

United States of America



The Director

of the United States Patent and Trademark Office has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this United States

Patent

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Andrew Iannone
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE



(12) **United States Patent**
Sugita

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(54) **VIBRATION CONTROL PAD**
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52/167.1-167.7; 267/136, 152, 153;
248/632-638
See application file for complete search history.

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

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(57) **ABSTRACT**
A vibration control pad (5) comprises a gel elastic body (7) made of an elastic-viscous material and heavy-object support members (8) embedded in the gel elastic body (7). A protrusion (11) is formed only on either the top or bottom surface of the gel elastic body (7) or formed on each of the top and bottom surfaces of the gel elastic body (7) in such a manner as to cover part of the support bodies (8). The protrusion (11) securely contains the support bodies (8) in the gel elastic body (7) to prevent the support bodies (8) from being detached or separated from the gel elastic body (7) when the vibration control pad (5) is taken out of its packaging member for use.

(52) **U.S. Cl.**
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