506083332 05/29/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KEN MIYAGI	03/12/2020
TAKAHIRO DAZAI	03/12/2020
TOSHIFUMI SATOH	03/11/2020
TAKUYA ISONO	03/11/2020

RECEIVING PARTY DATA

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211-0012
NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY
KITA 8-JYO NISHI 5-CHOME
HOKKAIDO
KITA-KU, SAPPORO-SHI
JAPAN
060-0808

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16878314

CORRESPONDENCE DATA

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PATENT REEL: 052793 FRAME: 0818

506083332

ATTORNEY DOCKET NUMBER:	SHIGA7.523AUS
NAME OF SUBMITTER:	NEIL S BARTFELD
SIGNATURE:	/Neil S. Bartfeld/
DATE SIGNED:	05/29/2020
Talal Allaskassasla A	

Total Attachments: 4

source=2020-05-19 Combined Declaration Assignmnet - SHIGA7.523AUS#page1.tif source=2020-05-19 Combined Declaration Assignmnet - SHIGA7.523AUS#page2.tif source=2020-05-19 Combined Declaration Assignmnet - SHIGA7.523AUS#page3.tif source=2020-05-19 Combined Declaration Assignmnet - SHIGA7.523AUS#page4.tif

COMBINED DECLARATION & ASSIGNMENT UNDER 37 CFR 1.63(e) Attorney Reference No.: Page 1 of 2 RESIN COMPOSITION FOR FORMING PHASE-SEPARATED STRUCTURE, METHOD FOR PRODUCING STRUCTURE INCLUDING PHASE-SEPARATED STRUCTURE, AND BLOCK COPOLYMER Legal Names of All Inventors: Ken MIYAGI; Takahiro DAZAI; Toshifumi SATOH and Takuya ISONO Please Direct All Correspondence to Customer Number 20995 Declaration of Inventors As an individual executing this Declaration, I hereby declare that: This Declaration is directed to the invention identified above that: (check one) is attached, where "attached" means filed concurrently with. ☐ Was filed on _____ as U.S. Application No. ___ ☐ Was filed on as International Application No. 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. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. Assignment from Inventors WHEREAS, the inventor(s) identified above (individual(s) hereinafter "ASSIGNOR") invented certain new and useful improvements, technology, inventions, developments, ideas or discoveries while under an obligation to assign related to the title identified above (collectively hereinafter referred to as the "Work") for which the application identified above has been or will be flied (hereinafter the "Application"). AND WHEREAS, (1) TOKYO OHKA KOGYO CO., LTD. and (2) NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY with its principal place of business at (1) 150, Nakamaruko, Nakahara-ku, Kawasaki-shi, Kanagawa 211-0012 Japan and (2) Kita 8-iyo Nishi 5-chome, Kita-ku, Sapporo-shi, Hokkaido 060-0808 Japan (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and to the Application and the Work. NOW, THEREFORE, for good and valuable consideration of which receipt is hereby acknowledged, ASSIGNOR hereby acknowledges that ASSIGNOR has sold, assigned, transferred and set over, and by these presents does hereby sell, assign, transfer and set over, unto said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in the Application and the Work, including all patent properties filed or issued upon the Application and the Work; where "Patent Properties" include, but are not limited to: all provisional applications relating thereto (including but not limited to U.S. Provisional Application No(s). ______ (respectively if plural applications)); all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the present Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof;

all rights of priority under International Conventions and any related Letters Patent which may hereafter be granted or filed in any country or countries foreign to the United States, all extensions, renewals and reissues thereof.

COMBINED DECLARATION & ASSIGNMENT UNDER 37 CFR 1.63(e)	
Attorney Reference No.: Pag	e 2 of 2
Title: RESIN COMPOSITION FOR FORMING PHASE-SEPARATED STRUCTURE, METHOD FOR PRODUCING STRUCTURE INCLUDING PHASE-SEPARATED STRUCTURE, AND BLOCK COPOLYMER	
Legal Names of All Inventors: <u>Ken MIYAGI; Takahiro DAZAI; Toshifumi SATOH and Takuva ISON</u>	Q
Please Direct All Correspondence to Customer Number 20995	

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any Improvements made thereto, sign/execute all lawful papers, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

Date:_	March 12, 2020
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Date:_	March 12, 2020
Date:_	
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Date:	
_ Date:_	
	Date: Date: Date:

COMBINED DECLARATION & ASSIGNMENT UNDER 37 CFR 1.63(e)	
Attorney Reference No.: Page 1 of 2	
RESIN COMPOSITION FOR FORMING PHASE-SEPARATED STRUCTURE, METHOD FOR PRODUCING STRUCTURE INCLUDING PHASE-SEPARATED STRUCTURE, AND BLOCK COPOLYMER	
egal Names of All Inventors: Ken MIYAGI; Takahiro DAZAI; Toshifumi SATOH and Takuya ISONO	
Please Direct All Correspondence to Customer Number 20995	
Declaration of Inventors	
As an individual executing this Declaration, I hereby declare that:	
This Declaration is directed to the invention identified above that: (check one)	
Is attached, where "attached" means filed concurrently with.	
□ Was filed onas U.S. Application No	
☐ Was filed on as International Application No.	
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.	
l hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S: 1001 by fine or imprisonment of not more than five (5) years, or both.	
Assignment from Inventors	
WHEREAS, the inventor(s) identified above (individual(s) hereinafter "ASSIGNOR") invented certain no and useful improvements, technology, inventions, developments, ideas or discoveries while under a obligation to assign related to the title identified above (collectively hereinafter referred to as the "Work") the application identified above has been or will be filed (hereinafter the "Application").	
AND WHEREAS, (1) TOKYO OHKA KOGYO CO., LTD. and (2) NATIONAL UNIVERSITY CORPORATION HOKKAIDO UNIVERSITY with its principal place of business at (1) 150, Nakamaruko, Nakahara-kawasaki-shi, Kanagawa 211-0012 Japan and (2) Kita 8-jyo Nishi 5-chome, Kita-ku, Sapporo-shi, Hokkai 060-0808 Japan (hereinafter the "ASSIGNEE"), desires to acquire the entire right, title, and interest in and the Application and the Work.	
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all provisional applications relating thereto (including but not limited to U.S. Provisional Applications). No(s)	
all nonprovisional applications claiming priority to aforementioned provisional(s) and/or the press Application, including, all divisions, continuations, continuations-in-part, and reissues, and all Lette Patent of the United States which may be granted thereon and all reissues and extensions there and	
all rights of priority under International Conventions and any related Letters Patent which in hereafter be granted or filed in any country or countries foreign to the United States, all extension renewals and reissues thereof.	

COMBINED DECLARATION & ASSIGNMENT UNDER 37 CFR 1.63(e)

CHDEROLOLINI 1:00/ch	
Attorney Reference No.:	Page·2 of 2
Title: RESIN COMPOSITION FOR FORMING PHASE-SEPARATED STRUCTURE, METHOD FOR STRUCTURE INCLUDING PHASE-SEPARATED STRUCTURE, AND BLOCK COPOLYMER	
Legal Names of All Inventors: Ken MIYAGI: Takahiro DAZAI: Toshifumi SATOH and Taku	va ISONO

Please Direct All Correspondence to Customer Number 20995

ASSIGNOR hereby acknowledges the ASSIGNEE as the Applicant for all aforementioned patent properties, and authorizes and requests the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all related Letters Patent to the ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND ASSIGNOR DOES HEREBY sell, assign, transfer, and convey to ASSIGNEE, its successors, legal representatives, and assigns all claims for damages and all remedies arising out of any violation of the rights assigned hereby that may have accrued prior to the date of assignment to ASSIGNEE, or may accrue hereafter, including, but not limited to, the right to sue for, collect, and retain damages for past infringements of said Letters Patent before or after issuance.

AND ASSIGNOR DOES HEREBY covenant and agree that ASSIGNOR will communicate to said ASSIGNEE, its successors, legal representatives and assigns, any facts known to ASSIGNOR respecting the Work, and testify in any legal proceeding, assist in the preparation of any other Patent Property relating to the Application and the Work or any improvements made thereto, sign/execute all lawful papers, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for the Work in all countries.

1.Legal Name of Inventor: <u>Ken MIYAGI</u>	
Signature of Inventor:	Date:
2.Legal Name of Inventor: <u>Takahiro DAZAI</u>	
Signature of Inventor:	Date:
3.Legal Name of Inventor: <u>Toshifumi SATOH</u> Signature of Inventor: <u>Talaffan</u> Satato	March 11, 2020 Date:
4. Legal Name of Inventor: <u>Takuya ISONO</u> Signature of Inventor: <u>Takuya Isono</u>	M
5,Legal Name of Inventor:	Date.
Signature of Inventor:	Date:
6.Legal Name of Inventor:	
Signature of Inventor:	Date:

PATENT REEL: 052793 FRAME: 0823

RECORDED: 05/29/2020