505647461 08/29/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:		NEW ASSIGNMENT	NEW ASSIGNMENT		
NATURE OF CONVEYANCE:		ASSIGNMENT			
CONVEYING PARTY	ΔΑΤΑ				
		Name	Execution Date		
ANDREW SHERLIKEF	BAMBER		06/17/2013		
NICHOLAS BARCZA			06/26/2013		
ANDREW CSINGER			06/12/2013		
RECEIVING PARTY D	ΑΤΑ				
Name:	MINESE	MINESENSE TECHNOLOGIES LTD.			
Street Address:	8365 ON	8365 ONTARIO ST. #100			
City:	VANCOL	VANCOUVER			
State/Country:	CANADA	CANADA			
Postal Code:	V5X 3E8	V5X 3E8			
Application Number:	1	6287596			
	2) be sent to t	206)359-9000 the e-mail address first; if that is unsuc if that is unsuccessful, it will be sent v			
		06 359 8000			
		atentprocurement@perkinscoie.com			
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•		HRISTOPHER DALEY-WATSON			
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Address Line 1: Address Line 4:	P S	.O. BOX 1247			
Address Line 1:	P S IUMBER:	.O. BOX 1247 EATTLE, WASHINGTON 98111-1247			
Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER	P S IUMBER:	.O. BOX 1247 EATTLE, WASHINGTON 98111-1247 080883-8002.US03			
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Address Line 1: Address Line 4: ATTORNEY DOCKET N NAME OF SUBMITTER SIGNATURE: DATE SIGNED: Total Attachments: 6 source=2019-8-29_Assig	P S IUMBER: :	.O. BOX 1247 EATTLE, WASHINGTON 98111-1247 080883-8002.US03 JAYME JONES /Jayme Jones/ 08/29/2019			
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ASSIGNMENT BY INVENTORS

This Assignment is by the following individuals (the "Assignors"):

- Andrew Sherliker Bamber having a mailing address of 122 1857 West 4th Avenue, Vancouver, British Columbia V6J1M4, CANADA;
- Nicholas Barcza having a mailing address of 122 1857 West 4th Avenue, Vancouver, British Columbia V6J1M4, CANADA;
- Andrew Csinger having a mailing address of 122 1857 West 4th Avenue, Vancouver, British Columbia V6J1M4, CANADA.

The Assignors invented one or more certain inventions (the "Invention(s)") described in one or more of the following applications ("Applications"):

- a provisional application for the United States titled METHOD FOR CLASSIFYING LATERITE TYPE MINERAL ORES THROUGH ELECTROMAGNETIC SENSING AND SORTING naming the Assignors as inventors, and filed on May 1, 2012 as U.S. Application No. 61/640,749;
- an application for Letters Patent of the United States titled SORTING MATERIALS USING PATTERN RECOGNITION, SUCH AS UPGRADING NICKEL LATERITE ORES THROUGH ELECTROMAGNETIC SENSOR-BASED METHODS, naming the Assignors as inventors, and filed on March 14, 2013 as U.S. Application No. 13/830,453;
- an international application titled SORTING MATERIALS USING PATTERN RECOGNITION, SUCH AS UPGRADING NICKEL LATERITE ORES THROUGH ELECTROMAGNETIC SENSOR-BASED METHODS, naming the Assignors as inventors, and filed on April 30, 2013 as PCT Application No. PCT/CA13/50330;

MineSense Technologies Ltd., a company of Canada having its principal place of business at 122 - 1857 West 4th Avenue, Vancouver, British Columbia V6J1M4, CANADA (the "Assignee"), desire to acquire the entire right, title and interest in and to the Invention(s) and the Applications, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignors acknowledge and with respect to any and all rights, title, and interests in and to the

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Inventions, the Applications, and any Patents, each of the Assignors may hold, Assignors do hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Applications, and any Patents; any divisions, continuations, and continuations-inpart of the Applications and any other application claiming priority rights from the Applications; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Applications (collectively, the "Rights"). Assignors warrant that Assignors own the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deem necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

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For MineSense Technologies Ltd.: Date: 176/2013	Signature _	MR do
		Authorized Signer ANIORGU S- BOMBOR
		Authorized Signer – Printed Name
	·	650

Authorized Signer - Title

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Ser 12013 Date: 176 Signature Andrew Sherliker Bamber bea 17/06/2013 Date: Witness Signature

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TABEA WEIHMANN Witness Printed Name

PATENT REEL: 050214 FRAME: 0838

Date: June 26 2013 Signature Nicholas Barcza

Date:

Witness Signature

Witness Printed Name

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PATENT REEL: 050214 FRAME: 0839

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Date: 12 June 2013

Signature

Andrew Csinger

Date: 12 JUNE 2013

ll Witness Signature

SUSAN RATH Witness Printed Name

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RECORDED: 08/29/2019