

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT	
NATURE OF CONVEYANCE:	ASSIGNMENT	
CONVEYING PARTY DATA		
Name		Execution Date
Shigeru KURODA		12/16/2013
RECEIVING PARTY DATA		
Name:	NHK SPRING CO., LTD.	
Street Address:	10, Fukuura 3-chome	
Internal Address:	Kanazawa-ku	
City:	Yokohama-shi, Kanagawa	
State/Country:	JAPAN	
Postal Code:	236-0004	
PROPERTY NUMBERS Total: 1		
Property Type	Number	
Application Number:	14127768	
CORRESPONDENCE DATA		
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Correspondent Name:	AARON L. WEBB	
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ATTORNEY DOCKET NUMBER:	159941	
NAME OF SUBMITTER:	CAMERON ROGERS	
Signature:	/Cameron Rogers/ for Aaron L. Webb	
Date:	12/19/2013	
Total Attachments: 1 source=159941_assignment#page1.tif		

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ASSIGNMENT

(1-8) Insert Name(s) of Inventor(s) (1) Shigeru KURODA (5) (2) (6) (3) (7) (4) (8)

In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, each undersigned agrees to assign, and hereby does assign, transfer and set over to

(9) Insert Name of Assignee (9) NHK SPRING CO., LTD. (10) Insert Address of Assignee (10) 10, Fukuura 3-chome, Kanazawa-ku, Yokohama-shi, Kanagawa 236-0004 JAPAN

(hereinafter designated as the Assignee) and Assignee's heirs, successors, assigns and legal representatives, the entire right, title and interest for the United States of America as defined in 35 U.S.C. §100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, confirmation, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as

(11) Insert Identification such as Title, Case Number, or Foreign Application Number (11) PCT/JP2012/060403 (Attorney Docket No. 159941)

for which the undersigned has (have) executed an application for patent in the United States of America on even date herewith or

(12) Insert Date of Signing of Application (12) on

(13) Alternative Identification for filed applications (13) U.S. application Serial Number 14/127,768 filed December 19, 2013

- 1) Each undersigned agrees to execute all papers necessary in connection with any application and any continuing, divisional or reissue applications for the invention, and any patent(s) issuing thereon, and also to execute separate assignments in connection with such applications and patents as the Assignee may deem necessary.
2) Each undersigned agrees to execute all papers necessary in connection with any interference which may be declared concerning any application or continuation or division thereof, or any patent or reissue application based thereon, for the invention, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference.
3) Each undersigned agrees to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.
4) Each undersigned agrees to perform all affirmative acts which may be necessary to obtain, maintain or confirm by reissue or reexamination a grant of a valid United States patent to the Assignee.
5) Each undersigned authorizes and requests the Commissioner of the U.S. Patent and Trademark Office to issue any and all Letters Patents of the United States resulting from said application(s) to the said Assignee, as Assignee of the entire interest, and covenants that he has full right to convey the entire interest herein assigned, and that he has not executed, and will not execute, any agreements in conflict herewith, and agrees that this assignment is binding on him and his heirs, successors, assigns and legal representatives.
6) Each undersigned hereby grants the firm of OLIFF & BERRIDGE, PLC the power to insert on this assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

In witness whereof, executed by the undersigned on the date(s) opposite the undersigned name(s).

Date December 16, 2013 Inventor Signature Shigeru Kuroda (SEAL)
Date Inventor Signature (SEAL)
Date Inventor Signature (SEAL)
Date Inventor Signature (SEAL)
Date Inventor Signature (SEAL)
Date Inventor Signature (SEAL)

This assignment should preferably 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 be signed before at least two witnesses who also sign here:

Date December 16, 2013 Witness Jun Tsutsumi
Date December 16, 2013 Witness Shigeki Ishikawa

PATENT