#### 02/13/2018 504775715

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	

#### **CONVEYING PARTY DATA**

Name	Execution Date
TOSHIO KAZAMA	02/06/2018
NORIYOSHI KANEDA	02/06/2018
SHUN HIRAI	02/05/2018

### **RECEIVING PARTY DATA**

Name:	NHK SPRING CO., LTD.	
Street Address: 3-10, FUKUURA, KANAZAWA-KU		
City:	City: YOKOHAMA-SHI, KANAGAWA	
State/Country: JAPAN		
Postal Code:	236-0004	

### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15752401

### CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	1451345.702US9	
NAME OF SUBMITTER:	JAMES E. ARMSTRONG, IV	
SIGNATURE:	/James E. Armstrong, IV/	
DATE SIGNED:	02/13/2018	

**Total Attachments: 2** 

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> **PATENT** REEL: 044912 FRAME: 0303 504775715

# U.S. ASSIGNMENT

IN CONSIDERATION of the sum of One Inventor(s) (hereinafter, "ASSIGNOR") by (Insert Name(s) & Address(es) of ASSIGNEE(S)	Dollar (\$1.00), and of other good and valuable o	consideration paid to the undersigned
NHK SPRING CO., LTD.		
3-10, Fukuura, Kanazawa-ku, Yol	kohama-shi, Kanagawa 236-0004 Japa	an
(hereinafter, "ASSIGNEE"), the receipt of which ASSIGNEE the entire and exclusive right, title (Title of Invention)	ch is hereby acknowledged, the undersigned ASSIGN and interest to the invention entitled	IOR hereby sells, assigns and transfers to
FASTENING MEMBER AND RO	D-SHAPED MEMBER FOR FASTENII	NG MEMBER
relating to International Patent Application PC executed on even date herewith or, if not so exe	T/JP2016/075097 and/or for which application is cutted, was:	For Letters Patent of the United States was
(a) executed on	; (Insert date of execution of appl	ication, (f not concurrent)
(b) filed on /	Assignee's attorney is hereb	y authorized to insert in (b) the specified
substitute, reissue or reexamination application including any extensions thereof (collectively, in the ASSIGNOR agree(s), when requested the which the ASSIGNEE may deem necessary, defineluding in the preparation and prosecution of reexamination, or public use proceeding, and in acts to include but not be limited to executing a	of the United States granted on said application and based thereon, for the full term or terms for which the hereinafter, "said application(s) and Letters Patent(s) by said ASSIGNEE and without charge to but at the estirable or expedient, for securing, maintaining and estaid application(s) and the issuance of said Letters Fany litigation or other legal proceeding which may anall papers, including separate assignments and declar	said Letters Patent(s) may be granted and ").  expense of said ASSIGNEE, to do all acts inforcing protection for said invention, atent(s), in any interference, reissue, ise or be declared in relation to same, such
sworn testimony, and obtaining and producing  IN WITNESS WHEREOF, the undersigned	evidence. l inventor(s) has (have) affixed his/her/their signature	(s).
1) 風剛授果	Toshio KAZAMA (Type Name)	February 6. 20/8
(Signature)	Noriyoshi KANEDA	(Date)
2) (Signature)	(Type Name)	(Date)
3) FH 1/2 (Signature)	Shun HIRAI (Type Name)	February 5, 2018
4)(Signature)	(Type Name)	(Date)
5)(Signature)	(Type Name)	(Date)
6)(Signature)	(Type Name)	(Date)

# **U.S. ASSIGNMENT**

inventor(s) (herei	ATION of the sum of One nafter, "ASSIGNOR") by Address(es) of ASSIGNEE(S		and of other good and valual	ole consideration paid to the undersigned
NHK SPRING	G CO., LTD.			
3-10, Fukuur	a, Kanazawa-ku, Yo	kohama-shi,	Kanagawa 236-0004 J	apan
-				
	IGNEE"), the receipt of whi ire and exclusive right, title			IGNOR hereby sells, assigns and transfers to
FASTENING	MEMBER AND RO	D-SHAPED N	MEMBER FOR FASTE	NING MEMBER
relating to Internati executed on even d	onal Patent Application <u>PC</u> ate herewith or, if not so exe	T/JP2016/0750 ecuted, was:	097 and/or for which applicati	on for Letters Patent of the United States was
(a) executed on		<del>,</del>	(Insert date of execution of a	pplication, if not concurrent)
(b) filed on Serial No.	/		Assignee's attorney is he data, when known.	reby authorized to insert in (b) the specified
substitute, reissue o including any exten  The ASSIGNOF which the ASSIGN including in the pre reexamination, or p acts to include but 1	r reexamination application sions thereof (collectively, last tagree(s), when requested be EE may deem necessary, de paration and prosecution of ublic use proceeding, and in	based thereon, for hereinafter, "said a by said ASSIGNED sirable or expedie said application(s any litigation or o all papers, includin	the full term or terms for which application(s) and Letters Patent E and without charge to but at the strong maintaining and and the issuance of said Letter ther legal proceeding which may	nd any continuation, division, renewal, the said Letters Patent(s) may be granted and (s)").  the expense of said ASSIGNEE, to do all acts denforcing protection for said invention, s Patent(s), in any interference, reissue, arise or be declared in relation to same, such larations, taking all rightful oaths, providing
IN WITNESS W	/HEREOF, the undersigned	., .	ave) affixed his/her/their signat	ure(s).
1)	( Signature)	To	shio KAZAMA (Type Name)	M-4-1
2) 食田	.J	No	riyoshi KANEDA	(Date) 2018 , 2 , 6
	(Signature)		(Type Name) un HIRAI	(Date)
3)	(Signature)	4	(Type Name)	(Date)
4)	(Signature)		(Type Name)	(Date)
5)	(Signature)		(Type Name)	(Date)
6)	(Signature)	·····	(Type Name)	(Date)

1/1

PATENT REEL: 044912 FRAME: 0305