505066263 08/28/2018

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
LARS GRÖNVALL	06/05/2018

RECEIVING PARTY DATA

Name:	METSO SWEDEN AB.
Street Address:	P.O. BOX 132
City:	TRELLEBORG
State/Country:	SWEDEN
Postal Code:	231 22

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	16062325	

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ATTORNEY DOCKET NUMBER:	5002-00052
NAME OF SUBMITTER:	JOSEPH D. KUBORN
SIGNATURE:	/Joseph D. Kuborn/
DATE SIGNED:	08/28/2018

Total Attachments: 2

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PATENT 505066263 REEL: 046720 FRAME: 0242

ASSIGNMENT

Attorney Docket No. 5002-00052

Inventors:

Lars Grönvall

Title:

HYDROCYCLONE SEPARATOR

WHEREAS, I, Lars Grönvall, of Ängsnyckelvägen 11, Trelleborg, Sweden, , 231 31, have invented certain new and useful improvements as described in an application entitled Hydrocyclone Separator for Letters Patent of the United States, the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Application No. 16/062,325 filed June 14, 2018; and

WHEREAS, Metso Sweden AB., a corporation organized and existing under the laws of Sweden, and having offices at P.O. Box 132, Trelleborg, Sweden, 231 22, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for goods and valuable consideration, the receipt and adequacy of which is hereby acknowledged, II transfer to Assignee, its successors and assigns, our entire right, title and interest in and to the invention, the above-identified application, corresponding domestic and foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and I authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

I authorize the Assignce, its successors and assigns, to insert in this instrument the filing date and serial number of the application when ascertained.

I authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

I represent to the Assignee, it successors and assigns, that I have not and shall not execute any writing or do any act whatsoever conflicting with the Assignment. I, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

Inventor: C

Lars Grönvall

Date: June 6, 2018

Witnessed by:	Do Diwelled_	Date:	Mune	6, 2018
• •	Signature			
	Eva Gonemark			
Witnessed by:	Printed Name of Witness			
	Hasika Flick	Date:	Thus	5,2018
	Signature			
	Harita Flinck			
	Printed Name of Witness			
aparatus:				

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Attorney Docket No. 5002-00052