

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5050979

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	RELEASE OF SECURITY INTEREST

**CONVEYING PARTY DATA**

Name	Execution Date
BANK OF AMERICA, N.A.	07/11/2018

**RECEIVING PARTY DATA**

<b>Name:</b>	ESCO CORPORATION
<b>Street Address:</b>	2141 NW 25TH AVENUE
<b>City:</b>	PORTLAND
<b>State/Country:</b>	OREGON
<b>Postal Code:</b>	97210-2578

**PROPERTY NUMBERS Total: 21**

Property Type	Number
Patent Number:	RE43693
Patent Number:	7640685
Application Number:	15621921
Application Number:	15610563
Application Number:	15600488
Application Number:	15588376
Application Number:	15588453
Application Number:	29603089
Application Number:	15426461
Application Number:	15398699
Application Number:	62398880
Application Number:	62397686
Application Number:	29526004
Application Number:	62395327
Application Number:	15279806
Application Number:	15122091
Application Number:	14778550
Application Number:	15043482
Application Number:	15043433
Application Number:	15009303

PATENT

Property Type	Number
Application Number:	15079169

**CORRESPONDENCE DATA**

**Fax Number:** (503)449-6082

*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.*

**Phone:** 503-778-6430

**Email:** patents@escocorp.com

**Correspondent Name:** ESCO GROUP LLC

**Address Line 1:** 2141 NW 25TH AVENUE

**Address Line 4:** PORTLAND, OREGON 97210-2578

**NAME OF SUBMITTER:** MICHELLE WHITE

**SIGNATURE:** /MICHELLE WHITE/

**DATE SIGNED:** 07/16/2018

**Total Attachments: 4**

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**TERMINATION AND RELEASE OF SECURITY INTEREST  
IN PATENTS**

This **TERMINATION AND RELEASE OF SECURITY INTEREST IN PATENTS**, dated as of July 11, 2018 (“Release”), is made by Bank of America, N.A., as Administrative Agent (“Administrative Agent”) in favor of ESCO Corporation, an Oregon corporation (“Obligor”).

**WHEREAS**, pursuant to that certain Amended and Restated Security and Pledge Agreement dated as of June 30, 2017 (as amended, restated, supplemented, modified, extended, renewed or replaced from time to time, the “Security Agreement”) by and among the Obligor, Administrative Agent, and others party thereto, Obligor granted to the Administrative Agent, for the benefit of the holders of the Secured Obligations (“Secured Parties”), a continuing security interest in, and a right to set off against, any and all right, title and interest of Obligor in and to all Patents, Patent Licenses, and Proceeds of the foregoing (collectively, “Patent Collateral”); and

**WHEREAS**, pursuant to the Security Agreement, Obligor executed and delivered to Administrative Agent, for the benefit of the Secured Parties, the Notice of Grant of Security Interest in Patents recorded at the United States Patent and Trademark Office (“USPTO”) on June 30, 2017 at Reel 043070 Frame 0413 (“Notice”).

**NOW THEREFORE**, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Administrative Agent, on behalf of the Secured Parties, and Obligor agree as follows:

**SECTION 1. Defined Terms.** All capitalized terms used herein but not otherwise defined herein have the meanings given to them in the Security Agreement or Notice.

**SECTION 2. Termination and Release.** Administrative Agent, on behalf of the Secured Parties, without representation, warranty, or recourse, hereby:

(a) terminates, cancels, forever discharges, and releases all of its and the Secured Parties’ right, title and interest in and to all of the Patent Collateral (including but not limited to the continuing security interest in, and the right to set off against, Obligor’s right, title, and interest in and to all the Patent Collateral), including, but not limited to, the Patent Collateral listed on Schedule A attached hereto, granted pursuant to the Security Agreement or Notice; and

(b) authorizes the recordation of this Release with the USPTO at Obligor’s expense.

**SECTION 3. Choice of Law.** This Release shall be governed by and construed in accordance with the laws of the State of New York.

IN WITNESS WHEREOF, the Administrative Agent, on behalf of the Secured Parties, has caused this Termination and Release of Security Interest in Patents to be duly executed as of the date first set forth above.

Administrative Agent:

Bank of America, N.A.,  
as Administrative Agent

By: Brenda Schriener  
Name: Brenda Schriener  
Title: Vice President

**Schedule A**

**U.S. Patents Subject to Security Interest  
Granted by ESCO Corporation  
In Favor of Bank of America, N.A., as Administrative Agent  
Recorded June 30, 2017 at Reel 043070 Frame 0413**

**Issued Patent**

<b>Title</b>	<b>Patent No.</b>	<b>Issue Date</b>
COUPLING ARRANGEMENT	RE43693 (7640685)	10/02/12

**Patent Applications**

<b>Title</b>	<b>Appl. No.</b>	<b>Filing Date</b>
HANDLING SYSTEM FOR GROUND-ENGAGING WEAR PARTS SECURED TO EARTH WORKING EQUIPMENT	15621921	06/13/17
GROUND ENGAGING TOOL MANAGEMENT	15610563	05/31/17
BUCKET FOR CABLE SHOVEL	15600488	05/19/17
A WEAR PART FOR EARTH WORKING EQUIPMENT	15588376	05/05/17
WEAR PART MONITORING	15588453	05/05/17
WEAR PART FOR EARTH WORKING EQUIPMENT	29603089	05/05/17
WEAR ASSEMBLY FOR EARTH WORKING EQUIPMENT	15426461	02/07/17
HARDFACED WEAR PART USING BRAZING AND ASSOCIATED METHOD AND ASSEMBLY FOR MANUFACTURING	15398699	01/04/17
ASSET MANAGEMENT UTILIZING A MOBILE DEVICE	62398880	09/23/16
PIN ASSEMBLY	62397686	09/21/16
HAMMER FOR SHREDDING MACHINES	29526004	05/05/15
PRODUCTS, PROCESSES AND SYSTEMS FOR MONITORING GROUND ENGAGING PRODUCTS, EARTH WORKING EQUIPMENT AND/OR EARTH WORKING OPERATIONS	62395327	09/15/16
WEAR MEMBER FOR EARTH WORKING EQUIPMENT	15279806 20170089045	09/29/16
PIVOT CONNECTION FOR TRUCK BODIES	15122091 20170066359	08/26/16
WEAR CAP FOR AN EARTH WORKING ROLL	14778550 20160290134	09/18/15
MONITORING GROUND-ENGAGING PRODUCTS FOR EARTH WORKING EQUIPMENT	15043482 20160237657	02/12/16
MONITORING GROUND-ENGAGING PRODUCTS FOR EARTH WORKING EQUIPMENT	15043433 20160237640	02/12/16
MINERAL WINNING PICK, HOLDER, AND COMBINATION	15009303 20160215619	01/28/16
WEAR ASSEMBLY	15079169	03/24/16

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