

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
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EPAS ID: PAT2854064

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
DANIEL R. MORROW	05/12/2014
MICHAEL R. WEEKS	05/12/2014
LONNY V. MORGAN	04/22/2014
<b>RECEIVING PARTY DATA</b>	
<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
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14248107
<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 via US Mail.</i>	
<b>Phone:</b>	503.778.6225
<b>Email:</b>	steve.schad@escocorp.com
<b>Correspondent Name:</b>	ESCO CORPORATION
<b>Address Line 1:</b>	2141 NW 25TH AVENUE
<b>Address Line 4:</b>	PORTLAND, OREGON 97210
<b>ATTORNEY DOCKET NUMBER:</b>	447
<b>NAME OF SUBMITTER:</b>	STEVEN P. SCHAD
<b>SIGNATURE:</b>	/Steven P. Schad, #32550/
<b>DATE SIGNED:</b>	05/13/2014
<b>Total Attachments: 3</b>	
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**ASSIGNMENT**

WHEREAS, WE, DANIEL R. MORROW, residing at 8905 NE Davis Street, Portland, Oregon 97220; MICHAEL R. WEEKS, 9406 North Fairhaven Avenue, Portland, Oregon 97293; and LONNY V. MORGAN, 711 NW 22<sup>nd</sup> Avenue, Battle Ground, Washington 98604 ("ASSIGNORS"), are citizens of the United States of America, have invented certain new and useful improvements in a DISCHARGE GRATES FOR REDUCTION MILLS for which an application for United States Patent was filed on April 8, 2014, Serial No. 14/248107, and assigned attorney docket number 447; and

WHEREAS, ESCO CORPORATION, a corporation duly organized under the laws of the State of Oregon, having a place of business at 2141 NW 25<sup>th</sup> 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;

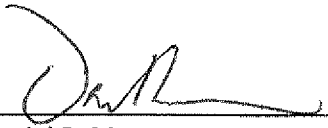
NOW THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell and assign to ESCO the entire right, title and interest in and to said invention in the United States and in all foreign countries and the entire right, title and interest in and to 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.

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.

  
 Daniel R. Morrow

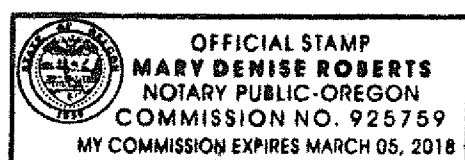
May 12, 2014  
 Date

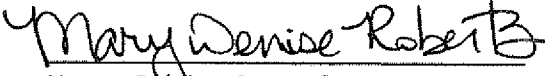
  
 Michael R. Weeks

May 12, 2014  
 Date

State of Oregon  
 County of Multnomah

On this 12<sup>th</sup> day of May, 2014, before me a Notary Public in and for the County and State aforesaid, personally appeared Daniel R. Morrow and Michael R. Weeks, to me known to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be their free act and deed.



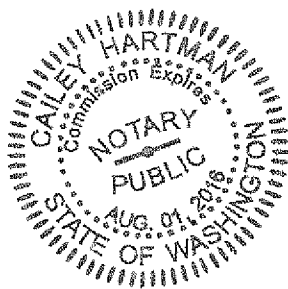
  
 Notary Public – State of Oregon  
 My Commission expires: 3/5/2018

Lonny V. Morgan  
Lonny V. Morgan

4/22/14  
Date

State of Oregon ~~WA~~  
County of ~~Multnomah~~ Clark

On this 22 day of April, 2014, before me a Notary Public in and for the County and State aforesaid, personally appeared Lonny V. Morgan, to me known to be the person of that name, who signed and sealed the foregoing instrument, and acknowledged the same to be his free act and deed.



Cailey Hartman  
Notary Public – State of Oregon ~~WA~~  
My Commission expires: Aug. 01, 2016