

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

**FISH.**

DEMONSTRATIVE EXHIBIT – NOT EVIDENCE

# Table of Contents

Issue 1: Implementing a Cover with a Protruding Convex Surface	3
1A: The Cover's Protruding Convex Surface would Enhance Light Gathering Ability	5
1B: The Cover's Protruding Convex Surface would Improve Adhesion and Signal Strength	24
Issue 2: Adding a Second Emitter to Aizawa	35
Issue 3: Circular/Cylindrical Housing	43
Overview of the Challenged Patents	45
Overview of the Instituted Grounds	54

# 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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3

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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 Inokawa-like 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

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, ¶¶125-126 (citing to APPLE-1014, [0025]; APPLE-1006, [0026], [0030]).

IPR2021-00193, APPLE-1047, ¶ 35.

### Aizawa



Light permeable cover

IPR2021-00193 APPLE-1006, FIG. 1(b); APPLE-1003, ¶ 87.

4

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# Issue 1A

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

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5

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