505080000 09/06/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE:

CORRECTIVE ASSIGNMENT

Corrective Assignment to correct the RECEIVING PARTY DATA

(MISSPELLING OF INSTITUTE) previously recorded on Reel 036811

Frame 0382, Assignor(s) hereby confirms the CORRECT NAME OF THE

Frame 0382. Assignor(s) hereby confirms the CORRECT NAME OF THE RECEIVING PARTY DATA SHOULD BE "NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY".

EPAS ID: PAT5126757

CONVEYING PARTY DATA

Name	Execution Date
KENJI HATA	07/10/2015
ATSUKO SEKIGUCHI	07/10/2015

RECEIVING PARTY DATA

Name:	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY
Street Address:	3-1 KASUMIGASEKI 1-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	1008921

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14885266

CORRESPONDENCE DATA

Fax Number: (703)518-5499

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: 7036841111

Email: docketing@ipfirm.com, yshgroup@ipfirm.com

Correspondent Name: HAUPTMAN HAM, LLP

Address Line 1: 2318 MILL ROAD

Address Line 2: SUITE 1400

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	5725-0088
NAME OF SUBMITTER:	YOON S. HAM
SIGNATURE:	/Yoon S. Ham/
DATE SIGNED:	09/06/2018

Total Attachments: 5

PATENT REEL: 047028 FRAME: 0148

505080000

source=5725-0088_Assignment#page1.tif source=5725-0088_Assignment#page2.tif source=5725-0088_Assignment#page3.tif source=Original_CoverSheet#page1.tif source=Notice#page1.tif

> PATENT REEL: 047028 FRAME: 0149

503526744 10/16/2015

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

NEW ACCIONATE

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
KENJI HATA	07/10/2015
ATSUKO SEKIGUCHI	07/10/2015

RECEIVING PARTY DATA

Name:	NATIONAL INSTITUE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY	
Street Address:	3-1 KASUMIGASEKI 1-CHOME, CHIYODA-KU	
City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	1008921	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14885266

CORRESPONDENCE DATA

Fax Number: (703)518-5499

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: 703-684-1111

Email: YSHJapanGroup@ipfirm.com
Correspondent Name: LOWE HAUPTMAN & HAM, LLP

Address Line 1: 2318 MILL ROAD
Address Line 2: SUITE 1400

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	5725-0088
NAME OF SUBMITTER:	ARIMI YAMADA
SIGNATURE:	/Arimi Yamada/
DATE SIGNED:	10/16/2015

Total Attachments: 3

source=5725-0088_Assignment#page1.tif source=5725-0088_Assignment#page2.tif source=5725-0088_Assignment#page3.tif

> PATENT REEL: 047028 FRAME: 0150

EPAS ID: PAT3573370

Case	No.:

ASSIGNMENT 譲渡証書

以下に署名した各発明者は、その受領およびそれが十分であることをここに認める有価の 約因に対して、	For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto
議受人の住所および名称	Name and address of assignee
(以下、譲受人と称する)に対し、 下記の米国出願に記載され、下記の発明の名称 に関する本発明、	NATIONAL INSTITUTE OF ADVANCED INDUSTRIAL SCIENCE AND TECHNOLOGY 3-1 Kasumigaseki 1-chome, Chiyoda-ku, Tokyo 1008921 Japan
発明の名称 :	(hereinafter ASSIGNEE) all right, title and interest for the United States, including its territories and possessions, and all countries, regions and territories foreign thereto in and to this invention relating to:
	Title of invention:
以下のうち少なくとも一つにチェックすること ロここに同時に署名された ロニに署名された ロニに提出された米国出願第 B ロニに提出された	ELASTOMER STRUCTURE CONTAINING CARBON NANOTUBES. AND METHOD FOR PRODUCING SAME as set forth in United States Patent
	Application
前記米国特許出願およびそのあらゆる米国仮出 願、本出願、分割出願または継続出願、ならび に、国際出願および広域出願を含む前記米国特 許出願の全部または一部に基づくあらゆる外国 出願、前記出顧または前記発明に対して付与さ	check one or more □ executed concurrently herewith □ executed on □ Serial No. filed on □ reciting priority to PCT/JP2014/060683 filed on April 15. 2014 in and to said United States Patent
れたまたは付与され得るあらゆる国におけるあらゆる特許証およびそのあらゆる再発行物または延長、ならびに、前記出願および/または特許のうち一つ以上の優先権について、米国およびその領土および所有地、ならびに、米国以外の全ての国、地域および領土における全ての権	Application including any and all United States provisional, non-provisional, divisional, or continuation applications thereof, any foreign applications, including international and regional applications,

1

益、権利および所有権を、上記特許証のいずれ もが付与され得る全期間の満了までそれにより 前記談受人、その継承者、法定代理人および譲 受人によって保持され享受されるように、すで に販売および譲渡し、および本書によりここに 販売および譲渡する;

以下に署名した各発明者は、本書に基づき、 ここに、上述したいかなる特許証も前記譲受 人、その継承者またはその譲受人に対して発行 することを、米国特許商標庁長官に対して権限 を与え要請する;

以下に署名した各発明者は、彼または彼女が ここに販売され穟穫される前配所有権を販売し 譲渡するための完全な妨害のない権利を有し、 彼または彼女がこれと抵触するいかなる文養ま たは法律文書にもこれまでに署名していないこ と、および今後も署名しないことを保証し誓約 する:

以下に署名した各発明者は、前記発明または 特許出願に関して彼または彼女が知る全ての情 報を前記譲受人、その継承者、法定代理人およ び譲受人に伝達するとともに、前記発明、前記 出願およびその分割および継続、ならびにそれ らに対して付与されるあらゆる特許証およびそ の再発行物または延長に対する前記譲受人、そ の承継者、法定代理人または譲受人の権利を完 全にするために、あるいは、前記譲受人、その 承継者、法定代理人または譲受人が前記発明に 対する米国特許証を取得し、再発行し、または 行使するのを支援するために、前記譲受人、そ の承継者、法定代理人または譲受人によって必 要または望ましいと見なされるいかなる文書に も署名し、いかなる正当な宣誓も行い、いかな る法的手続きにも証言し、その他のあらゆる合 法的行為も行うことをさらに誓約し同意する;

以下に署名した各発明者は、ここに法律事務 所 LOWE HAUPTMAN & HAM, LLP based in whole or in part on said United States Patent Application, in and to any and all letters patent of any country which have been or may be granted on any of the aforesaid applications or for said invention, including any and all reissues or extensions thereof, and in and to any rights of priority to one or more of the aforesaid applications and/or patents, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted;

Each of the undersigned hereby authorizes and requests the United States Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith;

Each of the undersigned warrants and covenants that he or she has the full and unencumbered right to sell and assign the interests herein sold and assigned and that he or she has not executed and will not execute any document or instrument and conflict herewith;

Each of the undersigned further covenants and agrees he or she will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him or her relating to said invention or patent application and that he or she will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions thereof, in said ASSIGNEE, its successors, or a assigns or

Case No	
商標庁の規則に従うために必要または望ましい 可能性のあるいかなる追加的な識別表示も本議	to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of LOWE HAUPTMAN & HAM, LLP

the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the United States Patent and Trademark office for recordation of this Assignment.

NAMI	ES AND SIGNATURES OF INVENTO	PRS
Name: Kenji HATA	Signature: B B	Date: 1/0
Name: Atsuko SEKIGUCHI	Signature: A P O A	3 Date: 7 / 18
Name:	Signature:	Date:
Name:	Signature:	Date:
Name:	Signature:	Date:
NAMES AN	ND SIGNATURES OF WITNESSES (C	Optional)
Name:	Signature;	Date:
Name:	Signature:	Date:

注記:任意的に、米国領事の前でまたは米国領事からの認可証によりその権限が証明された宣誓を施す認可を得た現地職員の前で本書を署名することにより、署名をしたことの一応の証拠が得られる。

Note: *Prima facie* evidence of execution optionally may be obtained by execution of this document before a United States Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a United States Consul.