

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT4756044

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
OLLIPEKKA JAATINEN	11/28/2017
ADEYINKA ABASS	11/28/2017
JOHANNES GRONROOS	11/28/2017
ATTE LAHTENMAKI	11/28/2017
MATTI PAJULA	11/28/2017
JESSE PARVIAINEN	11/28/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	KONECRANES GLOBAL OY
<b>Street Address:</b>	KONEENKATU 8
<b>City:</b>	HYVINKAA
<b>State/Country:</b>	FINLAND
<b>Postal Code:</b>	05830
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15575575
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(203)222-5299
<i>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.</i>	
<b>Phone:</b>	203 659 0388
<b>Email:</b>	ptomail@gziplaw.com
<b>Correspondent Name:</b>	ZIEGLER IP LAW GROUP, LLC.
<b>Address Line 1:</b>	55 GREENS FARMS ROAD
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<b>ATTORNEY DOCKET NUMBER:</b>	ESP.4168.USN1_31274US-WB
<b>NAME OF SUBMITTER:</b>	GEZA C ZIEGLER JR
<b>SIGNATURE:</b>	/gcz44004/
<b>DATE SIGNED:</b>	12/31/2017
This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 7**

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**COMBINED DECLARATION AND ASSIGNMENT  
FOR A UTILITY OR DESIGN PATENT APPLICATION**

As the below named inventor(s), I/we declare that:

- 1) This declaration and assignment are directed to:

Title of  
Invention **ROPE DRUM SYSTEM**

☐ The specification of which is attached hereto; OR

☒ United States application or PCT international application number:

**PCT/FI2016/050333** filed on **18 May 2016**

☐ As amended on \_\_\_\_\_ (if applicable);

*(I/We hereby authorize and request the Company or its designated attorneys, representatives or agents to insert above the title, application number and filing date of the application, or any other information herein, when known.)*

- 2) The above-identified application was made or authorized to be made by me/us.  
3) I/We believe that I/we are the original and/or joint inventors of a claimed invention in the application.  
4) I/We hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five (5) years, or both.  
5) I/We have reviewed and understand the contents of the above-identified application, including the claims, as amended by any amendment referred to above.  
6) I/We acknowledge the continuing duty to disclose to the United States Patent and Trademark Office all information known to us to be material to patentability of this application, as defined in Title 37, Code of Federal Regulations, Section 1.56, including, for continuation-in-part applications, material information which becomes available between the filing date of the prior application and the filing date of the continuation-in-part application.

**Authorization To Permit Access To Application by Participating Office**

☒ If checked, the undersigned hereby grants the USPTO authority to provide the European Patent Office (EPO), the Japan Patent Office (JPO), the Korean Intellectual Property Office (KIPO), the World Intellectual Property Office (WIPO), and any other intellectual property offices in which a foreign application claiming priority to the above-identified patent application is filed access to the above-identified patent application. See 37 CFR 1.14(c) and (h). This box should not be checked if the applicant does not wish the EPO, JPO, KIPO, WIPO, or other intellectual property office in which a foreign application claiming priority to the above-identified patent application is filed to have access to the above-identified patent application. In accordance with 37 CFR 1.14(h)(3), access will be provided to a copy of the above-identified patent application with respect to: 1) the above-identified patent application-as-filed; 2) any foreign application to which the above-identified patent application claims priority under 35 U.S.C. 119(a)-(d) if a copy of the foreign application that satisfies the certified copy requirement of 37 CFR 1.55 has been filed in the above-identified patent application; and 3) any U.S. application-as-filed from which benefit is sought in the above-identified patent application. In accordance with 37 CFR 1.14(e), access may be provided to information concerning the date of filing the Authorization to Permit Access to Application by Participating Offices.

Country	Type of Filing	Application Number	Filing Date	Title
WO	PCT	PCT/FI2016/050333	18 May 2016	ROPE DRUM SYSTEM
FI		20155369	20 May 2015	

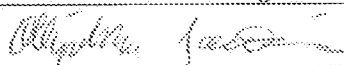
(We hereby authorize and request the Company or its delegated attorneys, representatives or agents to insert above the relevant application number, filing date and other information required herein, when known.)

and any and all applications for patent or patents therefrom in any and all countries, including all divisions, continuations, and continuations-in-part, reexaminations, reissues and renewals thereof, and all benefits, rights of priority resulting from the filing of the application(s), and any and all Letters Patent of the United States, and countries foreign thereto, which may be granted or have granted for the Invention, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States and countries foreign thereto, unto the Company;

and I/we hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Letters Patent which may issue for the Invention to the Company, as assignee of the whole right, title and interest thereto;

and I/we further agree to, without any further consideration, communicate to the Company or its representatives or nominees any facts known to me/us respecting the Invention and improvements and testify in any legal proceeding, make all rightful oaths, sign and execute all necessary and lawful future documents required or requested for the making and prosecution of any applications of any type for patent, utility model, or other similar rights in all countries including but not limited to, any provisional, non-provisional, continuation, continuation-in-part, divisional, renewal or substitute thereof, for any derivation proceedings relating thereto, and, as to any patents that issue from such applications, for any supplemental examination, derivation proceeding, opposition, post grant review, reissue, re-examination, inter partes review, or extension thereof, and generally do everything possible to aid the Company, its successors, assigns and nominees, to obtain and enforce proper patent protection for the Invention and its improvements in all countries.

*Inventor(s) Signature(s)*

Name	Signature	Date
Ollipekka JAATINEN		28 Nov. 2017
Adeyinka ABASS		
Johannes GRÖNROOS		
Atte LÄHTEENMÄKI		
Matti PAJULA		
Jesse PARVIAINEN		

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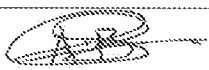
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*Inventor(s) Signature(s)*

Name	Signature	Date
Ollipckka JAATINEN		
Adeyinka ABASS		NOVEMBER 28, 2017
Johannes GRÖNROOS		
Atte LÄHTEENMÄKI		
Matti PAJULA		
Jesse PARVIAINEN		

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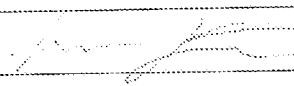
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Name	Signature	Date
Ollipckka JAATINEN		
Adeyinka ABASS		
Johannes GRÖNROOS		11.28.2017
Atte LÄHTEENMÄKI		
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Jesse PARVIAINEN		

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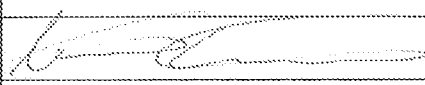
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Name	Signature	Date
Ollipekka JAATINEN		
Adeyinka ABASS		
Johannes GRÖNROOS		
Atte LÄHTEENMÄKI		Nov 28, 2017
Matti PAJULA		
Jesse PARVIAINEN		

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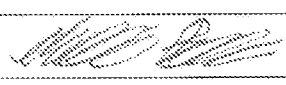
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Johannes GRÖNROOS		
Atte LÄHTEENMÄKI		
Matti PAJULA		11-28-2017
Jesse PARVIAINEN		

herein referred to as the "Company", its successors and assigns, my entire rights, titles and interests in and to the Invention and improvements made or conceived by me/us described the application(s) listed above and in the following table:

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