

Folded Horn Acoustic Guitar Patent # 10,777,172

(12) **United States Patent**
Katzenberger

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(54) **FOLDED HORN ACOUSTIC GUITAR**

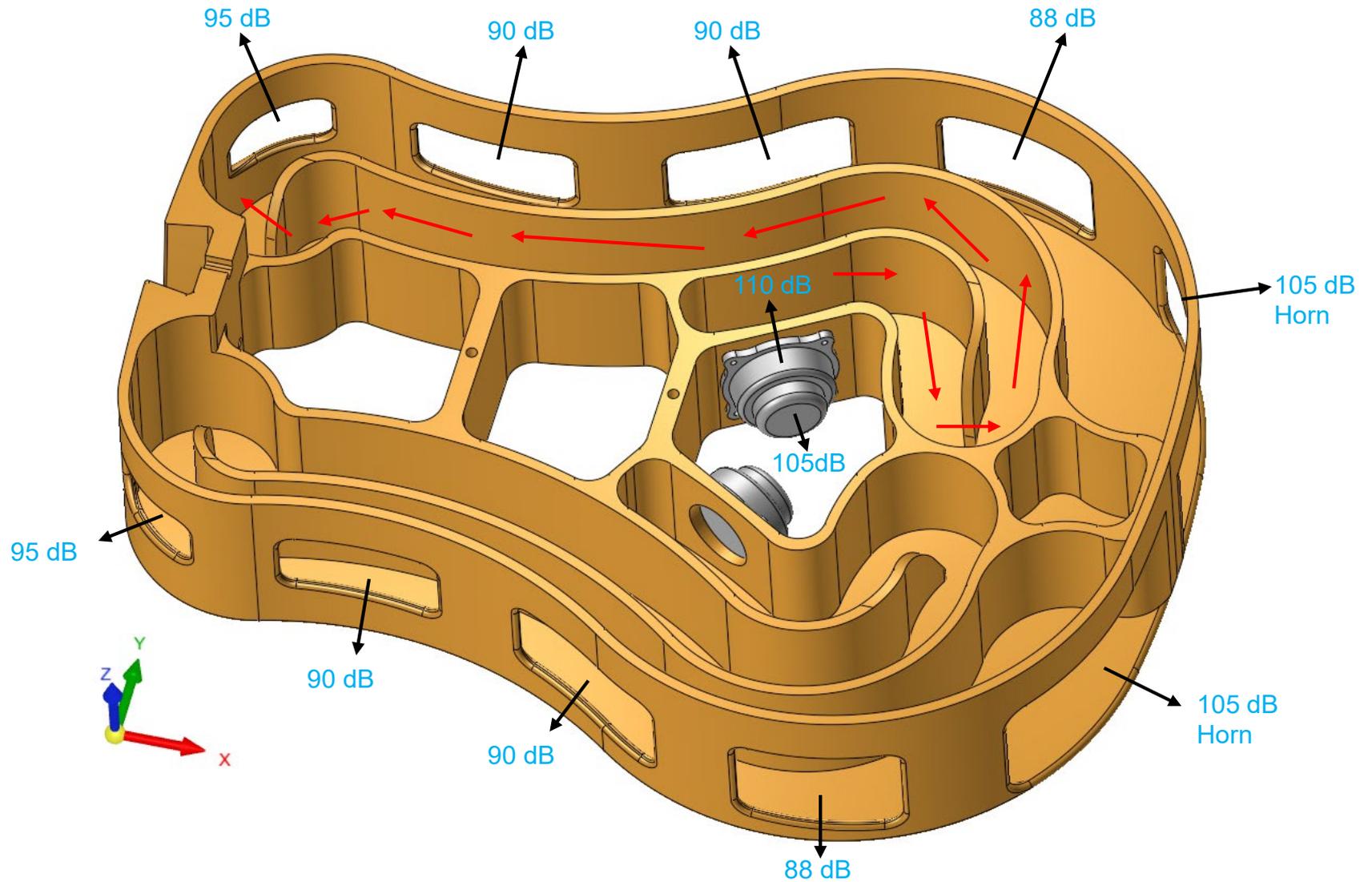
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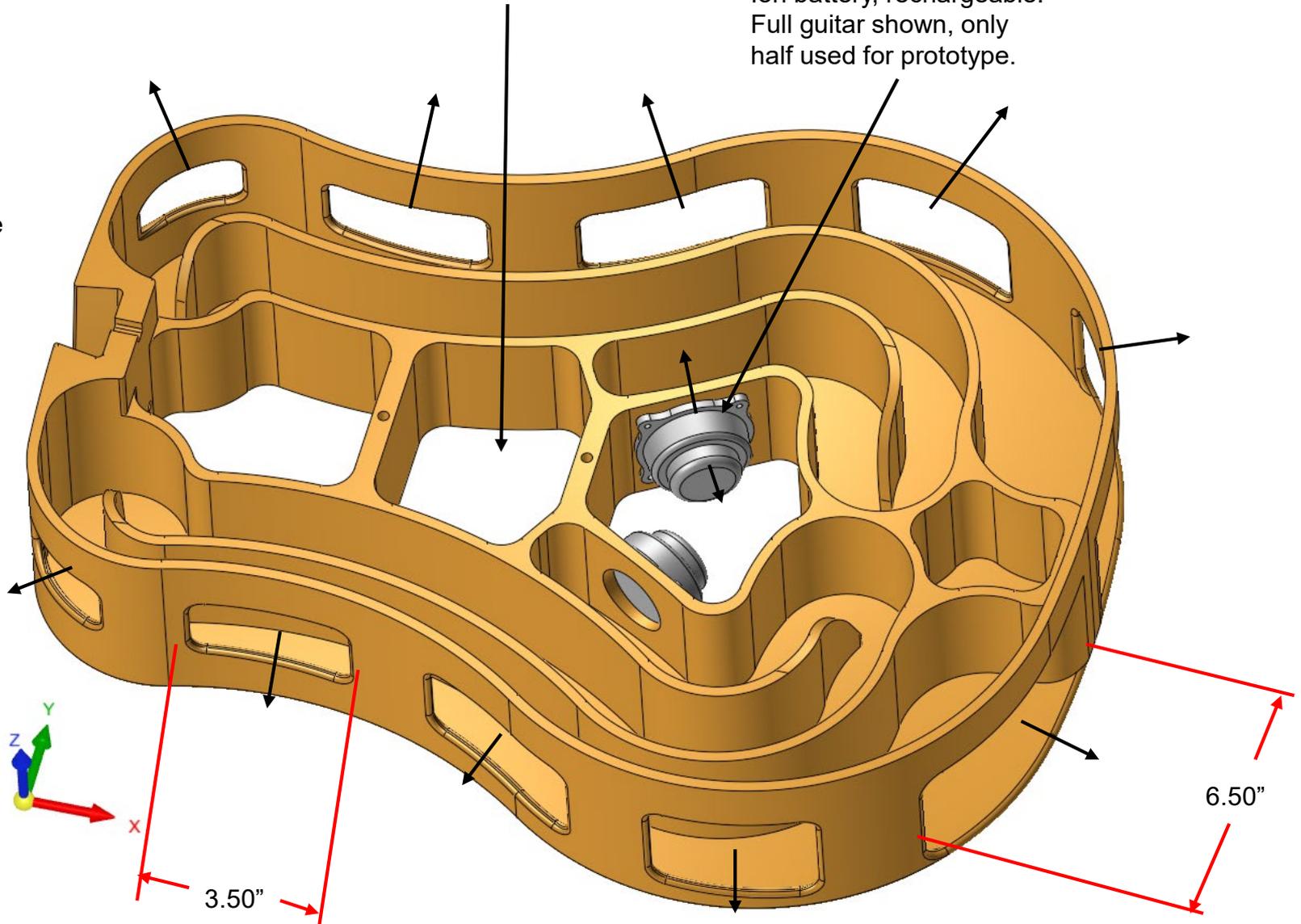


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iPhone 7 playing Little Martha at close to highest level.

5 watt speakers. Lithium Ion battery, rechargeable. Full guitar shown, only half used for prototype.

dB level from previous page based on these prototype components.



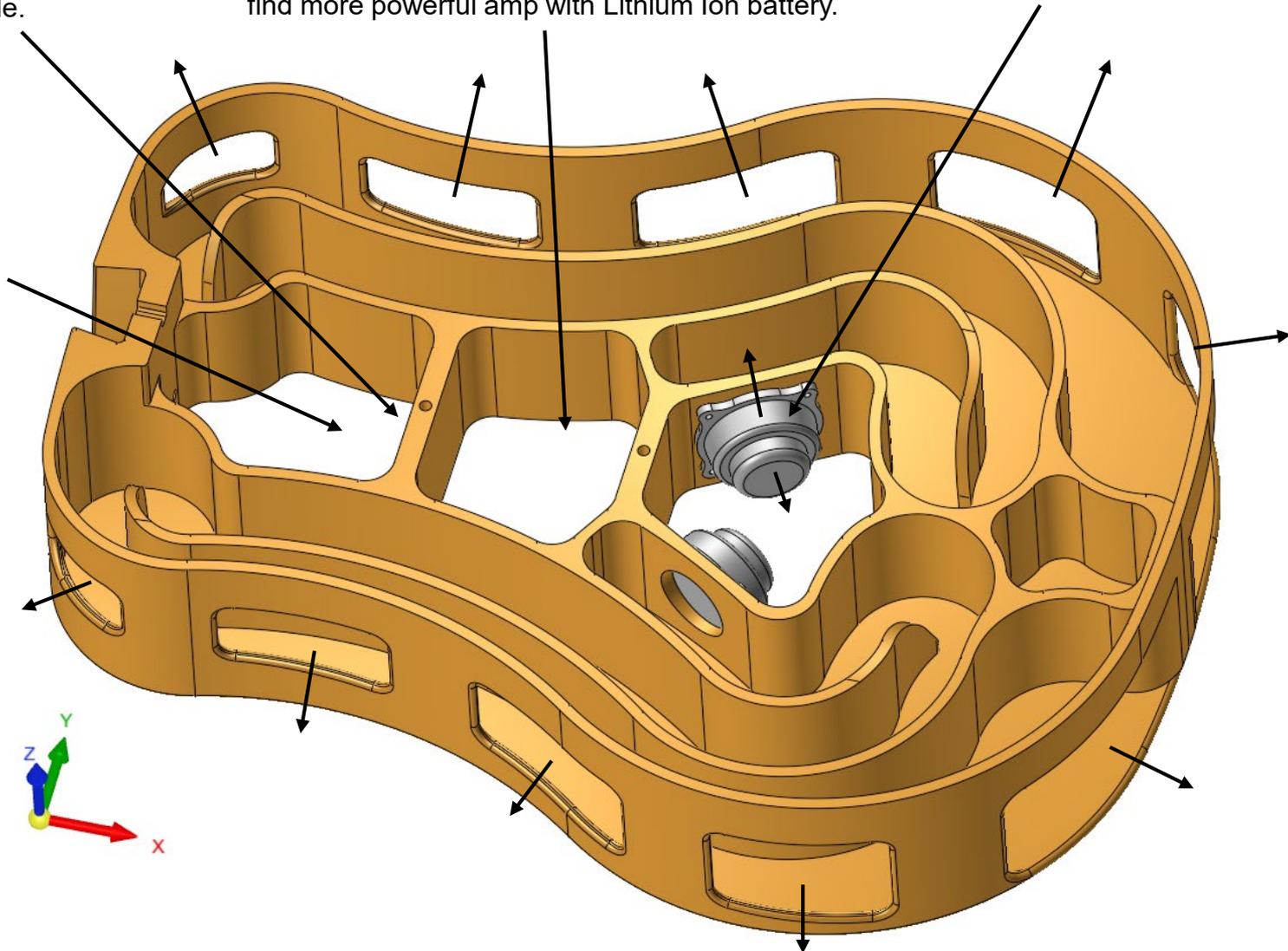
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Battery powered 3 watt mini and 5 watt mini amp available. Not enough power. 50 watt small amp available, but needs to plug in. Need to find more powerful amp with Lithium Ion battery.

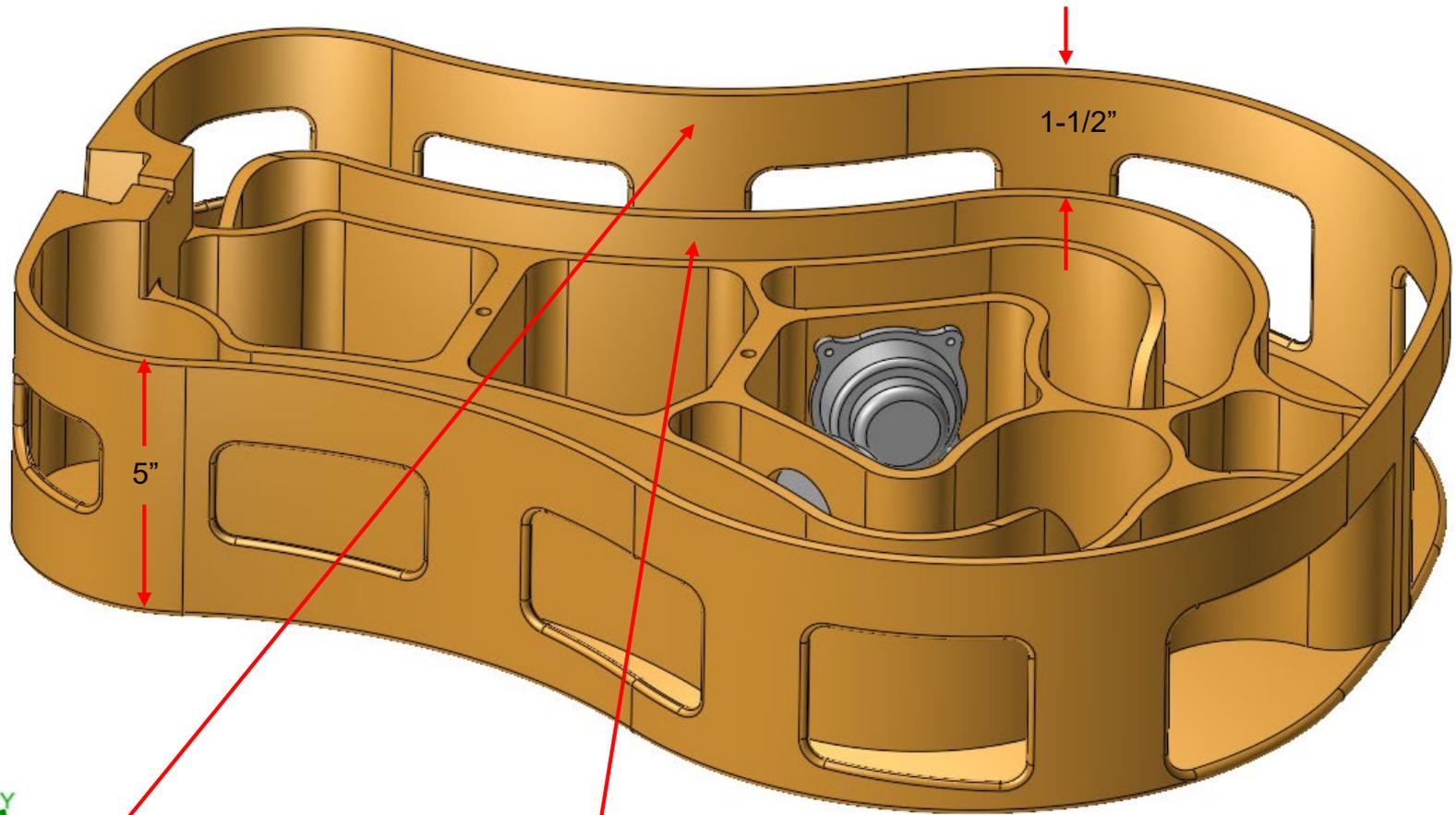
20 watt speakers also available.

iRig acoustic condenser mic available.

Equalizer required.



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Note that dB level down inside the folded horn is approx. 10 dB higher than any area above the folded horn.

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Two 3" pieces of hard maple glued and clamped.