### Apple Inc. (Petitioner) v. Masimo Corporation (Patent Owner)

**Petitioner Demonstratives** 

Case Nos. IPR2021-00193, -00195, -00208, -00209 U.S. Patent Nos. 10,299,708; 10,376,190; 10,258,266; 10,376,191 Before Hon. Josiah C. Cocks, Robert L. Kinder, Amanda F. Wieker Administrative Patent Judges

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# Issue 1

# Implementing a Cover with a Protruding Convex Surface

Case Nos. IPR2021-00193, -00195, -00208, -00209 U.S. Patent Nos. 10,299,708; 10,376,190; 10,258,266; 10,376,191

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### **Multiple Benefits of Combining the References**

#### Dr. Kenny's Second Declaration

A. Inokawa's lens enhances the light-gathering ability of Aizawa 7. As I previously explained in the Original Declaration, Inokawa *very generally* describes a "lens [that] makes it possible to increase the light-gathering ability" of a reflectance type pulse sensor, APPLE-1008, [0015], [0058], FIG. 2, and, based on this disclosure, a POSITA would have been motivated to incorporate "an Inokawalike lens into the cover of Aizawa to increase the light collection efficiency...." APPLE-1003, ¶84-88. In a significant extrapolation from the very simple and

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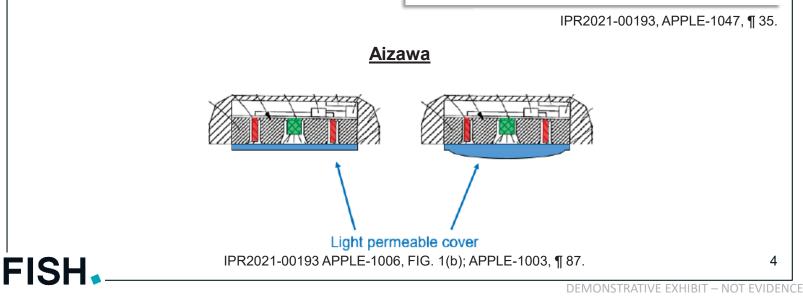
IPR2021-00193, APPLE-1047, ¶ 7.

B. It would have been obvious to modify Aizawa in view of Ohsaki to include a convex protrusion

35. As explained in my Original Declaration, "Ohsaki teaches that adding a convex surface...can help prevent the device from slipping on the tissue of the wearer compared to using a flat cover without such protrusion" and that "a POSITA seeking to achieve improved adhesion between the detector and the skin, as expressly recognized in Aizawa, would have been motivated and readily able to modify Aizawa's acrylic plate to have a convex shape as in Ohsaki." APPLE-1003, ¶125-

Azawa's acryne plate to have a convex shape as in Onsaki. AFFEE-1005,

126 (citing to APPLE-1014, [0025]; APPLE-1006, [0026], [0030]).



# **Issue 1A**

# The Cover's Protruding Convex Surface would Enhance Light-Gathering Ability

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