505804020 12/04/2019

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SIMON YUAN	11/28/2019
JAMES LORENTZ	11/06/2019
RON SIMAN	11/16/2019

RECEIVING PARTY DATA

Name:	SYNCRUDE CANADA LTD. in trust for the owners of the Syncrude Project as such owners exist now and in the future	
Street Address:	9911 MacDonald Avenue	
City:	Fort McMurray	
State/Country:	CANADA	
Postal Code:	T9H 1S7	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16664362

CORRESPONDENCE DATA

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using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

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ATTORNEY DOCKET NUMBER:	53707-703	
NAME OF SUBMITTER:	IRENE T. BRIDGER	
SIGNATURE:	/Irene T. Bridger/	
DATE SIGNED:	12/04/2019	

Total Attachments: 4

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> PATENT REEL: 051182 FRAME: 0228

ASSIGNMENT

This confirms that as at the date of invention and in consideration of One Dollar and other good and valuable consideration, of which I/we acknowledge receipt,

I/we, (hereinafter "Assignor")

- (1) SIMON YUAN whose full post office address is 8435 Sloane Crescent NW, Edmonton, Alberta, T6R 0L3, Canada;
- (2) **JAMES LORENTZ** whose full post office address is 120 Bourque Bay, Fort McMurray, Alberta, T9K 1V2, Canada; and
- (3) RON SIMAN whose full post office address is 11403 167A Avenue, Edmonton, Alberta, T5X 0A7, Canada

sell and assign to SYNCRUDE CANADA LTD. (hereinafter "Assignee") a company incorporated under the laws of Alberta, having a place of business at 9911 MacDonald Avenue, Fort McMurray, Alberta, T9H 1S7, Canada, in trust for the owners of the Syncrude Project as such owners exist now and in the future, all our right, title and interest in and to the invention entitled

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made by us and as described in the US application known as patent application serial no. 16/664,362, filed October 25, 2019, and in the Canadian application known as patent application serial no. 3,060,229 ____, filed October 25, 2019, and any and all applications for patent and patents for the invention in any and all countries, including all divisions, reissues, continuations and extensions thereof, and all rights of priority resulting from the filing of said patent application and authorize and request any official whose duty it is to issue patents, to issue any patent on said invention to said Assignee or its successors or assigns and agree that on request and without further consideration, but at the expense of said Assignee, we will communicate to said Assignee or its representatives or nominees any facts known to us respecting said invention and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Assignee, its successors, assigns, and nominees to obtain and enforce proper patent protection for said invention in all countries.

The undersigned hereby grants Irene T. Bridger, (U.S. Reg. No. 53,914) of BENNETT JONES LLP, 4500 Bankers Hall East, 855 - 2nd Street SW, Calgary, Alberta, T2P 4K7, Canada power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of any Patent Office, including the United States Patent and Trademark Office, for recordation of this document.

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(1) SIGNED AT <u>Edmenten</u> this <u>28</u> day of <u>November</u> 2019.		
this <u>28</u> day of <u>November</u> 2019.		
24/ng - 5-2-2-1/2-1		
Witness Simon Yuan		
<u>DECLARATION</u>		
I <u>Roguel Kino</u> whose full post office address (Name of Witness)		
is <u>202 - 7 Saddleback RIWN Formenton As T6 J 444</u> 6 (Address of Witness) declare:		
That I was personally present and did see Simon Yuan, the above-noted inventor who is personally known to me to be the person named in the above assignment, duly sign and execute the same.		
Declared at <u>Edmonton</u>		
this 25 day of November 2019.		
Signature of Witness		

(2) SIGNED AT <u>[] [] [] [] [] [</u>
this <u>b</u> day of <u>November</u> 2019.
PAAS Witness James Lorentz
<u>DECLARATION</u>
Name of Witness) whose full post office address
is <u>202 - 7 Saddletack © N</u> W FOlymbon A6 76 J 446 (Address of Witness) declare:
That I was personally present and did see James Lorentz the above-noted inventor who is personally known to me to be the person named in the above assignment, duly sign and execute the same.
Declared at <u>ECYYYYY</u> フィ
this <u>lo</u> day of <u>November</u> 2019.
Signature of Witness

(3) SIGNED AT Edmonton	Alberta
this 16 day of NOVEMBER	2042
//	
Witness	
sami@22	Ron Simap
QEQL	ARATION
· ARROW PETER PHARIA	<u>るかが</u> whose full post office address
(Name of Witness)	
is 12011 510+ Filmonto	16 TSW 362
(Address of Witness) declare:	
That I was personally present and did se is personally known to me to be the pe sign and execute the same.	e Ron Siman the above-noted inventor who reson named in the above assignment, duly
Declared at <u>Edmonfon, All</u>	Sex-42
this <u>/ 6</u> day of <u>NOV/27/1/6/C</u> 2019.	
	1 Cana
	Signature of Witness
	Sec. Description of the Contraction

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