PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3452126

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL B. ROSKA	07/09/2015
TY D. PORTER	06/25/2015
SEVERN D. DURAND	07/10/2015

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:	14699939

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:	485-US	
NAME OF SUBMITTER:	JOHN ANDERTON	
SIGNATURE:	/John Anderton/	
DATE SIGNED:	07/23/2015	

Total Attachments: 6

source=485_US_Assignment_Coversheet_pto1595#page1.tif

source=485_US_Assignment#page1.tif source=485_US_Assignment#page2.tif

 $source = 485_US_Assignment \# page 3.tif$

source=485_US_Assignment#page4.tif source=485_US_Assignment#page5.tif

PATENTS ONLY				
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.				
1. Name of conveying party(ies) Michael B. Roska, Ty, D. Porter, Severn D. Durand Additional name(s) of conveying party(ies) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) 7/9/2015, 6/25/15, 7/10/15 Assignment Merger	2. Name and address of receiving party(ies) Name: ESCO Corporation Internal Address: Street Address: 2141 NW 25th Avenue City: Portland			
Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other	State: Oregon Country: US Zip: 97210-2578 Additional name(s) & address(es) attached? Yes No			
4. Application or patent number(s): This A. Patent Application No.(s) 14/699,939 Additional numbers att	document serves as an Oath/Declaration (37 CFR 1.63). B. Patent No.(s) ached? Yes No			
5. Name and address to whom correspondence concerning document should be mailed: Name: ESCO Corporation Internal Address:	6. Total number of applications and patents involved: 7. Total fee (37 CFR 1.21(h) & 3.41) \$0.00 Authorized to be charged to deposit account Enclosed None required (government interest not affecting title)			
City: Portland State: Oregon Zip: 97210-2578 Phone Number: 503.499.6082 Docket Number: 485-US Email Address: patents@escocorp.com	8. Payment Information Deposit Account Number 50-3585 Authorized User Name John Anderton			
9. Signature: /John Anderton/	2015-07-23			
Signature John Anderton Name of Person Signing Documents to be recorded (including cover sheet Mail Stop Assignment Recordation Services, Director of	Total number of pages including cover sheet, attachments, and documents: (1) should be faxed to (571) 273-0140, or mailed to: If the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450			

485-US

ASSIGNMENT

WHEREAS, WE, Michael B. Roska, residing at 0344 SW Florida Street,

Portland, Oregon 97219; and Ty D. Porter, residing at 409 South 1st Street, Oregon

City, Oregon, 97045; and Severn D. Durand, residing at 6025 North Boston Avenue,

Portland, Oregon 97217 ("ASSIGNORS"), are citizens of the United States of America,

have invented certain new and useful improvements in a HAMMER FOR MATERIAL

REDUCING MACHINES for which an application for United States Patent was filed on

29 April 2015, Application Serial No. 14/699,939, and assigned attorney docket number

485-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.

Page 1 of 3

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.

09 July 2015

Dated Michael B. Roska D. Pohter

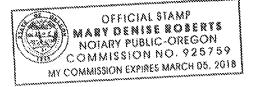
Severn D. Durand

Dated

State of Oregon

County of Multnomah

On this day of June 2015, before me a Notary Public in and for the County and State aforesaid, personally appeared **Michael B. Roska** 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 Den(s& Roberts

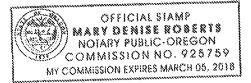
Notary Public - State of Oregon

My Commission expires: March 5, 2018

State of Oregon

County of Multnomah

On this 25th day of June 2015, before me a Notary Public in and for the County and State aforesaid, personally appeared **Ty D. Porter** 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 Oregon

County of Multnomah

On this _____ day of June 2015, before me a Notary Public in and for the County and State aforesaid, personally appeared **Severn D. Durand** 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

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.

Michael B. Roska

y D. Porter

Sévern D. Durand

09 July 2015

25 JUNE 2015

Dated ... ລທ/ຂື້

hate(1

State of Oregon

County of Multnomah

On this _____ day of June 2015, before me a Notary Public in and for the County and State aforesaid, personally appeared **Michael B. Roska** 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: <u>March 5, 2018</u>

State of Oregon

County of Multnomah

On this 25th day of June 2015, before me a Notary Public in and for the County and State aforesaid, personally appeared **Ty D. Porter** 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: <u>March 5, 2018</u>

State of Oregon

County of Multnomah

On this day of July 2015, before me a Notary Public in and for the County and State aforesaid, personally appeared **Severn D. Durand** 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 Oregon My Commission expires:

OFFICIAL SEAL RICK DEAN PHILLIPS NOTARY PUBLIC - OREGON COMMISSION NO. 485136

MY COMMISSION EXPIRES JANUARY 23, 2016