

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT7144121

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
METOXS PTE. LTD	03/26/2021
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	CLEAN RESOURCES PTE. LTD
<b>Street Address:</b>	EON SHENTON, 70 SHENTON WAY, #19-01
<b>City:</b>	SINGAPORE
<b>State/Country:</b>	SINGAPORE
<b>Postal Code:</b>	079118
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	17023111
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(202)772-5858
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<b>Phone:</b>	202 420-2200
<b>Email:</b>	regina.fields@blankrome.com
<b>Correspondent Name:</b>	BLANK ROME LLP
<b>Address Line 1:</b>	1825 EYE STREET, NW
<b>Address Line 4:</b>	WASHINGTON, D.C. 20006
<b>ATTORNEY DOCKET NUMBER:</b>	000259.00167.1
<b>NAME OF SUBMITTER:</b>	MICHAEL C. GREENBAUM
<b>SIGNATURE:</b>	/Michael C. Greenbaum/
<b>DATE SIGNED:</b>	01/27/2022
<b>Total Attachments: 7</b>	
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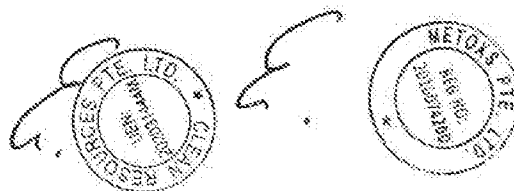
PATENT ASSIGNMENT

THIS PATENT ASSIGNMENT is dated as of March ~~16~~ 2021. For good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, **METOXS PTE. LTD**, a company organized and existing under the laws of Singapore, with a registered address of Eon Shenton, 70 Shenton Way, #19-01, Singapore 079118, (hereinafter referred to as the "ASSIGNOR"), hereby assigns and transfers to **CLEAN RESOURCES PTE. LTD**, a company organized and existing under the laws of Singapore, with a registered address of Eon Shenton, 70 Shenton Way, #19-01, Singapore 079118 and its successors, assigns and legal representatives (hereinafter referred to as the "ASSIGNEE"), all of the right, title and interest of ASSIGNOR, subject to any co-ownership rights existing as of the date hereof, in, to and under the patents and patent applications set out in the attached Schedule A (the "Patents").

This Assignment includes all of ASSIGNOR'S right, title and interest in, to and under the Patents and all divisions, renewals, non-provisionals, continuations and continuations-in-part thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof (including, without limitation, all proceeds thereof and the rights to sue for past, present and future infringements), and all applications for Letters Patent which have been or may hereafter be filed for said Patents in any country or countries foreign to the United States, and all Letters Patent which may be granted for said Patents in any country or countries foreign to the United States hereby authorized, and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to record ASSIGNEE as the owner of all such Patents and to issue all Letters Patent for said Patents to be in the name of the said ASSIGNEE, as assignee of the Patents, for the sole use of ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this Assignment.

This Assignment includes the right to claim priority based on the filing date of the above-mentioned Patents under the International Convention for the Protection of Industrial Property, the Patent Cooperation Treaty, the European Patent Conventions, and all other treaties of like purposes.

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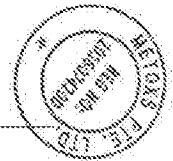
ASSIGNOR hereby covenants and agrees to and with the said ASSIGNEE, that, as of the effective date of this Assignment, the said ASSIGNOR was the sole and lawful owner of the entire right, title and interest in and to the said above-mentioned Patents (subject to any existing co-ownership rights), and that the same were unencumbered and that the said ASSIGNOR had good and full right and lawful authority to sell and convey the same in the manner herein set forth. ASSIGNOR hereby further covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into that would conflict with this Assignment.

ASSIGNOR further covenants for itself and its respective heirs, legal representatives and assigns to provide to ASSIGNEE promptly upon the request of ASSIGNEE and at the expense of ASSIGNEE all pertinent facts and documents relating to said inventions and said patents and legal equivalents as may be known and accessible to ASSIGNOR and promptly to execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue or enforce said inventions, improvements, said above-mentioned Patents and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

ASSIGNOR hereby requests the Commissioner of Patent and Trademarks to issue any Letters Patent or Reissue Patent of said Patents or extension thereof to the said ASSIGNEE.

Signed, sealed and delivered)  
By the Assignor, )

METOXS PTE. LTD

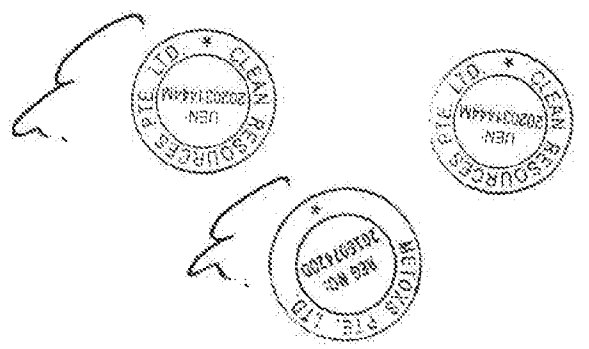


Signed, sealed and delivered)  
By the Assignee, )

CLEAN RESOURCES PTE. LTD

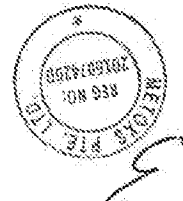


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Witness \_\_\_\_\_



SCHEDULE A

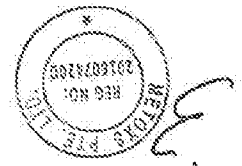
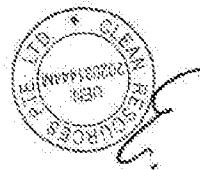
Title	Application Number	Application Date	Country
METHOD OF COPPER CONCENTRATE SULFATION AND LEACHING	16/060,900	06/09/2018	United States - (US)
METHOD OF COPPER CONCENTRATE SULFATION AND LEACHING	2016367522	12/09/2016	Australia - (AU)
METHOD OF COPPER CONCENTRATE SULFATION AND LEACHING	BR1120180114901	12/09/2016	Brazil - (BR)
METHOD OF COPPER CONCENTRATE SULFATION AND LEACHING	3,007,600	12/09/2016	Canada - (CA)
METHOD OF COPPER CONCENTRATE SULFATION AND LEACHING	201680072320.5	12/09/2016	China P.R. - (CN)
METHOD OF COPPER CONCENTRATE SULFATION AND LEACHING	NC2018/0007141	12/09/2016	Colombia - (CO)
METHOD OF COPPER CONCENTRATE SULFATION AND LEACHING	16872528.1	12/09/2016	European Patent Convention - (EP)
METHOD OF COPPER CONCENTRATE SULFATION AND LEACHING	201817024970	12/09/2016	India - (IN)
METHOD OF COPPER CONCENTRATE SULFATION AND LEACHING	PID201804568	12/09/2016	Indonesia - (ID)
METHOD OF COPPER CONCENTRATE SULFATION AND LEACHING	MX/a/2018/007044	12/09/2016	Mexico - (MX)
METHOD OF COPPER CONCENTRATE SULFATION AND LEACHING	1093-2018	12/09/2016	Peru - (PE)
METHOD OF COPPER CONCENTRATE SULFATION AND LEACHING	518391765	12/09/2016	Saudi Arabia - (SA)
SYSTEM FOR GENERATING H <sub>2</sub> S IN AN ALKALINE MEDIUM AND METHOD OF USING THE SAME	16/066,527	06/27/2018	United States - (US)
INDUSTRIAL IMPLEMENTATION OF H <sub>2</sub> S GENERATION IN AN ALKALINE MEDIUM	2016381523	12/23/2016	Australia - (AU)
INDUSTRIAL IMPLEMENTATION OF H <sub>2</sub> S GENERATION IN AN ALKALINE MEDIUM	BR112018012979.8	12/23/2016	Brazil - (BR)
INDUSTRIAL IMPLEMENTATION OF H <sub>2</sub> S GENERATION IN AN ALKALINE MEDIUM	3,009,451	12/23/2016	Canada - (CA)



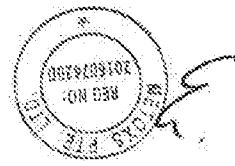
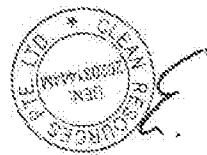
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INDUSTRIAL IMPLEMENTATION OF H2S GENERATION IN AN ALKALINE MEDIUM	2016880076355.6	12/23/2016	China P.R. - (CN)
INDUSTRIAL IMPLEMENTATION OF H2S GENERATION IN AN ALKALINE MEDIUM	NC2018/0007676	12/23/2016	Colombia - (CO)
INDUSTRIAL IMPLEMENTATION OF H2S GENERATION IN AN ALKALINE MEDIUM	16881365.7	12/23/2016	European Patent Convention - (EP)
SYSTEM FOR GENERATING H2S IN AN ALKALINE MEDIUM AND METHOD OF USING THE SAME	201817026109	12/23/2016	India - (IN)
INDUSTRIAL IMPLEMENTATION OF H2S GENERATION IN AN ALKALINE MEDIUM	PID201805466	12/23/2016	Indonesia - (ID)
SYSTEM FOR GENERATING H2S IN AN ALKALINE MEDIUM AND METHOD OF USING THE SAME	MX/a/2018/008181	12/23/2016	Mexico - (MX)
INDUSTRIAL IMPLEMENTATION OF H2S GENERATION IN AN ALKALINE MEDIUM	1196-2018	12/23/2016	Peru - (PE)
INDUSTRIAL IMPLEMENTATION OF H2S GENERATION IN AN ALKALINE MEDIUM	518391900	12/23/2016	Saudi Arabia - (SA)
RECOVERY OF GOLD AND SILVER FROM PRECIOUS METALS-CONTAINING SOLIDS	16/467,885	06/07/2019	United States - (US)
RECOVERY OF GOLD AND SILVER FROM PRECIOUS METALS-CONTAINING SOLIDS	2017371918	08/11/2017	Australia - (AU)
RECOVERY OF GOLD AND SILVER FROM PRECIOUS METALS-CONTAINING SOLIDS	3,046,585	08/11/2017	Canada - (CA)
RECOVERY OF GOLD AND SILVER FROM PRECIOUS METALS-CONTAINING SOLIDS	MX/A/2019/006790	08/11/2017	Mexico - (MX)



Title	Application Number	Application Date	Patent Number	Grant Date	Country
SYSTEM, APPARATUS AND PROCESS FOR LEACHING METAL AND STORING THERMAL ENERGY DURING METAL EXTRACTION	14/847,068	09/08/2015	10,907,238	02/02/2021	United States - (US)
A SYSTEM, APPARATUS, AND PROCESS FOR LEACHING METAL AND STORING THERMAL ENERGY DURING METAL EXTRACTION	PID201702108	09/08/2015			Indonesia - (ID)
A SYSTEM, APPARATUS, AND PROCESS FOR LEACHING METAL AND STORING THERMAL ENERGY DURING METAL EXTRACTION	1-2017-500445	09/08/2015			Philippines - (PH)
A SYSTEM, APPARATUS, AND PROCESS FOR LEACHING METAL AND STORING THERMAL ENERGY DURING METAL EXTRACTION	2015315441	09/08/2015	2015315441	02/11/2021	Australia - (AU)
A SYSTEM, APPARATUS, AND PROCESS FOR LEACHING METAL AND STORING THERMAL ENERGY DURING METAL EXTRACTION	201580060715.9	09/08/2015	ZL201580060715.9	01/19/2021	China P.R. - (CN)
A SYSTEM, APPARATUS, AND PROCESS FOR LEACHING METAL AND STORING THERMAL ENERGY DURING METAL EXTRACTION	1201700089	09/08/2015	18235	04/30/2018	O.A.P.I - (OA)
A SYSTEM, APPARATUS, AND PROCESS FOR LEACHING METAL AND STORING THERMAL ENERGY DURING METAL EXTRACTION	2,961,501	09/08/2015	2,961,501	08/18/2020	Canada - (CA)
A SYSTEM, APPARATUS, AND PROCESS FOR LEACHING METAL AND STORING THERMAL ENERGY DURING METAL EXTRACTION	MX/a/2017/003047	09/08/2015			Mexico - (MX)
A SYSTEM, APPARATUS, AND PROCESS FOR LEACHING METAL AND STORING THERMAL ENERGY DURING METAL EXTRACTION	427-2017/DIN	09/08/2015			Peru - (PE)
OPTIMIZED ORE PROCESSING USING MOLTEN SALTS FOR LEACHING AND THERMAL ENERGY SOURCE	2016318302	06/29/2016	2016318302	03/05/2020	Australia - (AU)
OPTIMIZED ORE PROCESSING USING MOLTEN SALTS FOR LEACHING AND THERMAL ENERGY SOURCE	PID201802462	06/29/2016			Indonesia - (ID)
OPTIMIZED ORE PROCESSING USING MOLTEN SALTS FOR LEACHING AND THERMAL ENERGY SOURCE	354-2018	06/29/2016			Peru - (PE)



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OPTIMIZED ORE PROCESSING USING MOLTEN SALTS FOR LEACHING AND THERMAL ENERGY SOURCE	15,758,655	06/29/2016	United States - (US)
OPTIMIZED ORE PROCESSING USING MOLTEN SALTS FOR LEACHING AND THERMAL ENERGY SOURCE	MX/a/2018/002787	06/29/2018	Mexico - (MX)
OPTIMIZED ORE PROCESSING USING MOLTEN SALTS FOR LEACHING AND THERMAL ENERGY SOURCE	3,013,259	06/29/2016	Canada - (CA)

