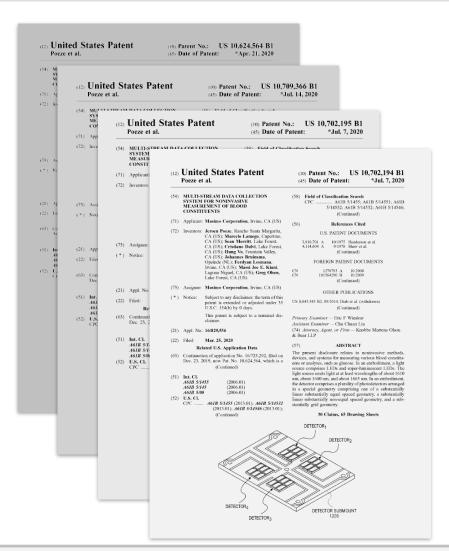
Patent Owner Masimo Co Demonstratives For Tria

February 9, 2022

Apple Inc. v. Masimo Corporation IPR2020-01716 (Patent 10,702,194) IPR2020-01733 (Patent 10,702,195) IPR2020-01737 (Patent 10,709,366) IPR2020-01713 (Patent 10,624,564)



Patents-At-Issue



- ⊙ U.S. Pa
 - · IPR2
- U.S. P
 - · IPR2
- - · IPR2
- O U.S. P
 - · IPR2



'194 Patent Claim 1

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1. A physiological measurement system comprising:
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a physiological sensor device comprising: one or more emitters configured to emit light into tissue

of a user;

a first set of photodiodes, wherein:

the first set of photodiodes comprises at least four photodiodes,

the photodiodes of the first set of photodiodes are connected to one another in parallel to provide a first signal stream, and

each of the photodiodes of the first set of photodiodes has a corresponding window that allows light to pass through to the photodiode;

a second set of photodiodes, wherein:

the second set of photodiodes comprises at least four photodiodes,

the photodiodes of the second set of photodiodes are connected to one another in parallel to provide a second signal stream, and

each of the photodiodes of the second set of photodiodes has a corresponding window that allows light to pass through to the photodiode;

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'194 Patent Claims 13, 1

- 13. The physiological measurement sy wherein the protruding convex surface p between 1 millimeter and 3 millimeters.
- 17. The physiological measurement sy wherein the protruding convex surface parties than 2 millimeters and less than
- **29**. The physiological measurement syswherein the protruding convex surface progreater than 2 millimeters and less than 3



'195 Patent Claim 1

 A user-worn physiological measurement device that defines a plurality of optical paths, the physiological measurement device comprising:

one or more emitters configured to emit light into tissue of a user;

a first set of photodiodes positioned on a first surface and surrounded by a wall that is operably connected to the first surface, wherein:

the first set of photodiodes comprises at least four photodiodes, and

the photodiodes of the first set of photodiodes are connected to one another in parallel to provide a first signal stream;

a second set of photodiodes positioned on the first surface and surrounded by the wall, wherein:

the second set of photodiodes comprises at least four photodiodes, and

the photodiodes of the second set of photodiodes are connected to one another in parallel to provide a second signal stream; and a cover located protruding of between tiss of photodio device is wo wherein the ph plurality of paths: exits an emi passes throu passes throu and arrives at a c of the first sponding ph ted by the correspondi paths and af

user.



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