

## PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Kenneth Kubo</td> <td>01/19/2009</td> </tr> <tr> <td>Steven D. Hyde</td> <td>01/19/2009</td> </tr> <tr> <td>Aaron B. Lian</td> <td>01/19/2009</td> </tr> </tbody> </table>		Name	Execution Date	Kenneth Kubo	01/19/2009	Steven D. Hyde	01/19/2009	Aaron B. Lian	01/19/2009						
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>ESCO Corporation</td> </tr> <tr> <td>Street Address:</td> <td>2141 NW 25th Avenue</td> </tr> <tr> <td>City:</td> <td>Portland</td> </tr> <tr> <td>State/Country:</td> <td>OREGON</td> </tr> <tr> <td>Postal Code:</td> <td>97210-2578</td> </tr> </table>		Name:	ESCO Corporation	Street Address:	2141 NW 25th Avenue	City:	Portland	State/Country:	OREGON	Postal Code:	97210-2578				
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PROPERTY NUMBERS Total: 6															
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CORRESPONDENCE DATA															
Fax Number:	5034996082														
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>															
Phone:	503.778.6225														
Email:	steve.schad@escocorp.com														
Correspondent Name:	ESCO Corporation														
Address Line 1:	2141 NW 25th Avenue														
Address Line 4:	Portland, OREGON 97210-2578														

CH \$240.00 61023021

ATTORNEY DOCKET NUMBER:	382CONT
NAME OF SUBMITTER:	Steven P. Schad
Signature:	/Steven P. Schad, #32550/
Date:	06/11/2013
<p>Total Attachments: 4</p> <p>source=assignment#page1.tif</p> <p>source=assignment#page2.tif</p> <p>source=assignment#page3.tif</p> <p>source=assignment#page4.tif</p>	



**UNITED STATES PATENT AND TRADEMARK OFFICE**

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



\*500759277K

JANUARY 21, 2009

PTAS

ESCO CORPORATION  
2141 NW 25TH AVENUE  
P.O. BOX 10123  
PORTLAND, OR 97210

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES BRANCH, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 01/21/2009

REEL/FRAME: 022133/0753

NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 382 US

ASSIGNOR:

KUBO, KENNETH

DOC DATE: 01/19/2009

ASSIGNOR:

HYDE, STEVEN D

DOC DATE: 01/19/2009

ASSIGNOR:

LIAN, AARON B

DOC DATE: 01/19/2009

ASSIGNEE:

ESCO CORPORATION  
2141 NW 25TH AVENUE  
PORTLAND, OREGON 97210-2578

SERIAL NUMBER: 12356955

FILING DATE:

PATENT NUMBER:

ISSUE DATE:

TITLE: DRAGLINE BUCKET, RIGGING AND SYSTEM

TO:ESCO CORPORATION COMPANY:2141 NW 25TH AVENUE

022133/0753 PAGE 2

ASSIGNMENT SERVICES BRANCH  
PUBLIC RECORDS DIVISION

## ASSIGNMENT

WHEREAS, WE, KENNETH KUBO, residing at 6811 SE Bixel Way, Milwaukie, Oregon 97267; STEVEN D. HYDE, residing at 6515 SE 22<sup>nd</sup> Avenue, Portland, Oregon 97202; and AARON B. LIAN, residing at Avenue des Chasseurs 12, 1410 Waterloo, Belgium ("ASSIGNORS"), are citizens of the United States of America, have invented certain new and useful improvements in a Dragline Bucket, Rigging And System for which an application for United States Patent is filed concurrently herewith, and assigned attorney docket number 382; 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.

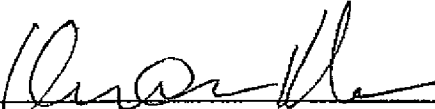
ASSIGNORS hereby warrant to have the full right to convey the entire right, title and interest in and to said invention to ESCO and that no other instrument or assignment has been or will be executed in conflict with this Assignment.

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.

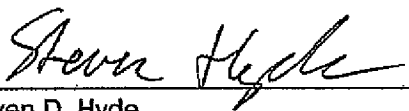
ASSIGNORS further agree to communicate to ESCO any facts known to ASSIGNORS respecting said invention, and to testify in any legal proceeding, to sign all lawful papers, to execute

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.

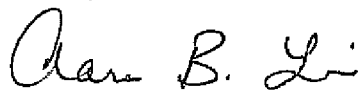
IN WITNESS WHEREOF, we have hereunto set our hand and seal.

  
Kenneth Kubo

January 19, 2009  
Date

  
Steven D. Hyde

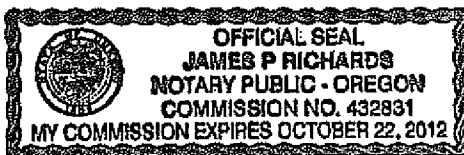
January 19, 2009  
Date

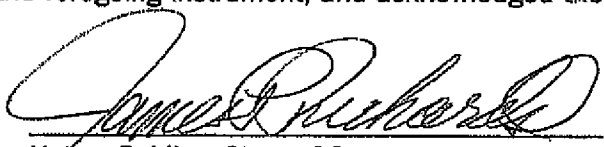
  
Aaron B. Lian

January 19, 2009  
Date

State of Oregon  
County of Multnomah

On this 19<sup>th</sup> day of January 2009, before me a Notary Public in and for the County and State aforesaid, personally appeared Kenneth Kubo, Steven D. Hyde and Aaron B. Lian, to me known to be the persons 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: 12-22-12