PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT7652106

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	MERGER
EFFECTIVE DATE:	01/01/2021

CONVEYING PARTY DATA

Name	Execution Date
METSO MINERALS INDUSTRIES INC.	01/01/2021

RECEIVING PARTY DATA

Name:	METSO OUTOTEC USA INC.
Street Address:	20965 CROSSROADS CIRCLE
City:	WAUKESHA
State/Country:	WISCONSIN
Postal Code:	53186

PROPERTY NUMBERS Total: 22

Property Type	Number
Application Number:	11318890
Application Number:	11562526
Application Number:	12700877
Application Number:	12722523
Application Number:	13178701
Application Number:	13451895
Application Number:	13451909
Application Number:	13451915
Application Number:	13451875
Application Number:	13469169
Application Number:	13915167
Application Number:	13955217
Application Number:	14154230
Application Number:	14164635
Application Number:	14297749
Application Number:	15753795
Application Number:	15829297
Application Number:	15829279
Application Number:	16048883

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507605215

Property Type	Number
Application Number:	16916314
Application Number:	12362669
Application Number:	12560019

CORRESPONDENCE DATA

Fax Number: (703)739-2815

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.

Email: iprecordals@clarivate.com
Correspondent Name: CPA GLOBAL LIMITED
Address Line 1: LIBERATION HOUSE

Address Line 2: CASTLE STREET

Address Line 4: ST HELIER, JERSEY JE1 1BL

NAME OF SUBMITTER:	HELEN BIRRELL
SIGNATURE:	/IPR/JR/MetsoOutotecOy(M)IPR2021/MG22PT/
DATE SIGNED:	11/17/2022

Total Attachments: 3

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I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF
DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT
COPY OF THE CERTIFICATE OF OWNERSHIP, WHICH MERGES:

"METSO MINERALS INDUSTRIES, INC.", A DELAWARE CORPORATION,
WITH AND INTO "METSO OUTOTEC USA INC." UNDER THE NAME OF
"METSO OUTOTEC USA INC.", A CORPORATION ORGANIZED AND EXISTING
UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED
IN THIS OFFICE ON THE NINETEENTH DAY OF NOVEMBER, A.D. 2020, AT
3:28 O'CLOCK P.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF

THE AFORESAID CERTIFICATE OF OWNERSHIP IS THE FIRST DAY OF

JANUARY, A.D. 2021 AT 12 O'CLOCK A.M.

Authentication: 204157774

Date: 11-24-20

7970353 8100M SR# 20208449457

You may verify this certificate online at corp.delaware.gov/authver.shtml

PATENT REEL: 061817 FRAME: 0434

CERTIFICATE OF OWNERSHIP

State of Delaware
Secretary of State
Division of Corporations
Delivered 03:28 PM 11/19/2020
FILED 03:28 PM 11/19/2020
SR 20208449457 - File Number 7970353

MERGING

METSO MINERALS INDUSTRIES, INC.

INTO

METSO OUTOTEC USA INC.

(Subsidiary into parent pursuant to Section 253 of the General Corporation Law of Delaware)

METSO OUTOTEC USA INC., a Corporation incorporated on the 15th day of May 2020, pursuant to the provisions of the General Corporation Law of the State of Delaware;

DOES HEREBY CERTIFY:

FIRST: That this corporation owns all of the capital stock of METSO MINERALS INDUSTRIES, INC., a corporation incorporated on the 23rd day of November, 1987, pursuant to the provisions of the General Corporation Law of the State of Delaware and that this corporation, by a resolution of its Board of Directors duly adopted by unanimous written consent of its Board of Directors on November 18, 2020, filed with the minutes of the company, determined to and agreed to merge into itself said METSO MINERALS INDUSTRIES, INC., which resolution is in the following words to wit:

WHEREAS this corporation lawfully owns all of the outstanding stock of METSO MINERALS INDUSTRIES, INC., a corporation organized and existing under the laws of the State of Delaware, and

WHEREAS this corporation desires to merge into itself the said METSO MINERALS INDUSTRIES, INC., and to be possessed of all the estate, property, rights, privileges and franchises of said corporation,

NOW, THEREFORE, BE IT RESOLVED, that this corporation merge into itself said METSO MINERALS INDUSTRIES, INC. and assumes all of its liabilities and obligations, and

FURTHER RESOLVED, that an authorized officer of this corporation be and he or she is hereby directed to make and execute a Certificate of Ownership setting forth a copy of the resolution to merge said METSO MINERALS INDUSTRIES, INC., and assume its liabilities

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PATENT REEL: 061817 FRAME: 0435 and obligations, and the date of adoption thereof, and to file the same in the office of the Secretary of State of Delaware,

FURTHER RESOLVED, that said merger is to be effective on January 1, 2021 at 12:00 AM.

FURTHER RESOLVED, that the officers of this Corporation be, and they hereby are authorized and directed to do all acts and things whatsoever, whether within or without the State of Delaware; which may be in any way necessary or proper to effect said merger.

IN WITNESS WHEREOF, said METSO OUTOTEC USA INC. has caused its corporate seal to be affixed and this Certificate of Ownership to be signed by an authorized officer this 19th day of November 2020.

Name: Robert M. Wissing

Title: President

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RECORDED: 11/17/2022