PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
THOMAS FENDERSON	12/19/2017
LASSE KYLLÖNEN	03/02/2018
FRANCES FOURNIER	12/14/2017
SUKHJIT AUJLA	03/21/2018

RECEIVING PARTY DATA

Name:	KEMIRA OYJ
Street Address:	ENERGIAKATU 4
City:	HELSINKI
State/Country:	FINLAND
Postal Code:	00180

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16345748

CORRESPONDENCE DATA

Fax Number:

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: email@berggren-usa.com

Correspondent Name: BERGGREN LLP

Address Line 1: ONE GATEWAY CENTER

Address Line 2: SUITE 2600

Address Line 4: NEWARK, NEW JERSEY 07102

ATTORNEY DOCKET NUMBER:	PI100668
NAME OF SUBMITTER:	EREN SUMER
SIGNATURE:	/Eren Sumer/
DATE SIGNED:	05/10/2019

Total Attachments: 4

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PATENT APPLICATION / WORLDWIDE

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ASSIGNMENT

In consideration of the sum of one dollar and other good and valuable consideration, the receipt and sufficiency of which is acknowledged, we, the undersigned, whose names, nationalities and addresses are set out below:

Name: FENDERSON, Thomas

Nationality: US

Address: 2104 Clairmont Rd., Decatur, GA 30033, USA

Name: KYLLÖNEN, Lasse

Nationality: FI

Address: Lehtitie 33b, FI-02730 Espoo, Finland

Name: FOURNIER, Frances

Nationality: US

Address: 132 Grand Oaks Gin, Marietta, GA 30064, USA

Name: AUILA, Sukhjit

Nationality: GB

Address: 42 Lakeside Cove, The Woodlands, 77380 Texas, USA

do hereby sell or have sold, assign or have assigned, and transfer or have transferred unto KEMIRA OYJ, hereinafter called the Assignee, whose full postal address is Porkkalankatu 3, PI-00180 Helsinki, Finland, and to the Assignee's successors, assigns, nominees or other legal representatives, our entire right, title, interest, property and benefit for Canada, the United States of America and all other countries worldwide, in and to our invention relating to

METHOD AND COMPOSITION FOR TREATING TAILINGS

as fully set forth and described in an International Application No. PCT/Fl2017/050866 filed on 7 December 2017,

together with our entire right, title, interest, property and benefit for Canada, the United States of America and all other countries worldwide, in and to the aforementioned application, any foreign applications corresponding thereto and any Letters Patent which may issue for the invention from such applications, including all divisions, continuations, continuations-in-part, re-examinations, reissues and extensions, and any rights of priority resulting from the filing of the above-identified application under international conventions, treaties or otherwise, the same to be held and enjoyed as fully and exclusively as they would have been by us had this sale, assignment and transfer not been made:

We hereby authorize any official whose duty it is to grant patents, to grant any Letters Patent for the invention to the Assignee, and to its successors, assigns, nominees or other legal representatives;

We hereby covenant and agree, for ourselves and for our beirs, executors and administrators, to do all such things and to execute and deliver without further consideration such

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further assurances, applications, instruments, assignments and other documents as may reasonably be required by the Assignee to obtain Letters Patent in Canada, the United States of America and all other countries worldwide, for the invention, and vest or secure the same in the Assignee;

In witness whereof, we have hereunto signed our names on the day and year set forth below.

Date of assignment: 7 December 2017

Executed on 12/19/2017	(date), City/Country Allank, GA, USA			
Thomas FENDER:	SON CONTRACTOR OF THE PROPERTY			
Signature of Witness:	Echnology Cit, FHIONA GA JOSUS W			
3.				
Executed on	(date), City/Country			
Lasse KYLLÖNE	······································			
Signature of Witness: Name of Witness: Address of Witness:				

	(date), City/Country <u>RANGELLAGA</u> USA			
Frances FOURNI	MANAGER STATE OF THE STATE OF T			
Signature of Witness: 1/1 ac Name of Witness: Wac S Address of Witness: 11375	BUSTALL CAL STALLE BOXECXACL, ITANA CEECT, GA 30022			

Executed on	(date), City/Country			
Sukhjit AUILA				
Signature of Witness:				
Address of Witness:				

further assurances, applications, instruments, assignments and other documents as may reasonably be required by the Assignee to obtain Letters Patent in Canada, the United States of America and all other countries worldwide, for the invention, and vest or secure the same in the Assignee;

In witness whereof, we have hereunto signed our names on the day and year set forth

below. Date of assignment: 7 December 2017 *** Executed on ______(date), City/Country _____ Thomas FENDERSON Signature of Witness: Name of Witness: Address of Witness: ******* Executed on 7.37079 (date), City/Country Finland Z Lasse KYLLÖNEN Signature of Witness:

Name of Witness:

Address of Witness:

H/sn>4, Fn Land ****** Executed on _____ (date), City/Country ____ Frances FOURNIER Signature of Witness: Name of Witness: Address of Witness: ***** Executed on _____(date), City/Country Sukhjit AUJLA Signature of Witness:

Name of Witness: ______Address of Witness: _____

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further assurances, applications, instruments, assignments and other documents as may reasonably be required by the Assignee to obtain Letters Patent in Canada, the United States of America and all other countries worldwide, for the invention, and vest or secure the same in the Assignee;

In witness whereof, we have hereunto signed our names on the day and year set forth below. Date of assignment: 7 December 2017 **** Executed on ______(date), City/Country _____ Thomas FENDERSON Signature of Witness: Name of Witness: Address of Witness: *** Executed on _____(date), City/Country _____ Lasse KYLLÖNEN Signature of Witness: Name of Witness: Address of Witness: **** Executed on ______(date), City/Country _____ Frances FOURNIER Signature of Witness: Name of Witness: Address of Witness: ***** Executed on The Novel, Zolk (date), City/Country Houston, USA Signature of Witness: 42 1/2
Name of Witness: 42 Thomas
Address of Witness: 2050 W Sam Houston ?kwy 5 4408

HONTY TONZ

PATENT REEL: 049134 FRAME: 0657

RECORDED: 05/10/2019