

Patent Search

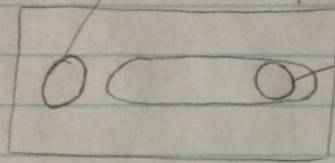
For our invention, my group and I decided to innovate door knobs or locks. These new knobs have sliding and pulling locks that help close the door effectively. We had to do a patent search to see if there were already inventions of the idea we had. When I searched on Google Patent, there weren't patents that matched our idea. All the door ideas that were already taken had rolling doors, but our idea is for normal doors that are everywhere. There is one patent that was close to ours. It's a knob that also has a sliding mechanism but the rest of the design is different to ours. There are different types of locks for doors but those designs don't match our design. There are different accessories for knobs like knob covers but there is no design out there that is the same as ours.

Design Drawings

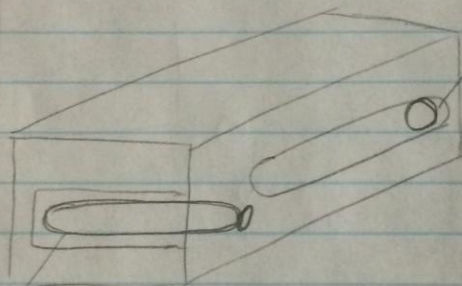
Tina Yetukuri

Door knob

knob you can pull out
and push in.



slider that goes left
and right.



moves
in and
out. Space
in the box.

The sliding of
this combined
with the in
and out of
the other knob
effectively locks
door.

This whole can be attached to a door
than having to get a new door.

★ still in the process of designing this
product.