

**PATENT**

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In the **PATENT APPLICATION** of:

Naoki KOBAYASHI et al.

**Application No.:** Not Yet Known

**Filed:** Herewith

**For:** PIEZOELECTRIC ACTUATOR,  
LIQUID DISCHARGE HEAD, AND  
RECORDING DEVICE

**Group:** Not Yet Known

**Examiner:** Not Yet Known

**Our File:** BUNKYO-PT030

**Date:** August 30, 2013

**PRELIMINARY AMENDMENT**

Mail Stop PCT (Via EFS)  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Prior to examination, and the calculation of fees, please amend the application without prejudice or disclaimer as follows: