### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
HIDEKI GODA	05/25/2020
NAOKI SASAGAWA	05/25/2020
SHINJI OZAKI	05/25/2020
SATORU AOYAMA	05/25/2020
KATSUYA OKUBO	05/25/2020
KATSUHIKO IKEYATSU	05/25/2020

#### **RECEIVING PARTY DATA**

Name:	ARAKAWA CHEMICAL INDUSTRIES, LTD.	
Street Address:	3-7, HIRANOMACHI 1-CHOME, CHUO-KU, OSAKA-SHI,	
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State/Country:	ate/Country: JAPAN	
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	16902279

#### **CORRESPONDENCE DATA**

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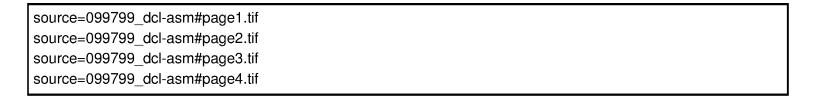
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ATTORNEY DOCKET NUMBER:	099799-US-1582
NAME OF SUBMITTER:	BELINDA LEE
SIGNATURE:	/Belinda Lee/
DATE SIGNED:	06/19/2020

**Total Attachments: 4** 

**PATENT REEL: 052994 FRAME: 0602** 

506116691



PATENT REEL: 052994 FRAME: 0603

□ Declaration Submitted With Initial Filing
OR
☐ Declaration Submitted After Initial Filing (surcharge 37 CFR 1.16(f) required)
(Title of the Invention)
THERMALLY CROSSLINKABLE BINDER AQUEOUS SOLUTION FOR LITHIUM-ION
BATTERY, THERMALLY CROSSLINKABLE SLURRY FOR LITHIUM-ION BATTERY
NEGATIVE ELECTRODE, NEGATIVE ELECTRODE FOR LITHIUM-ION BATTERY,
LITHIUM-ION BATTERY NEGATIVE ELECTRODE MATERIAL, AND LITHIUM-ION
BATTERY AND METHOD FOR PRODUCING THE SAME
As a below named inventor (hereinafter designated as the undersigned), I hereby declare
that:
This declaration is directed to:
☐ The attached application,
OR
United States Application Number or PCT International application number
Filed on
The above-identified application was made or authorized to be made by me.
I believe I am the original inventor or an original joint inventor of a claimed invention in the application.
The undersigned hereby acknowledge that any willful false statement made in this

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declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.

WHEREAS, the undersigned has invented certain new and useful improvements described in the application identified.

WHEREAS, ARAKAWA CHEMICAL INDUSTRIES, LTD. (Name of Assignee)

of <u>3-7, HIRANOMACHI 1-CHOME, CHUO-KU, OSAKA-SHI, OSAKA 541-0046 JAPAN</u> (Address of Assignee)

hereinafter referred to as ASSIGNEE, is desirous of acquiring the undersigned's interest in the said invention and application and in any U.S. Letters Patent which may be granted on the same:

NOW, THEREFORE, TO ALL WHOM IT MAY CONCERN: Be it known that, for good and valuable consideration, receipt of which is hereby acknowledged by the undersigned, the undersigned has/have sold, assigned and transferred, and by these presents does/do sell, assign and transfer unto the said Assignee, and Assignee's successors and assigns, all his/her/their rights, title and interest in and to the said invention and application and all future improvements thereon, and in and to any Letters Patent which may hereafter be granted on the same in the United States, the said rights, title and interest to be held and enjoyed by said Assignee as fully and exclusively as it would have been held and enjoyed by said the undersigned had this Assignment and transfer not been made, to the full end and term of any Letters Patent which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

The undersigned further agrees/agree that he/she/they will, without charge to said Assignee, but at Assignee's expense, cooperate with Assignee in the prosecution of said application and/or applications, execute, verify, acknowledge and deliver all such further papers, including applications for Letters Patent and for the reissue thereof, and instruments of assignment and transfer thereof, and will perform such other acts as Assignee Lawfully may request, to obtain or maintain Letters Patent for said invention and improvement, and to vest title thereto in said Assignee, or Assignee's successors and assigns.

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Signature:	Dldehi Gode	Date:	May. 25. 2000		
Legal Name of Sole or First Inventor: Hideki GODA					
Signature:	Charlei Sasagawa	Date:	May 25 2020		
Legal Name	of Additional Joint Inventor: Na	oki SASAGA	AWA		
Signature:	Shinji Ozaki	Date:	May. 25, 2020		
Legal Name	of Additional Joint Inventor: Sh				
Signature:	Tatoru Dozama	Date:	May 25, 2020		
Legal Name of Additional Joint Inventor: Satoru AOYAMA					
Signature:	Katsiya Okalo	Date:	May: 25.2020		
Legal Name of Additional Joint Inventor: Katsuya OKUBO					
Signature:	Katzuhiko Ukeyatzu	Date:	May 25, 2020		

Legal Name of Additional Joint Inventor: Katsuhiko IKEYATSU

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PATENT REEL: 052994 FRAME: 0607