05/11/2015 503300272

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3346890

SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

CONVEYING PARTY DATA

Name	Execution Date
Yoshihiro KUDO	03/20/2015
Taichi NAKAZAWA	03/20/2015
Takuzo AIDA	03/20/2015
Yasuhiro ISHIDA	03/20/2015
Shingo TAMESUE	03/20/2015
Masataka OHTANI	03/20/2015

RECEIVING PARTY DATA

Name:	Nissan Chemical Industries, Ltd.
Street Address:	7-1, Kanda-Nishiki-cho 3-chome
Internal Address:	Chiyoda-ku
City:	Tokyo
State/Country:	Japan
Postal Code:	1010054
Name:	Riken
Street Address:	2-1 Hirosawa, Wako
City:	Saitama
State/Country:	Japan
Postal Code:	3510198

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	14429234	

CORRESPONDENCE DATA

Fax Number: (703)836-2787

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: 703-836-6400 Email: email@oliff.com **Correspondent Name:** JAMES A. OLIFF Address Line 1: **OLIFF PLC** Address Line 2:

P.O. BOX 320850

REEL: 035604 FRAME: 0293 503300272

PATENT

Address Line 4: ALE	ALEXANDRIA, VIRGINIA 22320-4850		
ATTORNEY DOCKET NUMBER:	165503		
NAME OF SUBMITTER:	YULAN LI		
SIGNATURE:	/Yulan Li/		
DATE SIGNED:	05/11/2015		

Total Attachments: 2

source=5.11.15 165503 Assignment#page1.tif source=5.11.15 165503 Assignment#page2.tif

PATENT REEL: 035604 FRAME: 0294

(1-8) Insert Name(s)	(1) Yoshihiro KUDO	,	(5) Shingo TAMESUE
of Inventor(s)	(2) Taichi NAKAZAW	Α	(6) Masataka OHTANI
	(3) Takuzo AIDA		
	(4) Yasuhiro ISHIDA		(8)
(9) Insert Names of Assignees	valuable consideration assign, and hereby doe		
(10) Insert Addresses of Assignee	s (10-1) 7-1, Kanda-Nis	hiki-cho 3-chome, Chiy	oda-ku, Tokyo 1010054, Japan
		Wako, Saitama 351019	
	_	-	d Assignee's heirs, successors, assigns
			e and interest for the United States of
			invention, and in all applications for
			n-provisional, divisional, continuation, etters Patent, extensions, reissues and
			on the invention known as
(11) Insert Identification,			ION AND HYDROGEL
such as Title, Case Number	PRODUCED	THEREFROM	
or Foreign Application		4.65500	
Number	(Attorney Docket		
	for which the undersig States of America on e		an application for patent in the United
(12) Insert Date of Signing of	(12) on March 2		
Application	(12) 011		
(13) Alternative Identification	(13) U.S. application	Serial Number <u>14/42</u>	29,234
for filed applications	filed March 1	8, 2015	
			rith any application and any continuing,
			thereon, and also to execute separate
assignments in connection with s 2) Each undersigned agree			ay deem necessary. n with any interference which may be
			y patent or reissue application based
			ssible in obtaining evidence and going
forward with such interference.			
			orm any act which may be necessary in
agreements.	sions of the Internation	ial Convention for Prote	ction of Industrial Property or similar
•	s to perform all affirmat	tive acts which may be n	ecessary to obtain, maintain or confirm
by reissue or reexamination a gr			
			ssue any and all Letters Patents of the
_			ee of the entire interest, and covenants has not executed, and will not execute,
			g on him and his heirs, successors, and
assigns and legal representative			, ,,,,
			insert on this assignment any further
		der to comply with the	rules of the United States Patent and
Trademark Office for recordation In witness whereof, executed b		he date(s) opposite the	undersigned name(s)
Date March 20, 2015 In	ventor Signature	Boshehin Un	do (SEAL)
Date March 20, 2015 Inc. Date March 20, 2015 Inc.	ventor Signature	Frich Makeson	(SEAL)
DateIn	ventor Signature		(SEAL)
DateIn	ventor Signature		(SEAL)
			(SEAL)
			(SEAL)
DateIn	ventor Signature		(SEAL)
DateIn	ventor Signature		(SEAL)
This assignment should preferal	oly be signed before: (a)	a Notary Public if within	the U.S.A. (b) a U.S. Consul if outside
the U.S.A. If neither, then it should			o sign here:
DateWi	rness		

Date _____Witness ____

PATENT REEL: 035604 FRAME: 0295

譲渡証(*国) ASSIGNMENT

(1-8) Insert Name(s)	(1) Yoshihiro KUD	0	(5) Shingo TAMESUE
of Inventor(s)	(2) Taichi NAKAZA		(6) <u>Masataka OHTANI</u>
	(3) <u>Takuzo AIDA</u>		(7)
	(4) Yasuhiro ISHII)A	(8)
(9) Insert Names of Assignees	valuable considerat assign, and hereby		
(10) Insert Addresses of Assignee	s (10-1) 7-1. Kanda-	Nishiki-cho 3-chome. C	hiyoda-ku, Tokyo 1010054, Japan
(10, 11101111111111111111111111111111111		va, Wako, Saitama 351	
(11) Insert Identification, such as Title, Case Number	and legal represent America as defined patent including a substitute, and reis reexamination certi (11) HYDROGE	atives, the entire right, l in 35 U.S.C. § 100, in ny and all provisional, sue application(s), and a ficates that may be gran	and Assignee's heirs, successors, assignititle and interest for the United States the invention, and in all applications for non-provisional, divisional, continuational Letters Patent, extensions, reissues and the don't he invention known as SITION AND HYDROGEL
or Foreign Application	TRODUCE	ID IIIIIIIIII IOW	
Number	(Attorney Doc	ket No. 165503)
			ted an application for patent in the Unit
(10) 1		n even date herewith or 120, 2015	
(12) Insert Date of Signing of Application	(12) onMarch	20, 2013	
(13) Alternative Identification	(13) U.S. applicati	on Serial Number <u>14</u>	/429.234
for filed applications	filed March		
divisional or reissue application assignments in connection with 2) Each undersigned agreed declared concerning any application, and forward with such interference. 3) Each undersigned agreed connection with claims or proving agreements. 4) Each undersigned agreed by reissue or reexamination and such that he has full right to convey any agreements in conflict here assigns and legal representative 6) Each undersigned here identification that may be necessive.	as for the invention, such applications and es to execute all papation or continuation to cooperate with the esto execute all paper is so the Internation of the Internation of a valid United orizes and requests the idapplication(s) to the entire interest he with, and agrees the est. By grants the firm of essary or desirable in of this document.	and any patent(s) issued patents as the Assigneers necessary in connect or division thereof, or a Assignee in every way are and documents and pational Convention for Patents and patents are said Assignee, as Asserein assigned, and that at this assignment is bing order to comply with	ction with any interference which may any patent or reissue application bas a possible in obtaining evidence and goi perform any act which may be necessary rotection of Industrial Property or similar property or similar necessary to obtain, maintain or confinitions and any and all Letters Patents of the issue any and all Letters Patents of the has not executed, and will not executed in the has not executed, and will not executed in the patents of the insert on this assignment any further the rules of the United States Patent and
In witness whereof, executed I			(:1)
Date <u>March 20, 2015</u> In	ventor Signature	you Rin	Out (SEAL
Date March 20, 2015 In	ventor Signature	Chinas	Samesue (SEAI
Date <u>March 20, 2015</u> In	ventor Signature	Jrango	Jamesue (SEAL
		Masata Sa	
			(SEAL
DateIn			
DateIn	=		
Date In			
This assignment should preferal the U.S.A. If neither, then it should			ithin the U.S.A. (b) a U.S. Consul if outsi also sign here:

PATENT REEL: 035604 FRAME: 0296

RECORDED: 05/11/2015

Date _____Witness _____
Date _____Witness _____