

Skipt-Doctor Control Redesign

by Paul Tanner

The device resurfaces disks:
User turns handle.
Buffer wheel buffs scratches out of disk.
Disk spins slowly, so the buffer wheel can resurface the whole disk.



Problem:

Often times the disk must be buffed several times to get scratches out, and there's no way to know how many rotations the disk has made.

Solution #1:

Mark the gear so the user can count the rotations.



Problem solved, but we can do even better:



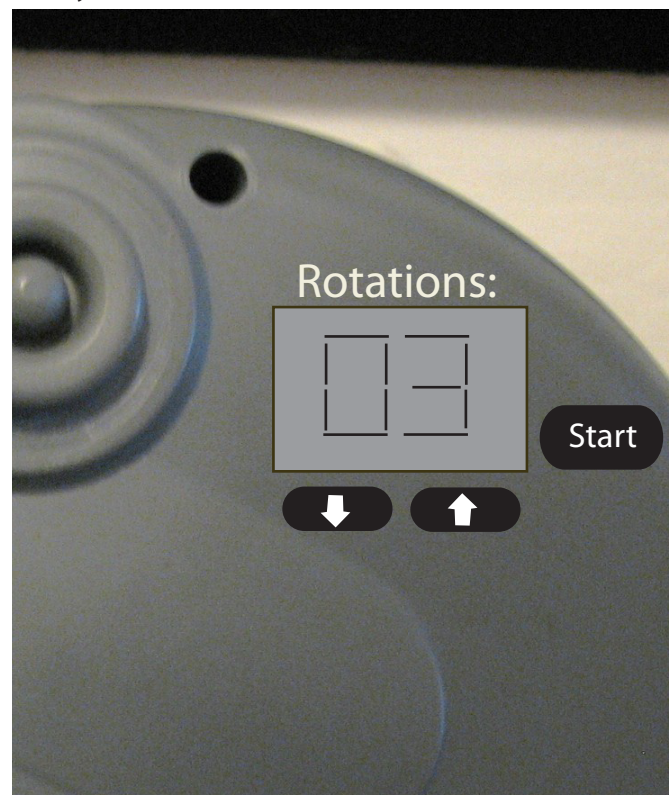
Solution #2:

Add a small LCD screen to count the rotations.

Solution #3:

Replace the crank with an electric motor. Now the user's arm won't get tired!

Small buttons the user to select how many times to rotate the disk.



Controls are now similar to:



My printer



My Television



My Air Conditioner