

PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT7298526

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
THE UNIVERSITY OF BRITISH COLUMBIA	02/22/2022
RECEIVING PARTY DATA	
Name:	JETTI RESOURCES, LLC
Street Address:	2010 8TH STREET
City:	BOULDER
State/Country:	COLORADO
Postal Code:	80302
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16743949
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Phone:	(650) 327-3400
Email:	phillips@bozpat.com
Correspondent Name:	BOZICEVIC, FIELD & FRANCIS LLP
Address Line 1:	201 REDWOOD SHORES PKWY
Address Line 2:	SUITE 200
Address Line 4:	REDWOOD CITY, CALIFORNIA 94065
ATTORNEY DOCKET NUMBER:	SMAR-086DIV3
NAME OF SUBMITTER:	RUDY J. NG
SIGNATURE:	/Rudy J. Ng, Reg. No. 56,741/
DATE SIGNED:	04/26/2022
Total Attachments: 11	
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ASSIGNMENT OF PATENT RIGHTS – PCT 1

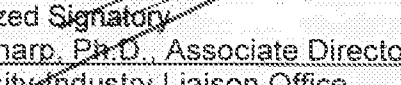
For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, the University of British Columbia, a corporation continued under the University Act of British Columbia with offices at #103-6190 Agronomy Road, Vancouver, British Columbia, Canada V6T 1Z3, ("**Assignor**"), hereby confirms that it has irrevocably sold, assigned and transferred unto Jetti Resources, LLC, a Delaware limited liability company, with offices at 2010 8th Street, Boulder, CO 80302 (hereinafter referred to as "**Assignee**"), pursuant to an agreement dated February 22, 2022 (i) the Assignor's entire right, title and interest throughout the world in and to the patents and patent applications set forth in Appendix "1" (the "**Patents**"), including the inventions disclosed therein, and also including all rights for the United States of America and all other countries, including all rights of priority under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Convention, and other treaties of like purposes, and all rights and benefits under any applicable treaty or convention, and in all letters patent of the United States and all other countries including without limitation utility models and designs which may or shall be granted on said Patents, or any parts thereof, including any divisional, continuation, continuation-in-part, reissue, and re-examinations; (ii) any and all royalties, fees, income, payments, and other proceeds now or hereafter due or payable with respect to any and all of the Patents; (iii) any and all claims and causes of action with respect to any of the Patents, whether accruing before, on, or after the date hereof, including all rights to and claims for damages, restitution, and injunctive and other legal and equitable relief for past, present, and future infringement, dilution, misappropriation, violation, misuse, breach, or default, with the right but no obligation to sue for such legal and equitable relief and to collect, or otherwise recover, any such damages; (iv) any other rights of any kind whatsoever that Assignor may have in respect of the Patents as provided by applicable law of any jurisdiction, by international treaties and conventions, and otherwise throughout the world.

[Remainder of page intentionally left blank. Signature pages follow.]

The parties have executed this Agreement effective as of February 22, 2022:

SIGNED FOR AND ON BEHALF OF

THE UNIVERSITY OF BRITISH COLUMBIA
by its authorized signatory:




Authorized Signatory
Brett Sharp, Ph.D., Associate Director Technology Transfer
University-Industry Liaison Office

PROVINCE OF BRITISH COLUMBIA)
)
CITY OF VANCOUVER)

I, MATTHEW MURRAY, a Notary Public in and for the Province of British Columbia, Canada, do hereby certify that Brett Sharp personally appeared and signed this document before me this day and, being by me first duly sworn, stated that s/he is duly authorized by THE UNIVERSITY OF BRITISH COLUMBIA to execute this document as a duly authorized act of such company.

WITNESS my hand and notarial seal, this 23rd of March, 2022.

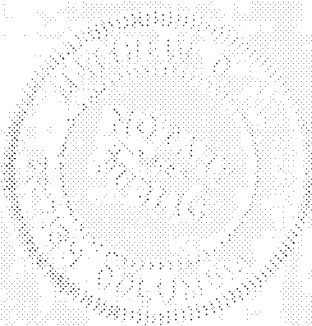


Signature of Notary Public

My Commission does not expire.

MATTHEW D. MURRAY
Barrister & Solicitor
Industry Sponsored Research
The University of British Columbia

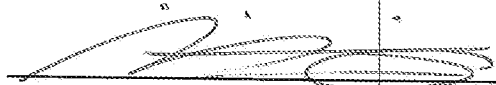
A Notary in and for the Province of British Columbia
#103 - 6190 Agronomy Road,
Vancouver, BC V6T 1Z3
Telephone: 604-822-8167
Fax: 604-822-8589



[Signature page to Assignment of Patent Rights.]

SIGNED FOR AND ON BEHALF OF

Jetti Resources, LLC
by its authorized signatory:



Authorized Signatory
Michael K. Outwin, Chief Executive Officer

STATE OF COLORADO)
)
COUNTY OF BOULDER)

I, Aleksandra Puhalo, a Notary Public of the County of Boulder, of the State of Colorado, do hereby certify that Michael K. Outwin personally appeared and signed this document before me this day and, being by me first duly sworn, stated that s/he is duly authorized by Jetti Resources, LLC to execute this document as a duly authorized act of such company.

WITNESS my hand and notarial seal, this 10th of March, 2022.



Signature of Notary Public

My Commission Expires: 07/01/2025

ALEKSANDRA PUHALO
NOTARY PUBLIC
STATE OF COLORADO
NOTARY ID 20214026715
MY COMMISSION EXPIRES 07/01/2025

[Signature page to Assignment of Patent Rights.]

Appendix "1"

Patents

App. No. Filing Date (Pub. No.) Issue No.	Case Type	Country	Title	Status
PCT/CA2016/050444				
62/149,015 17 Apr 2015	Provisional	United States	PROCESS FOR LEACHING CHALCOPYRITE WITH THIOUREA	CONVERTED TO PCT
PCT/CA2016/050444 15 Apr 2016 (WO 2016/165027)	PCT	PCT	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	NATIONAL ENTRY APPLICATIONS FILED
P160101055 18 Apr 2016 AR 104304 AR104304B1	Direct Filing (not through PCT)	Argentina	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 30 November 2020
AP/P/2017/010264 20 October 2017	National Entry	ARIPO	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	GRANTED
AU 2016250309 Filed 27 Sept 2017 Pat. No. 2016250309	National Entry	Australia	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 23 May 2019

AU 2018247307 12 Oct 2018 Pat. No. 2018247307	Divisional from National Entry	Australia	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 28 May 2020
AU 2020200918 7 Feb 2020	Divisional from AU 2018247307	Australia	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ACCEPTED
AU 2021204246 23 June 2021	Divisional from AU 2020200918	Australia	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	FILED
BR 11 2017 022091 1 01 Nov 2017 Pat No. BR 11 2017 022091 1	National Entry	Brazil	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 31 August 2021
CA 2973612 12 Jul 2017 Pat. No. 2973612	National Entry	Canada	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 15 January 2019
CL 2017-0002632 17 Oct 2017 Pat. No. 58644	National Entry	Chile	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 28 February 2020

CL 2019-2080 25 Jul 2019	Divisional from National Entry	Chile	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	FILED
CL 2020-0013 3 Jan 2020	Divisional from 2019-2080	Chile	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	FILED
201680022436.8 17 Oct 2017 (Pub. CN107532229) Pat. ZL201680022436.8	National Entry	China	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 8 October 2021
202010406265.7 14 May 2020 (Pub. CN111850294)	Divisional from National Entry	China	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	FILED
IEPI-2017-68938 17 Oct 2017	National Entry	Ecuador	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ABANDONED
201792285 14 Nov 2017	National Entry	EURASIA	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	FILED

EP 16779376.9 17 Nov 2017 (Pub. EP3283661)	National Entry	Europe	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	FILED
P00201707140 16 Oct 2017	National Entry	Indonesia	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ABANDONED
2017-555583 17 Oct 2017 Pat. No. 6431213	National Entry	Japan	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 9 November 2018
2018-206496 1 Nov 2018 Pat. No. 6801888	Divisional from National Entry	Japan	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 30 November 2020
2020-102585 12 Jun 2020 (Pub. JP 2020153018)	Divisional from 2018- 206496	Japan	USE OF REAGENT FOR EXTRACTING BASE METAL ION FROM BASE METAL SULFIDE AND METHOD OF RECOVERING BASE METAL ION FROM BASE METAL SULFIDE	ALLOWED
557 26 Oct 2017	National Entry	Laos	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ABANDONED

MX/a/2017/013312 16 Oct 2017 (Pub. MX 2017013312A) 373981	National Entry	Mexico	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 13 July 2020
MX/a/2020/006857 26 Jun 2020	Divisional from National Entry	Mexico	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	FILED
10-2017-0006166 14 Nov 2017 Pat. No. 10-0004745	National Entry	Mongolia	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 3 July 2019
91815 13 Oct 2017	National Entry	Panama	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ABANDONED
PG/P/2018/0002 7 Nov 2017	National Entry	Papua New Guinea	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	PENDING
1988-2017 6 Oct 2017 (Pub. PE 20180472) Pat. No. 10509	National Entry	Peru	METHODS OF RECOVERING AT LEAST ONE BASE METAL FROM AT LEAST ONE BASE METAL SULFIDE IN A MATERIAL WITH A REAGENT HAVING A THIOCARBONYL FUNCTIONAL GROUP OF A FORMAMIDINE DISULFIDE	ISSUED 14 February 2020

627-2020 29 May 2020	Divisional from National Entry	Peru	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	FILED
1-2017-501886 18 Oct 2017 (PH12017501886)	National Entry	Philippines	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ABANDONED
15/566,684 13 Oct 2017 (US-2018-0135148- A1) U.S. Pat. 10,961,604	National Entry	United States	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 30 March 2021
16/743,635 15 Jan 2020 (US-2020-0149131- A1) U.S. Pat. 10,954,583	Divisional from National Entry	United States	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 23 March 2021
16/743,675 15 Jan 2020 (US-2020-0181731- A1) U.S. Pat. 10,865,460	Divisional from National Entry	United States	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 15 December 2020
16/743,949 15 Jan 2020 (US-2020-0181732- A1) Pat. No. 10,870,903	Divisional from National Entry	United States	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 22 December 2020
16/743,982 15 Jan 2020 (US-2020-0181733- A1) Pat. No. 10,876,186	Divisional from National Entry	United States	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 29 December 2020

16/744,012 15 Jan 2020 (US-2020-0181734-A1) Pat. No. 10,876,187	Divisional from National Entry	United States	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 29 December 2020
16/744,041 15 Jan 2020 (US-2020-0149132-A1) Pat. No. 10,781,502	Divisional from National Entry	United States	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ISSUED 22 September 2020
16/744,831 16 Jan 2020 (US-2020-0181735-A1)	Continuation from National Entry	United States	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	FILED
16/748,553 21 Jan 2020 (US-2020-0181736-A1)	Continuation from National Entry	United States	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	FILED
16/748,557 21 Jan 2020 (US-2020-0181737-A1)	Continuation from National Entry	United States	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	FILED
17/140,943 4 Jan 2021 (US-2021-0198767-A1)	Continuation from National Entry	United States	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	FILED
IAP-20170490 14 Nov 2017	National Entry	Uzbekistan	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	ABANDONED

1-2017-04560 15 Nov 2017	National Entry	Vietnam	PROCESS FOR LEACHING METAL SULFIDES WITH REAGENTS HAVING THIOCARBONYL FUNCTIONAL GROUPS	FILED
And including all international counterparts, PCT applications, national stage filings, divisionals, continuations, continuations-in-part, reissues, and reexaminations.				