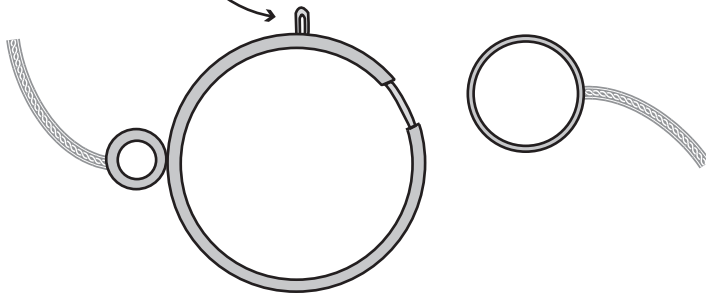


Widget to be Improved: A Necklace Clasp

related widgets:
• door knob
• key chain
• safeties on grill lighters

faulty widget: latch of a necklace clasp

- no indication of which way to slide it when user can't see it
- too small for a finger to easily open
- fingernails that are too long also can't open

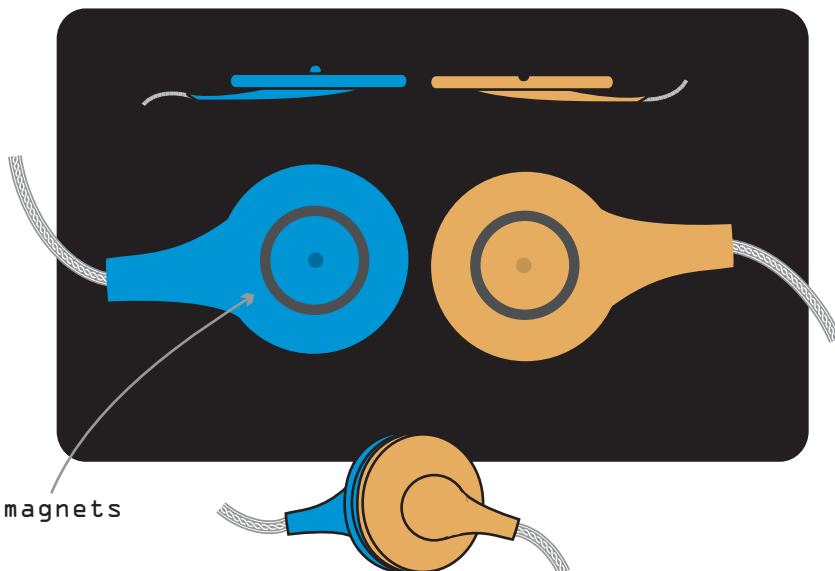


- then the user must put a very small ring through the hole in the other ring while holding the latch open

this makes a bad widget and an even worse mechanism which must be operated blind

there is also no way of telling whether or not the necklace is frontwards or backwards and no recognition that the clasp has been joined correctly and that the latch should be shut

new widget: magnetic snap necklace clasp



Directions: Users simply grasp each piece, put around neck, and snap ends together.

Benefits:

- snap itself provides tactile cues to give the user some directional information
- provides audible snap to confirm latching
- colors allow the user to easily remember which color goes right & left so they can tell which combination puts the necklace on correctly
- colors also make the clasp part of the jewelry so that it is more fun as well as more practical