

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	LIU CHAO LIEN	12/21/2017
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	BLACK & DECKER INC.	
<b>Street Address:</b>	1000 STANLEY DRIVE	
<b>City:</b>	NEW BRITAIN	
<b>State/Country:</b>	CONNECTICUT	
<b>Postal Code:</b>	06053	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	29629805
<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>	sharon.gilden@sbdinc.com	
<b>Correspondent Name:</b>	STANLEY BLACK & DECKER INC.	
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<b>ATTORNEY DOCKET NUMBER:</b>	TN20170509	
<b>NAME OF SUBMITTER:</b>	ADAN AYALA	
<b>SIGNATURE:</b>	/AdanAyala/	
<b>DATE SIGNED:</b>	12/22/2017	
<b>Total Attachments: 2</b>		
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### ASSIGNMENT

For valuable consideration, the receipt of which is hereby acknowledged by me/us, the undersigned, hereinafter referred to collectively as Assignor, agrees to sell and assign and does hereby sell and assign to BLACK & DECKER INC., a corporation organized and existing under the laws of the State of Delaware, U.S.A., having its principal place of business at 1000 Stanley Drive, New Britain, Connecticut 06053, U.S.A., its successors, assigns, nominees, or other legal representatives, the entire right, title, and interest in and to the Invention titled:


### "ENGINE"

invented by the undersigned, having United States Patent Application Serial No. 29/629,805 filed on December 15, 2017, and all original and reissued Patents granted therefor, and all divisions and continuations thereof, including the subject matter of any and all claims which may be obtained in every such Patent, and the right to apply for and obtain Patents, Utility Model Registrations, and Inventor's Certificates in countries foreign to the United States, and in and to any Patent, Utility Model Registration, or Inventor's Certificate which may be granted thereon in such foreign countries, including all priority rights under the International Convention associated therewith for each country that is a party to such International Convention, and authorize and request the Director of the United States Patent & Trademark Office, and any official of any country or countries foreign to the United States, whose duty it is to issue Patents, Utility Model Registrations, and Inventor's Certificates as aforesaid, to issue the said Patent, Utility Model Registration, or Inventor's Certificate to BLACK & DECKER INC., its successors, assigns, nominees, or other legal representatives, as assignee of the entire interest, and covenant, that I/we have full right to convey the entire interest herein assigned, and that I/we have not executed and will not execute any agreement in conflict herewith, and agree that I/we will communicate to BLACK & DECKER INC., its successors, assigns, nominees, or other legal representatives, all facts known to me respecting said Invention, whenever requested, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when BLACK &

DECKER INC., its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, I/we will, upon request, sign all lawful papers requisite for the filing of such disclaimer, and I/we further covenant and agree that I/we will, at any time upon request, do everything legally possible to aid BLACK & DECKER INC., its successors, assigns, nominees, or other legal representatives, either in its or their own name, to apply for, obtain, defend, and enforce any Patent, Utility Model, and/or Inventor's Certificate for said Invention in all countries, all without further consideration but at the expense of said BLACK & DECKER INC., its successors, assigns, nominees, or other legal representatives.

  
Liu Chao Lien

Date: 12/21/2017

  
Gris Chen

Date: 12/21/2017