504037937 10/05/2016

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
MAKIKO UMEZAKI	08/12/2016
TAKAHIRO KISHIOKA	08/12/2016
TAITO NISHINO	08/12/2016
AYAKO OTANI	08/12/2016
KENICHIRO KAMEI	08/08/2016
LI LIU	08/08/2016
YONG CHEN	08/05/2016

# **RECEIVING PARTY DATA**

NISSAN CHEMICAL INDUSTRIES, LTD.	
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36-1, YOSHIDA-HONMACHI, SAKYO-KU	
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# **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15118481

### CORRESPONDENCE DATA

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504037937 REEL: 039948 FRAME: 0415

PATENT

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DATE SIGNED:	10/05/2016
Total Attachments: 10 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif source=Assignment#page4.tif source=Assignment#page5.tif source=Assignment#page6.tif source=Assignment#page7.tif source=Assignment#page8.tif source=Assignment#page9.tif source=Assignment#page9.tif source=Assignment#page10.tif	

PATENT REEL: 039948 FRAME: 0416

### ASSIGNMENT

## WHEREAS, I/WE

- (1) Makiko UMEZAKI of c/o NISSAN CHEMICAL INDUSTRIES, LTD., Materials Research Laboratories, 635, Sasakura, Fuchu-machi, Toyama-shi, Toyama 939-2792 Japan,
- (2) Takahiro KISHIOKA of c/o NISSAN CHEMICAL INDUSTRIES, LTD., Materials Research Laboratories, 635, Sasakura, Fuchu-machi, Toyama-shi, Toyama 939-2792 Japan,
- (3) Taito NISHINO of c/o NISSAN CHEMICAL INDUSTRIES, LTD., Biological Research Laboratories, 1470, Shiraoka, Shiraoka-shi, Saitama 349-0294 Japan,
- (4) Ayako OTANI of c/o NISSAN CHEMICAL INDUSTRIES, LTD., Biological Research Laboratories, 1470, Shiraoka, Shiraoka-shi, Saitama 349-0294 Japan,
- (5) Kenichiro KAMEI of c/o Kyoto University, 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501 Japan,
- (6) Li LIU of c/o Kyoto University, 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501 Japan, and
- (7) Yong CHEN of c/o Kyoto University, 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501 Japan,

hereinafter referred to as Assignor, have invented a certain invention entitled:

ACTIVE-ESTER-GROUP-CONTAINING COMPOSITION FOR PRODUCING FIBERS, AND CELL CULTURE SCAFFOLD MATERIAL USING FIBERS PRODUCED FROM ACTIVE-ESTER-GROUP-CONTAINING COMPOSITION

for which invention an application (provisional or non-provisional) for a U.S. patent was filed on August 11, 2016, under U.S. Application No. 15/118,481, and

## WHEREAS,

NISSAN CHEMICAL INDUSTRIES, LTD. of 7-1, Kanda Nishiki-cho 3-chome, Chiyoda-ku, Tokyo 101-0054 Japan, and

Kyoto University of 36-1, Yoshida-honmachi, Sakyo-ku, Kyoto-shi, Kyoto 606-8501 Japan

hereinafter referred to as Assignee, is desirous of acquiring the entire right, title, and interest in, to, and under the invention described in the patent application, including the entire priority right derived from the application,

**Now, Therefore,** for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged,

Page 1 of 5

Assignor assigns and transfers to Assignee and Assignee's legal representatives, successors, and assigns the entire right, title, and interest in, to, and under the invention, the referenced patent application, other such applications (e.g., provisional applications, non-provisional applications, continuations, continuations-in-part, divisionals, reissues, reexaminations, national and regional phase applications, petty patent applications, and utility model applications) that may be filed in the U.S. and/or any country foreign to the U.S. on the invention, the patents that may issue thereon, and the patents as may be modified as the result of applicable procedures (e.g., supplemental examinations, ex parte reexaminations, inter partes reviews, post-grant reviews, and oppositions),

Assignor conveys to the Assignee the right to make applications in Assignee's own behalf for protection of the invention in the U.S. and countries foreign to the U.S. and to claim priority to the referenced patent application and other such applications that may be filed in the U.S. or any country foreign to the U.S. on the invention under the Patent Cooperation Treaty, the Paris Convention, and any other international arrangements,

Assignor will not execute any writing or do any act conflicting with the terms of this assignment,

Assignor will at any time upon request, without further or additional consideration, but at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to pursue the patent applications identified herein, including, but not limited to, rendering all necessary assistance in making applications for and obtaining patents that may issue thereon in the U.S. and any countries foreign to the U.S. on the invention, and in enforcing any rights accruing as a result of such applications or patents, by, for example, executing statements and other affidavits,

Assignor and Assignee agree the terms of this assignment shall bind, and inure to the benefit of, the legal representatives, successors, and assigns of all parties hereto,

Assignor authorizes Assignee to insert in this assignment the number and filing date of the application if the number and filing date of the application are not recited herein at the time of execution of this assignment by any or all of the parties hereto,

Assignor and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment.

IN WITNESS WHEREOF, Assignor has hereunder set his/her hand on the date shown below.

Page 2 of 5

Date	August 12, 2016	makiko Umezaki
		Assignor: Makiko UMEZAKI
Date	August 12, 2016	Witness: Yurahi MANO
_		Witness: Yushi MANO
Dota ·		
Date _		Witness:
Date	August 12, 2016	Takahira Kishioka
_		Assignor: Takahiro KISHIOKA
Date	August 12, 2016	Witness: Yuichi MANO
_		Witness: Yuidi MANO
Date _		
		Witness:
		Factor Mishino
Date _	August 12, 2016	
		Assignor: Taito NISHINO
Date	August 12, 2016	Witness: Yurchi MANO
		Witness: Yaichi MANO
Date		
-		Witness:
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**REEL: 039948 FRAME: 0419** 

Date	August 12, 2016	Ayaco Otani
		Assignor: Ayako OTANI
Date _	August 12, 2016	Witness: Yuichi MANO
		Witness: Yuichi MANO
Date _		
		Witness:
Date		
		Assignor: Kenichiro KAMEI
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2000		Assignor: Li LIU
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Page 4 of 5

Date \_\_\_\_\_\_ Assignor: Yong CHEN

In re Appln. of Nissan Chemical Industries, Ltd. et al.

Date \_\_\_\_\_

Witness:

Witness:

#### ASSIGNMENT

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Assignor and Assignee agree that U.S. law governs this assignment, and

Assignee acknowledges and accepts this assignment.

IN WITNESS WHEREOF, Assignor has hereunder set his/her hand on the date shown below.

Leydig, Voit & Mayer

Date	·
	Assignor: Makiko UMEZAKI
Date	****
	Witness:
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	Assignor: Takahiro KISHIOKA
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	Assignor: Taito NISHINO
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Page 3 of 5

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	Assignor: Ayako OTANI
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Date	Assignor: Kenichiro KAMEI
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Date Aug	Assignor: Kenichiro KAMEI  Witness:
	Witness:
Date Aug. 8, 2016	yoshimi Imakita
Date · · · · ·	Witness:
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	/ . / .
Date Aug, 8, 2016.	LoLder
Date	Assignor: Li LIU  Y  Witness:
1 8 7016	y latak
Date Aug. 8. 2016	J. SHOOL
	Witness:
DateAug. 8, 2016	Witness:  yoshīmī dmakīta
Date	Witness:
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Date Aug 8, 2016

Date Aug 8- 2016

Date Aug. 8, 2016

Assignor: Yong CHEN

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Witness:

yoshimi Imakita

Witness:

Leydig, Voit & Mayer

**RECORDED: 10/05/2016** 

Page 5 of 5

PATENT REEL: 039948 FRAME: 0426