

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT7413282

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	SECURITY INTEREST	
CONVEYING PARTY DATA		
Name		Execution Date
MIS IP HOLDINGS, LLC		06/29/2022
RECEIVING PARTY DATA		
Name:	ACP POST OAK CREDIT I LLC	
Street Address:	777 POST OAK BLVD. STE 430	
City:	HOUSTON	
State/Country:	TEXAS	
Postal Code:	77056	
PROPERTY NUMBERS Total: 16		
Property Type	Number	
Patent Number:	9666873	
Patent Number:	10604426	
Patent Number:	10799834	
Patent Number:	11020713	
Application Number:	17003602	
Application Number:	16449951	
Application Number:	16600416	
Application Number:	16685617	
Application Number:	16844787	
Application Number:	16911056	
Application Number:	17132235	
Application Number:	17035119	
Application Number:	17189853	
Application Number:	17332684	
Application Number:	63195474	
Application Number:	63289819	
CORRESPONDENCE DATA		
Fax Number:	(202)887-4288	
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.		

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ATTORNEY DOCKET NUMBER:	103642.0003
NAME OF SUBMITTER:	MUSSIE B BEYENE
SIGNATURE:	/Mussie B Beyene/
DATE SIGNED:	06/30/2022

Total Attachments: 6

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GRANT OF SECURITY INTEREST
IN UNITED STATES PATENTS

This GRANT OF SECURITY INTEREST IN UNITED STATES PATENTS (“Agreement”), dated as of June 29, 2022 is made by MIS IP HOLDINGS, LLC, a Delaware limited liability company (the “Grantor”), in favor of ACP POST OAK CREDIT I LLC, as Collateral Agent (the “Agent”), for the benefit of the Purchasers (as defined in the Guaranty and Collateral Agreement as defined below) pursuant to that certain Guaranty and Collateral Agreement, dated as of June 29, 2022 (as amended, modified, restated, supplemented or otherwise modified from time to time, the “Guaranty and Collateral Agreement”), among MAGNA IMPERIO SYSTEMS CORP., a Delaware corporation, the Grantor, the other Grantors and Guarantors from time to time party thereto and the Agent.

FOR GOOD AND VALUABLE CONSIDERATION, receipt and sufficiency of which are hereby acknowledged, Grantor hereby grants to the Agent, for the benefit of the Purchasers, a continuing security interest in (i) all of the Grantor’s right, title and interest in, to and under to the United States patents, patent registrations and patent applications (the “Patents”) set forth on Schedule A attached hereto, all proceeds and products of the Patents; and (ii) all causes of action arising prior to or after the date hereof for infringement of any of the Patents.

THIS GRANT is made to secure the satisfactory performance and payment of all the Obligations (as such term is defined in the Guaranty and Collateral Agreement) for the purpose of recording the grant of security interest herein with the United States Patent and Trademark Office.

The rights and remedies of the Agent with respect to the security interest granted herein are as set forth in the Guaranty and Collateral Agreement, all terms and provisions of which are incorporated herein by reference. In the event that any provisions of this Grant are deemed to conflict with the Guaranty and Collateral Agreement, the provisions of the Guaranty and Collateral Agreement shall govern.

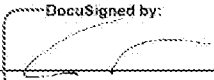
THIS AGREEMENT shall be governed by and construed in accordance with the internal laws of the State of New York.

THIS AGREEMENT may be executed in counterparts, each of which will be deemed an original, but all of which together constitute one and the same original.

[Remainder of this page intentionally left blank; signature page follows]

IN WITNESS WHEREOF, the undersigned have executed this Grant as of the date first written above.

MIS IP HOLDINGS, LLC, as Grantor

By _____
Name: Troy Poner
Title: Chief Financial Officer of the Sole Member

ACP POST OAK CREDIT I LLC, as Collateral Agent

By _____
Name:
Title:

IN WITNESS WHEREOF, the undersigned have executed this Grant as of the date first written above.

MIS IP HOLDINGS, LLC, as Grantor

By _____
Name:
Title:

ACP POST OAK CREDIT I LLC, as Collateral
Agent

By  _____
Name: Matthew E. Laterza
Title: Chief Operating Officer

Schedule A
Owned Patents

Patents

<u>Credit Party</u>	<u>Patent No.</u>	<u>Issue Date</u>	<u>Inventor</u>	<u>Title</u>
MIS IP Holdings, LLC	9,666,873	May 30, 2017	Grant R. Page	Apparatus and Methods for Treating Water and Generating Electrical Power
MIS IP Holdings, LLC	10,604,426	March 31, 2020	Michael J. Connor, Jr.; Brian M. McDonald; Grant R. Page	High Efficiency Electrochemical Desalination System that Incorporates Participating Electrodes
MIS IP Holdings, LLC	10,799,834	October 13, 2020	Brian M. McDonald; Ethan L. Demeter	Bipolar Electrochemical Space r
	17/003,602 (Divisional application number)	August 26, 2020 (filing date)		
MIS IP Holdings, LLC	11,020,713	June 1, 2021	Ethan L. Demeter; Michael J. Connor, Jr.; Brian M. McDonald	Ion Selective Membrane with Ionophores

Pending Patent Applications.

<u>Credit Party</u>	<u>Application No.</u>	<u>Filing Date</u>	<u>Inventor</u>	<u>Title</u>
MIS IP Holdings, LLC	16/449,951	June 24, 2019	Ethan L. Demeter; Michael J. Connor, Jr.; Chad Unrau; Brian M. McDonald	3D Printed Spacers for Ion-Exchange Device
MIS IP Holdings, LLC	16/600,416	October 11, 2019	Michael J. Connor, Jr.; Brian M. McDonald; Ethan L. Demeter; Thomas Beales	Diagnostic Methods and Apparatus for Electrodialysis

MIS IP Holdings, LLC	16/685,617	November 15, 2019	Brian M. McDonald; Michael J. Connor, Jr	Spacers for Ion - Exchange Device
MIS IP Holdings, LLC	16/844,787	April 9, 2020	Xin Li; Ethan L. Demeter	Electrodialysis Systems with Decreased Concentration Gradients at High Recovery Rates
MIS IP Holdings, LLC	16/911,056	June 24, 2020	Ethan L. Demeter	Electrodialysis Process and Bipolar Membrane Electrodialysis Devices for Silica Removal
MIS IP Holdings, LLC	17/132,235	December 23, 2020	Ethan L. Demeter; Brian M. McDonald; Rachel Guia Giron	Electrodialysis Process for High Ion Rejection in the Presence of Boron
MIS IP Holdings, LLC	17/035,119	September 28, 2020	Michael J. Connor, Jr.; Amanda Yoshino	Hybrid Electrochemical and Membrane - Based Processes for Treating Water with High Silica Concentrations
MIS	17/189,853	March 2, 2021	Brian M. McDonald; Ethan L. Demeter	Electrodialysis Processes Using an Organic Solvent for Separating Dissolved Species
MIS	17/332,684	May 27, 2021	Rachel Guia Giron; Ethan L. Demeter; Jeremy A. Willman	Liquid Crystallizer Salting Out Solution

Provisional Patents.

<u>Credit Party</u>	<u>Application No.</u>	<u>Receipt Date</u>	<u>Inventor</u>	<u>Title</u>
MIS IP Holdings, LLC	63/195,474	July 1, 2021	Jeremy A. Willman; Ethan L. Demeter	Direct Solvent Contact Crystallization Zero-Liquid Discharge Desalination with Volatile Hydrophobic Recovery Agent Regeneration
MIS IP Holdings, LLC	63/289,819	December 15, 2021	Ethan L. Demeter	Ion Removal from Heavy Ends Using Electrodialysis

Patent Licenses.

None