PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3711643

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SCOTT R. CHEWNING	11/11/2015
ADAM M. JONES	11/17/2015

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14823904

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: 5037786430

Email: patents@escocorp.com

Correspondent Name: ESCO CORPORATION

Address Line 1: 2141 NW 25TH AVENUE

Address Line 4: PORTLAND, OREGON 97210-2578

ATTORNEY DOCKET NUMBER:	483-US
NAME OF SUBMITTER:	JOHN ANDERTON
SIGNATURE:	/JOHN ANDERTON/
DATE SIGNED:	01/26/2016

Total Attachments: 6

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PATENT REEL: 037587 FRAME: 0174 source=483-US Assignment (signed)#page5.tif

PATENT REEL: 037587 FRAME: 0175

RECORDATION FORM COVER SHEET		
PATENTS ONLY		
	e record the attached documents or the new address(es) below.	
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)	
Coott D. Olassusiasis Adams M. Jamas	Name: ESCO Corporation	
Scott R. Chewning, Adam M. Jones	Internal Address:	
Additional name(s) of conveying party(ies) attached? Yes No	Street Address: 2141 NW 25th Avenue	
3. Nature of conveyance/Execution Date(s): Execution Date(s) 11/11/2015, 11/17/2015	Street Address: 2111 144 Zotti / Worldo	
Assignment Merger		
Security Agreement Change of Name	City: Portland	
Joint Research Agreement	State: Oregon	
Government Interest Assignment Executive Order 9424, Confirmatory License	Country: USZip: 97210-2578	
Other	Additional name(s) & address(es) attached? Yes No	
4. Application or patent number(s):	document serves as an Oath/Declaration (37 CFR 1.63).	
A. Patent Application No.(s)	B. Patent No.(s)	
14/823904		
Additional numbers att	ached? Yes No	
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 1	
Name: ESCO Corporation	7 Total foo (27 CED 4 24/b) 9 2 44) \$	
Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$	
internal Address		
O1.41 NIW OEth Avenue	Authorized to be charged to deposit account	
Street Address: 2141 NW 25th Avenue	Enclosed None required (government interest not affecting title)	
	None required (government interest not affecting title)	
City: Portland	8. Payment Information	
State: <u>Oregon</u> <u>Zip:</u> <u>97210-2578</u>		
Phone Number: 503.499.6082	50.2595	
Docket Number: 483-US	Deposit Account Number 50-3585	
Email Address:_patents@escocorp.com	Authorized User Name John Anderton	
9. Signature: /John Anderton/	2016-01-26	
Signature	Date	
John Anderton	Total number of pages including cover sheet, attachments, and documents:	
Name of Person Signing Documents to be recorded (including cover shee	Shoot, attachments, and accuments.	
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PATENT

REEL: 037587 FRAME: 0176

483-US

ASSIGNMENT

WHEREAS, WE, Scott R. Chewning, residing at 1804 SE 73rd Avenue,

Hillsboro, Oregon 97123; and Adam M. Jones, residing at 12 Brittney Lane, Wright,

Wyoming 82732; ("ASSIGNORS"), are citizens of the United States of America, have

invented certain new and useful improvements in a REPLACEABLE WEAR SURFACE

for which an application for United States Patent was filed on 11 August 2015,

Application Serial No. 14/823,904, and assigned attorney docket number 483-US; and

WHEREAS, ESCO CORPORATION, a corporation duly organized under the

laws of the State of Oregon, having a place of business at 2141 NW 25th Avenue,

Portland, Oregon 97210 ("ESCO") is desirous of acquiring the entire right, title and

interest in and to the aforesaid invention and all Letters Patent of the United States and

any foreign country which may be granted therefor;

NOW THEREFORE, for good and valuable consideration, the receipt of which is

hereby acknowledged, ASSIGNORS hereby sell and assign to ESCO the entire right,

title and interest in and to said invention in the United States and in all foreign countries

and the entire right, title and interest in and to all Letters Patent which may be granted

therefor in the United States and all foreign countries and in and to all divisions,

reissues, continuations, continuations-in-part, substitutions, renewals, reexaminations,

and extensions thereof, including the full right to claim for any such application the

benefits of all International Treaties and Conventions.

ASSIGNORS hereby warrant to have the full right to convey the entire right, title

and interest in and to said invention to ESCO and that no other instrument or

assignment has been or will be executed in conflict with this Assignment.

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PATENT REEL: 037587 FRAME: 0177 ASSIGNORS hereby authorize and request the patent office officials in the

United States and in all foreign countries to issue all of said Letters Patent to ESCO as

the owner of the entire right, title and interest in and to the same.

ASSIGNORS further agree to communicate to ESCO any facts known to

ASSIGNORS respecting said invention, and to testify in any legal proceeding, to sign all

lawful papers, to execute all divisional, continuation, continuation-in-part, substitution,

renewal, reexamination, and reissue applications, to execute all assignment papers to

cause all of said Letters Patent to be issued to ESCO, to make all rightful oaths and

generally do everything possible to aid ESCO, its successors and assigns, to obtain and

enforce proper protection for said invention in the United States and in all foreign

countries.

IN WITNESS WHEREOF, we have hereunto set our hand and seal.

Authin	11/11/2015
Scott R. Chewning	Dated
Adam M. Jones	Dated

State of Oregon

County of Multnomah

On this \(\ldots \) day of November 2015, before me a Notary Public in and for the County and State aforesaid, personally appeared **Scott R. Chewning** to me known to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be his/her free act and deed.

OFFICIAL STAMP
MARY DENISE ROSERTS
NOTARY PUBLIC-OREGON
COMMISSION NO. 925759
MY COMMISSION EXPIRES MARCH 05, 2018

Mary Denise Roberts
Notary Public State of Oregon

My Commission expires: March 5, 2018

State of	
County of	
aforesaid, personally appeared Adam M. Jon	e a Notary Public in and for the County and State es to me known to be the person of that name, at, and acknowledged the same to be his/her free
	Notary Public - State of

ASSIGNORS hereby authorize and request the patent office officials in the United States and in all foreign countries to issue all of said Letters Patent to ESCO as the owner of the entire right, title and interest in and to the same.

ASSIGNORS further agree to communicate to ESCO any facts known to ASSIGNORS respecting said invention, and to testify in any legal proceeding, to sign all lawful papers, to execute all divisional, continuation, continuation-in-part, substitution, renewal, reexamination, and reissue applications, to execute all assignment papers to cause all of said Letters Patent to be issued to ESCO, to make all rightful oaths and generally do everything possible to aid ESCO, its successors and assigns, to obtain and enforce proper protection for said invention in the United States and in all foreign countries.

IN WITNESS WHEREOF, we have hereunto set our hand and seal.

Scott R. Chewning	Dated
Adam M. Jones	//- ე - გა /გ Dated

State of Oregon

County of Multnomah

On this _____ day of November 2015, before me a Notary Public in and for the County and State aforesaid, personally appeared **Scott R. Chewning** to me known to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be his/her free act and deed.

Mary Denise Roberts
Notary Public – State of Oregon
My Commission expires: March 5, 2018

State of // //

County of Canasili

On this 17 day of November 2015, before me a Notary Public in and for the County and State aforesaid, personally appeared **Adam M. Jones** to me known to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be his/her free act and deed.

Notary Public - State of _______

My Commission expires: The services in St

Janice E. Opsal - Notary Public

County of State of Wyoming

My Commission Expires 11/12/2019