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**PATENTS ONLY**U.S. PTO  
12/584627  
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Patents and Trademarks: Please record the attached original documents or copy thereof.

9-8-09

## 1. Name of conveying party(ies):

1. Osamu OKAWARA
2. Toshiki ANDO
3. Naoki MORIYA

Additional name(s) of conveying party(ies) attached? Yes [ ] No [X]

## 3. Nature of conveyance/Execution Date(s):

Execution Date(s) 1. July 22, 2009 2. July 22, 2009  
3. July 27, 2009

- [X] Assignment [ ] Merger  
[ ] Security Agreement [ ] Change of Name  
[ ] Joint Research Agreement [ ] Other  
[ ] Government Interest Assignment  
[ ] Executive Order 9424, Confirmatory License

## 2. Name and address of receiving party(ies):

Name: NHK SPRING CO., LTD.

Internal Address:

Street Address: 3-10, Fukuura, Kanazawa-ku  
Yokohama-shi, Kanagawa, 236-0004, Japan

Additional name(s) &amp; address(es) attached? [ ] Yes [X] No

## 4. Application or patent number(s): [X] This document is being filed together with a new application September 8, 2009

## A. Patent Application No.(s)

12584627

## B. Patent No.(s)

Additional numbers attached? [ ] Yes [X] No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

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## 6. Total number of applications and patents involved:



## 7. Total fee (37 CFR 1.21(h) &amp; 3.41).....\$40.00

- [X] Authorized to be charged by credit card  
[ ] Authorized to be charged to deposit account  
[ ] Enclosed  
[ ] None required (government interest not affecting title)

## 8. Payment Information

a. Credit Card Last 4 Numbers 1025

Expiration Date December 2009

b. Deposit Account Number

Authorized User Name: C. Bruce Hamburg, Esq.

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## 9. Statement and signature.

C. Bruce Hamburg, Esq.  
Name of Person Signing

Signature

September 8, 2009  
Date

Total number of pages including cover sheet, attachments and documents:

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PATENT  
REEL: 023249 FRAME: 0828

## ASSIGNMENT

For value received, I/we, Osamu Okawara, Toshiki Ando and Naoki Moriya residing respectively at c/o NHK SPRING CO., LTD., 4056, Aza-sakuradai, Nakatsu, Aikawa-machi, Aikoh-gun Kanagawa 243-0303 Japan hereby sell, assign, and transfer to NHK SPRING CO., LTD. a corporation existing under the laws of Japan located at 3-10, Fukuura, Kanazawa-Ku, Yokohama, Kanagawa 236-0004 Japan and its successors, assigns, and legal representatives, the entire right, title, and interest for all countries including the United States of America, in and to certain inventions relating to **ELECTRICAL CONNECTING STRUCTURE FOR PIEZOELECTRIC ELEMENT, PIEZOELECTRIC ACTUATOR, HEAD SUSPENSION, AND ELECTRICAL CONNECTING STRUCTURE FOR CONDUCTIVE PART** described in an application for Letters Patent of the United States, executed by me/us on this date, and all patents which may be granted therefor, and all divisions, reissues, continuations and extensions thereof, and authorize and request the Commissioner of Patents and Trademarks to issue all patents on said improvements or resulting therefrom to said Company as assignee of the entire interest, and covenant that I/we have full right so to do, and agree that I/we will communicate to said Company or its representatives any facts known to me/us respecting said improvements and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said Company, its successors, assigns, and nominees, to obtain and enforce proper protection for said invention in the United States.

Signature 大河原 収  
Osamu Okawara

Date 2009/7/22

Signature 宇阪 利樹  
Toshiki Ando

Date 2009/7/22

Signature 守谷 直樹  
Naoki Moriya

Date 2009/7/27