTICAL ROUTES	United States
13/472,866	May 16, 2012	SYSTEM AND METHOD FOR MULTI-PLANE ROUTING	United States
12/920,580	September 1, 2010	SYSTEM AND METHOD FOR GENERATING TACTICAL ROUTES	United States
102010040730	September 14, 2010	SYSTEM AND METHOD FOR MULTI-RESOLUTION ROUTING	Germany
12/847,845	July 30, 2010	SYSTEM AND METHOD FOR MULTI-RESOLUTION ROUTING	United States
2,656,675	July 3, 2007	METHOD AND SYSTEM PROVIDING OFF-ROAD GUIDANCE	Canada
12/307,441	August 28, 2009	METHOD AND SYSTEM FOR PROVIDING OFF-ROAD GUIDANCE	United States
PCT/US2007/015389	July 3, 2007	METHOD AND SYSTEM FOR PROVIDING OFF-ROAD GUIDANCE	Patent Cooperation Treaty
13/733,132	January 2, 2013	SYSTEM AND METHOD FOR CROWDSOURCING MAP PRODUCTION	United States
PCT/US2014/010035	January 2, 2014	SYSTEM AND METHOD FOR CROWDSOURCING MAP PRODUCTION	Patent Cooperation Treaty