PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4942447

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YAN WANG	04/11/2018
LINCOLN MIARA	04/11/2018
GERBRAND CEDER	04/13/2018
WILLIAM D. RICHARDS	04/26/2018

RECEIVING PARTY DATA

Name:	SAMSUNG ELECTRONICS CO., LTD
Street Address:	129, SAMSUNG-RO, YEONGTONG-GU
Internal Address:	SUWON-SI
City:	GYEONGGI-DO
State/Country:	KOREA, REPUBLIC OF
Postal Code:	16677
Name:	THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
Street Address:	1111 FRANKLIN STREET
Internal Address:	12TH FLOOR
City:	OAKLAND
State/Country:	CALIFORNIA
Postal Code:	94607-5200
Name:	MASSACHUSETTS INSTITUTE OF TECHNOLOGY
Street Address:	77 MASSACHUSETTS AVENUE
City:	CAMBRIDGE
State/Country:	MASSACHUSETTS
Postal Code:	02139

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15966234

CORRESPONDENCE DATA

Fax Number: (860)286-0115

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.

504895704 REEL: 045692 FRAME: 0288

PATENT

Phone: 860-286-2929

Email: usptopatentmail@cantorcolburn.com

Correspondent Name: CANTOR COLBURN LLP Address Line 1: 20 CHURCH STREET

Address Line 2: 22ND FLOOR

Address Line 4: HARTFORD, CONNECTICUT 06103-3207

ATTORNEY DOCKET NUMBER: AML17-LI04

NAME OF SUBMITTER: SAMANTHA PAGE

SIGNATURE: /Samantha Page/

DATE SIGNED: 05/02/2018

Total Attachments: 3 source=8195990#page1.tif source=81D6373#page1.tif source=81N1292#page1.tif

PATENT REEL: 045692 FRAME: 0289

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of Invention	LITHIUM AND SODIUM SOLID-STATE ELECTROLYTE MATERIALS	
As the undersig	gned inventor, I hereby declare that:	
This combined assignment is d	declaration and	
The above-identified application was made or authorized to be made by me.		
I believe that I	I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.	
I have reviewed and understand the contents of the application including the claims, for which this combined declaration and assignment is being submitted.		
I am aware of the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR 1.56.		
WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation, having a place of business at 129, Samsung-ro, Yeongtong-gu Suwon-si, Gyeonggi-do, Korea, (hereinafter referred to as "ASSIGNEE"), desire to acquire the entire right, title and interest in said invention and to any patent that may be granted thereon in the United States and foreign countries;		
NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, We, the below named inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications including those to which priority is claimed under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof.		
We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries.		
I hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAMI	E OF FIRST INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: Linco	Date: 4/11/18	
Signature:		
LEGAL NAME OF FIRST INVENTOR (e.g., full first name, middle initial, last name)		
Inventor: Yan K. Wang Yan Wang Date: 4/11/18		
Signature:		

PATENT REEL: 045692 FRAME: 0290

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

Title of	LITHIUM AND SODIUM SOLID-STATE ELECTROLYTE MATERIALS	
Invention		
As the undersi	gned inventor, I hereby declare that:	
This combine	I declaration and SThe attached application, or	
assignment is	The state of the s	
assignment is	directed to: United States application or PCT International application number filed on	
The above-ide	ntified application was made or authorized to be made by me.	
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.	
I have reviewe assignment is l	d and understand the contents of the application including the claims, for which this combined declaration and being submitted.	
I am aware of 1.56.	the duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR	
C/3 240074750	the Regents of the University of California, having a place of business at 1111 Franklin Street, 12th Floor, Oakland, 100, (hereinafter referred to as "ASSIGNEE"), desire to acquire the entire right, title and interest in said invention and that may be granted thereon in the United States and foreign countries;	
NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged. We, the below named inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications including those to which priority is claimed under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof.		
We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries.		
I hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAME	OF FIRST INVENTOR (s.o. full first women widdle initial last some)	

Inventor: Gerbrand Ceder Date: 4/3/62
Signature:

PATENT REEL: 045692 FRAME: 0291

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT

LITHIUM AND SODIUM SOLID-STATE ELECTROLYTE MATERIALS

invention		
As the undersigned inventor, I hereby declare that:		
This combined assignment is d	declaration and ☐ United States application or PCT International application number filed on	
The above-ider	ntified application was made or authorized to be made by me.	
I believe that I	am the original inventor or an original joint inventor of a claimed invention in the application.	
	d and understand the contents of the application including the claims, for which this combined declaration and being submitted.	
I am aware of t 1.56.	he duty to disclose to the Office all information known to me to be material to patentability as defined in 37 CFR	
WHEREAS, Massachusetts Institute of Technology, having a place of business at 77 Massachusetts Avenue, Cambridge, MA 02139, (hereinafter referred to as "ASSIGNEE"), desire to acquire the entire right, title and interest in said invention and to any patent that may be granted thereon in the United States and foreign countries;		
NOW, THEREFORE, for good and valuable consideration, the receipt whereof is hereby acknowledged, We, the below named inventors, hereby sell, assign and transfer to said ASSIGNEE, its successors and assigns, the entire right, title and interest in the above-identified application and the invention disclosed therein in all countries, including all divisional applications, continuation applications, and corresponding priority applications including those to which priority is claimed under the International Convention of Paris including under 35 U.S.C. 119, substitutions, and renewals thereof, and to all patents that may be granted thereon, and all reissues thereof.		
We hereby authorize and request the Patent Office Officials in the United States and all foreign countries to issue patents, when granted, to said ASSIGNEE, its successors and assigns. Further, We agree that said ASSIGNEE, its successors and assigns, may apply for patents for the invention in foreign countries without further authorization from us. Also, We agree to execute all papers and generally to do everything possible to aid said ASSIGNEE, its successors and assigns, in obtaining and enforcing patents for the invention in all countries.		
I hereby acknowledge that any willful false statement made in this combined declaration and assignment is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAMI	E OF FIRST INVENTOR (e.g., full first name, middle initial, last name)	
Inventor: Willi	am D. Richards Date: 4/26/2018	

PATENT REEL: 045692 FRAME: 0292

RECORDED: 05/02/2018

Title of