

Virtual Lock

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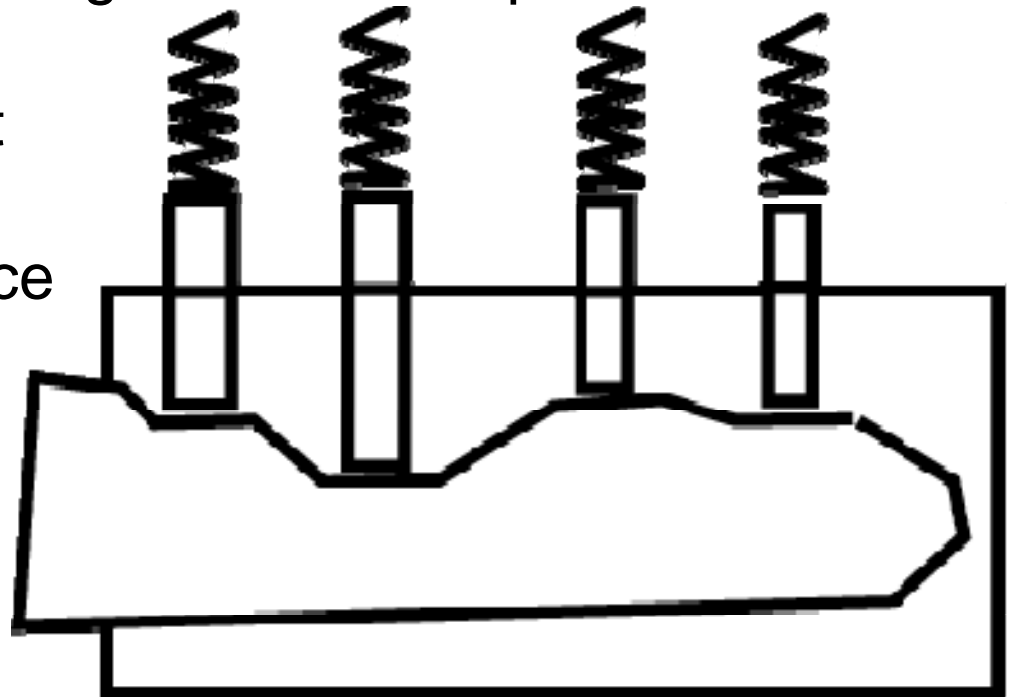
Courtney Parsons



Haptic Lock Picking Simulation

Sensations that are needed to mimic:

- Feel the key entry way
- Feel sensation of entering the lock with pick
- Feel pin locations
- Feel pin displacement
- Feel the pin engage
- Feel cylinder resistance



Implementation

- Phantom Omni
 - Pin sensation
 - Key entry
- Design feedback for wrench
 - Cylinder Motion

