504590735 10/12/2017

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:NEW ASSIGNMENTNATURE OF CONVEYANCE:ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date	
YUU ICHITSUKA	07/27/2017	
YUJI MORI	08/25/2017	

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15688570

CORRESPONDENCE DATA

Fax Number:

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: 2123194900

Email: tmcdonald@hhpatent.com

Correspondent Name: HOLTZ, HOLTZ & VOLEK PC

Address Line 1: 630 NINTH AVE
Address Line 2: SUITE 1010

Address Line 4: NEW YORK, NEW YORK 10036

ATTORNEY DOCKET NUMBER: 17344

NAME OF SUBMITTER: TAYLER MCDONALD

SIGNATURE: /Tayler McDonald/

DATE SIGNED: 10/12/2017

Total Attachments: 2

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PATENT 504590735 REEL: 043848 FRAME: 0844

In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

DEVICE FOR MANUFACTURING COLL SPRING AND METHOD FOR MANUFACTURING COLL SPRING

have sold and assigned and do hereby sell and assign to NHK SPRING CO., LTD. a Japanese corporation, having a business address at 3-10, Fukuura, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)	[]	executed concurrently herewith			
	[X]	executed on Application No. 15/688,570	; , filed	August 28,	2017

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Holtz, Holtz & Volek PC, 630, 9th Avenue, Suite 1010, New York, NY 10036-3744

PATENT REEL: 043848 FRAME: 0845 [1st Inventor]
Residence Address: Yokohama-shi, Japan
Mailing Address: c/o NHK SPRING CO., LTD., 3-10, Fukuura, Kanazawa-ku, Yokohama-shi, Kanagawa
236-0004 Japan
Citizenship: Japan

Yuu Ichitsuka

[2nd Inventor]
Residence Address: Yokohama-shi, Japan
Mailing Address: c/o NHK SPRING CO., LTD., 3-10, Fukuura, Kanazawa-ku, Yokohama-shi, Kanagawa
236-0004 Japan
Citizenship: Japan

PATENT REEL: 043848 FRAME: 0846

RECORDED: 10/12/2017

Juji. Mori