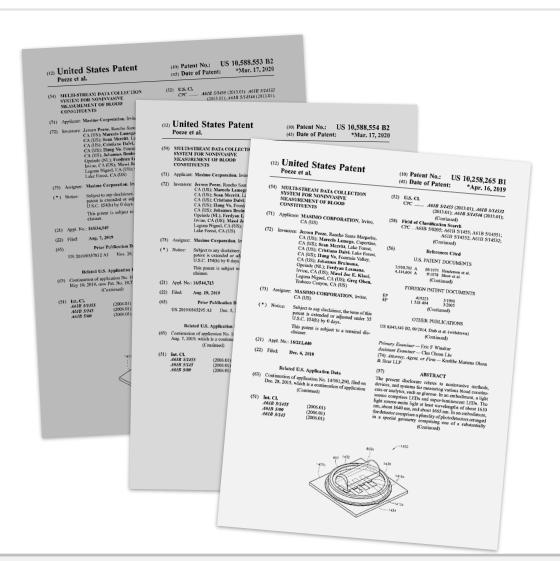
Patent Owner Masimo Co Demonstratives For Tria

December 7, 2021

Apple Inc. v. Masimo Corporation IPR2020-01520 (Patent 10,258,265) IPR2020-01536 (Patent 10,588,553) IPR2020-01537 (Patent 10,588,553) IPR2020-01538 (Patent 10,588,554)



Patents-At-Issue



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'554 Patent Claim 1

- 1. A physiological measurement system comprising:
- a physiological sensor device comprising:
 - a plurality of emitters configured to emit light into tissue of a user;
 - at least four detectors, wherein each of the at least four detectors has a corresponding window that allows light to pass through to the detector;
 - a wall that surrounds at least the at least four detectors; and
 - a cover that operably connects to the wall and that is configured to be located between tissue of the user and the at least four detectors when the physiological sensor device is worn by the user, wherein:
 - the cover comprises a single protruding convex surface, and
 - at least a portion of the cover is sufficiently rigid to cause tissue of the user to conform to at least a portion of a shape of the single protruding convex surface when the physiological sensor device is worn by the user; and

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'554 Patent Claims 11, 1

- 11. The physiological measurement syswherein the single protruding convex such eight between 1 millimeter and 3 millimeter.
- 17. The physiological measurement syswherein the single protruding convex subheight greater than 2 millimeters and less the
- 28. The physiological measurement sys wherein the single protruding convex sur height greater than 2 millimeters and less than 2 millimeters.



'553 Patent Claim 1

- 1. A noninvasive optical physiological sensor of
- a plurality of emitters configured to emit light of a user;
- at least four detectors, wherein at least one of four detectors is configured to detect light the attenuated by tissue of the user, and wherein four detectors are arranged on a substrate;
- a wall configured to circumscribe at least the a detectors; and
- and the at least four detectors when the respective optical physiological sensor is worn by wherein the cover comprises a single protective surface operable to conform tissue of the least a portion of the single protruding conform the noninvasive optical physiological worn by the user, and wherein the wall connects to the substrate and the cover.



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