

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6444165

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	SPLIT ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MITSUBISHI CHEMICAL CORPORATION	10/01/2020

RECEIVING PARTY DATA

Name:	MU IONIC SOLUTIONS CORPORATION
Street Address:	1-1 MARUNOUCHI 1-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN

PROPERTY NUMBERS Total: 65

Property Type	Number
Patent Number:	6914768
Patent Number:	6942948
Patent Number:	6992196
Patent Number:	7083878
Patent Number:	7144660
Patent Number:	7169511
Patent Number:	7575833
Patent Number:	7803487
Patent Number:	7981553
Patent Number:	8007938
Patent Number:	8029935
Patent Number:	8043745
Patent Number:	8076033
Patent Number:	8137848
Patent Number:	8435681
Patent Number:	8551662
Patent Number:	8574757
Patent Number:	8673489
Patent Number:	8685562
Patent Number:	8697295
Patent Number:	8846247

PATENT

Property Type	Number
Patent Number:	8889302
Patent Number:	8916298
Patent Number:	8962192
Patent Number:	8980214
Patent Number:	9029022
Patent Number:	9048508
Patent Number:	9065146
Patent Number:	9083058
Patent Number:	9093716
Patent Number:	9112236
Patent Number:	9136560
Patent Number:	9196903
Patent Number:	9203106
Patent Number:	9231274
Patent Number:	9231276
Patent Number:	9231277
Patent Number:	9252457
Patent Number:	9281541
Patent Number:	9343777
Patent Number:	9461334
Patent Number:	9496585
Patent Number:	9515348
Patent Number:	9553333
Patent Number:	9590270
Patent Number:	9593016
Patent Number:	9608291
Patent Number:	9653753
Patent Number:	9653754
Patent Number:	9780409
Patent Number:	9806375
Patent Number:	9853326
Patent Number:	9923238
Patent Number:	9941544
Patent Number:	9947965
Patent Number:	10056646
Patent Number:	10177414
Patent Number:	10320030
Patent Number:	10333172

Property Type	Number
Patent Number:	10424812
Patent Number:	10424813
Patent Number:	10468720
Patent Number:	10476106
Patent Number:	10530008
Patent Number:	10615455

CORRESPONDENCE DATA

Fax Number: (703)739-2815

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: recordals@cpaglobal.com

Correspondent Name: CPA GLOBAL LIMITED

Address Line 1: LIBERATION HOUSE

Address Line 2: CASTLE STREET

Address Line 4: ST HELIER, JERSEY JE1 1BL

NAME OF SUBMITTER: HELEN BIRRELL

SIGNATURE: /IPR/HW/NGB MUIonic(CP2020-138)SplAG65P/

DATE SIGNED: 12/10/2020

Total Attachments: 3

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UNITED STATES OF AMERICA

ASSIGNMENT

WHEREAS, **mitsubishi chemical corporation** ("ASSIGNOR"), a Corporation organized under the laws of **Japan**, with a place of business at **1-1, MARUNOUCHI 1-CHOME CHIYODA-KU TOKYO JAPAN**, owns the United States Patent(s) (the "Patent(s)") listed on the attached Schedule A; and

WHEREAS, **MU Ionic Solutions Corporation** ("ASSIGNEE"), a Corporation organized under the laws of **Japan**, with a place of business at **1-1 Marunouchi 1-chome, Chiyoda-ku, Tokyo, Japan**, desires to acquire all rights to the Patent(s);

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other valuable consideration, the receipt of which ASSIGNOR acknowledges, ASSIGNOR has sold, assigned, transferred, and set over, and does, by this Assignment, sell, assign, transfer, and set over unto ASSIGNEE, all rights to the Patent(s), including reissues and extensions, to be held and enjoyed by ASSIGNEE, its successors, assigns, and legal representatives, for ASSIGNEE's own use and benefit and for the use and benefit of its successors, assigns, and legal representatives, to the end of the term(s) for which the Patent(s) has/have been granted or may be reissued or extended, as fully and entirely as the Patent(s) would have been held and enjoyed by ASSIGNOR had this assignment and sale not been made; together with all claims for profits and damages by reason of past infringement, with the right to sue for and collect the same for the use and benefit of ASSIGNEE, its successors, assigns, and legal representatives.

This Assignment is deemed to have become effective as from: **October 1, 2020**

IN WITNESS WHEREOF, ASSIGNOR and ASSIGNEE have caused this Assignment to be executed by its duly authorized officer or representative on the date(s) indicated below.

MITSUBISHI CHEMICAL CORPORATION

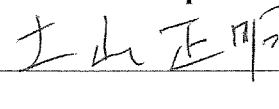
By: 

Name: **Hitoshi ABE**

Title: **General Manager, Intellectual Property Department**

Date: November 10, 2020

MU Ionic Solutions Corporation

By: 

Name: **Masaaki Tsuchiyama**

Title: **President and Representative Director**

Date: November 20, 2020

Schedule

Country	Application Number	IP Grant Number
U.S.A.	10720986	6914768
U.S.A.	10383555	6942948
U.S.A.	10227242	6992196
U.S.A.	11026398	7083878
U.S.A.	10397320	7144660
U.S.A.	10855489	7169511
U.S.A.	11735051	7575833
U.S.A.	11955692	7803487
U.S.A.	12781384	7981553
U.S.A.	11578308	8007938
U.S.A.	13041843	8029935
U.S.A.	12957698	8043745
U.S.A.	11577466	8076033
U.S.A.	13053874	8137848
U.S.A.	13209149	8435681
U.S.A.	13149159	8551662
U.S.A.	13538584	8574757
U.S.A.	13572799	8673489
U.S.A.	13397197	8685562
U.S.A.	13476598	8697295
U.S.A.	13964511	8846247
U.S.A.	13587149	8889302
U.S.A.	13466621	8916298
U.S.A.	12525188	8962192
U.S.A.	11993376	8980214
U.S.A.	13614215	9029022
U.S.A.	12580507	9048508
U.S.A.	12489010	9065146
U.S.A.	12920186	9083058
U.S.A.	13619147	9093716
U.S.A.	12090655	9112236
U.S.A.	13489038	9136560

Country	Application Number	IP Grant Number
U.S.A.	13676868	9196903
U.S.A.	13110564	9203106
U.S.A.	13828950	9231274
U.S.A.	13353803	9231276
U.S.A.	13536254	9231277
U.S.A.	13303959	9252457
U.S.A.	12594513	9281541
U.S.A.	13425006	9343777
U.S.A.	15080933	9461334
U.S.A.	13865560	9496585
U.S.A.	13924192	9515348
U.S.A.	13842473	9553333
U.S.A.	13975736	9590270
U.S.A.	13344742	9593016
U.S.A.	14644905	9608291
U.S.A.	13955584	9653753
U.S.A.	14269817	9653754
U.S.A.	14502343	9780409
U.S.A.	14468123	9806375
U.S.A.	13846254	9853326
U.S.A.	13964195	9923238
U.S.A.	14624914	9941544
U.S.A.	14866009	9947965
U.S.A.	14491199	10056646
U.S.A.	15210291	10177414
U.S.A.	14582676	10320030
U.S.A.	15365260	10333172
U.S.A.	15471625	10424812
U.S.A.	15703411	10424813
U.S.A.	14849119	10468720
U.S.A.	14991185	10476106
U.S.A.	14051883	10530008
U.S.A.	15438088	10615455