

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6431590

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
DAE-HYUN KIM	10/22/2020
JENS PAULSEN	12/04/2020
SHINICHI KUMAKURA	10/12/2020
YURI LEE	10/22/2020
LIANG ZHU	10/15/2020
TAEHYEON YANG	10/07/2020

RECEIVING PARTY DATA

Name:	UMICORE
Street Address:	RUE DU MARAIS 31
City:	BRUSSELS
State/Country:	BELGIUM
Postal Code:	B-1000
Name:	UMICORE KOREA, LTD.
Street Address:	71, 3 GONGDAN 2-RO, SEOBUK-GU
Internal Address:	CHUNGCHEONGNAM-DO, CHEONAN-SI
City:	CHEONAN-SI
State/Country:	KOREA, REPUBLIC OF
Postal Code:	330-200

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	16976879
Application Number:	16976884
Application Number:	17007464

CORRESPONDENCE DATA

Fax Number: (919)882-8195

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.

Phone: 9193482194

Email: docket@nkpatentlaw.com

Correspondent Name: NK PATENT LAW
Address Line 1: 4917 WATERS EDGE DR.
Address Line 2: SUITE 275
Address Line 4: RALEIGH, NORTH CAROLINA 27606

ATTORNEY DOCKET NUMBER: 909/8/2, 3 & 4 UTIL

NAME OF SUBMITTER: TAYLOR MURPHY

SIGNATURE: /Taylor Murphy/

DATE SIGNED: 12/04/2020

Total Attachments: 6

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ASSIGNMENT OF RIGHTS

WHEREAS, the undersigned, **Dae-Hyun KIM, Jens PAULSEN, Shinichi KUMAKURA, YuRi LEE, Liang ZHU and TaeHyeon YANG**, (hereinafter "Assignor") has invented certain new and useful improvements described in the application(s) identified in Table I.

AND, WHEREAS, 1) **UMICORE**, having a place of business at Rue du Marais 31, Brussels, Belgium 1000 and 2) **UMICORE KOREA LTD.**, having a place of business at 71, 3gongdan 2-ro, Seobuk-gu, Chungcheongnam-do, Cheonan-si, Cheonan-si, South Korea 330-200 (hereinafter "Assignee"), has acquired an interest in the application(s) identified in Table I by and through an employment or other agreement between Assignor and Assignee. I further authorize an agent of the Assignee to insert the filing date, application number, and any other identifying particulars as required for perfecting these assignment papers.

However, in the avoidance of doubt and as confirmation of the already acquired interest by Assignee, NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has assigned and by these presents does hereby sell, assign, transfer, and convey unto the Assignee, its successors and assigns, his entire right, title, and interest in and to the invention and application, including the right to sue for past infringements and any other prior occurring rights, provided any such rights exist, and in and to any and all domestic and foreign patent applications filed on the invention, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America, and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with his right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by Assignor if this assignment and sale had not been made. Assignor further assigns to Assignee the right to claim entitlement and/or priority to any applications that entitlement or priority may be claimed for this or any later filed application, including the assignment of any provisionals or other priority documents to which the inventions claim priority to. The assignment of the right to claim entitlement and/or priority is executed *nunc pro tunc* and is considered effective as of the filing date of the earliest application to which priority and/or entitlement is claimed.

Assignor hereby requests that said Letters Patent be issued in accordance with this assignment.

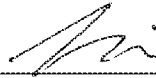
Assignor further covenants and agrees that, at the time of the execution and delivery of these presents, Assignor possesses full title to the invention and application above-mentioned, and that he has the unencumbered right and authority to make this assignment.

Assignor further covenants and agrees, and likewise binds his heirs, legal representatives and assigns, to promptly communicate to said Assignee or its representatives any facts known to him relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the Assignee, its representatives, successors and assigns to secure patent or similar protection for the said invention in all countries and to vest in the Assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said Assignee, its successors, assigns and other legal representatives.

TABLE I

Application No.	Attorney Docket No.	Filing Date	Title
16/976,879	909/8/2 UTIL	August 31, 2020	POSITIVE ELECTRODE MATERIAL FOR RECHARGEABLE LITHIUM ION BATTERIES
16/976,884	909/8/3 UTIL	August 31, 2020	POSITIVE ELECTRODE MATERIAL FOR RECHARGEABLE LITHIUM ION BATTERIES
17/007,464	909/8/4 UTIL	August 31, 2020	POSITIVE ELECTRODE MATERIAL FOR RECHARGEABLE LITHIUM ION BATTERIES

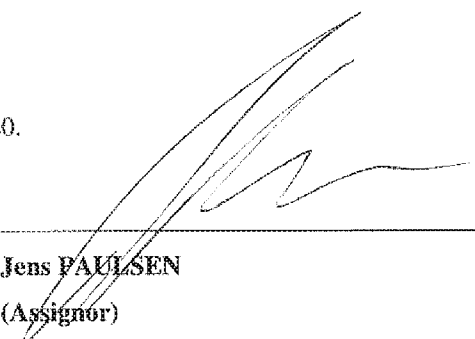
Executed this 22 day of Oct., 2020.



Dae-Hyun KIM
(Assignor)

909/8/2 UTIL; A18001-US-PCT
909/8/3 UTIL; A18001-US-PCT2
909/8/4 UTIL; A18001-US-PCT3

Executed this 4 day of DEC, 2020.

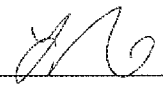


Jens PAULSEN
(Assignor)

Executed this ____ day of _____, 2020.

Shinichi KUMAKURA
(Assignor)

Executed this 22 day of Oct, 2020.



YuRi LEE
(Assignor)

Executed this ____ day of _____, 2020.

Liang ZHU
(Assignor)

Executed this ____ day of _____, 2020.

TaeHyeon YANG
(Assignor)

909/8/2 UTIL; A18001-US-PCT
909/8/3 UTIL; A18001-US-PCT2
909/8/4 UTIL; A18001-US-PCT3

Executed this _____ day of _____, 2020.

1) UMICORE

Name: _____

Title: _____

(Assignee)

Executed this 16 day of October, 2020.



2) UMICORE KOREA LTD.

Name: JUNG-SEOK JEE

Title: Managing Director

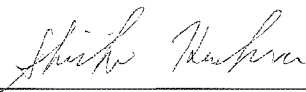
(Assignee)

909/8/2 UTIL; A18001-US-PCT
909/8/3 UTIL; A18001-US-PCT2
909/8/4 UTIL; A18001-US-PCT3

Executed this ____ day of _____, 2020.

Jens PAULSEN
(Assignor)

Executed this 12 day of October, 2020.

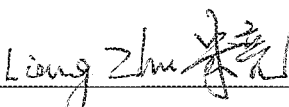


Shinichi KUMAKURA
(Assignor)

Executed this ____ day of _____, 2020.


YuRI LEE
(Assignor)

Executed this 15 day of October, 2020.



Liang ZHU
(Assignor)

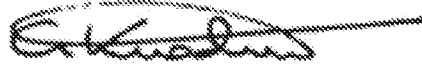
Executed this 1 day of October, 2020.



TaeHyeon YANG
(Assignor)

909/8/2 UTIL: A18001-US-PCT
909/8/3 UTIL: A18001-US-PCT2
909/8/4 UTIL: A18001-US-PCT3

Executed this 24th day of November , 2020.



1) UMICORE

Name: **Guy KNOCKAERT**

Title: **Senior IP Manager**

(Assignee)

Executed this ____ day of _____, 2020.

2) UMICORE KOREA LTD.

Name: _____

Title: _____

(Assignee)