



A Therapeutic Companion



WHEN
1 IN 3 SENIORS



WITH HAVE ALZHEIMER'S OR ANOTHER DEMENTIA

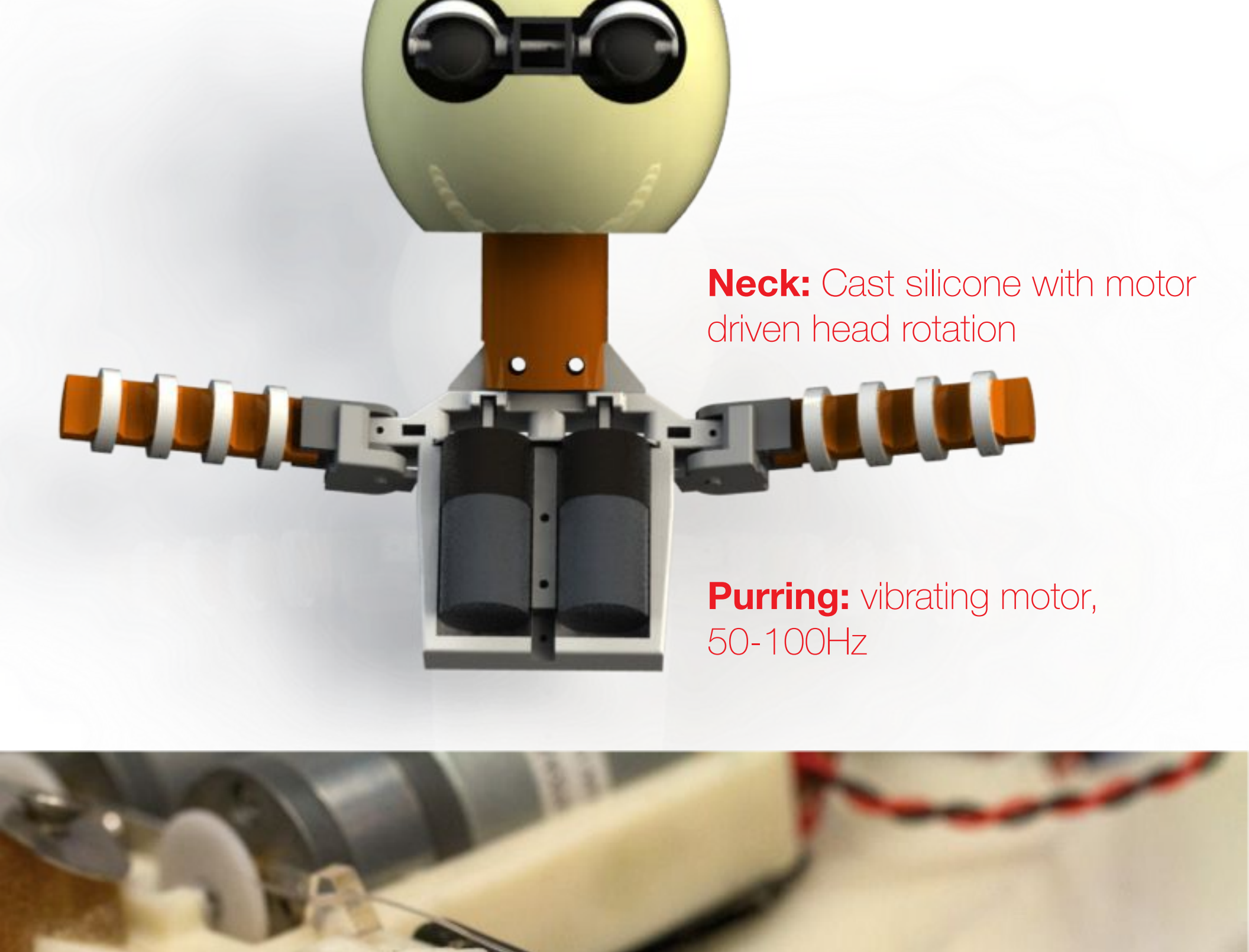
We decided we needed to make something for the people we



Ollie helps reduce:

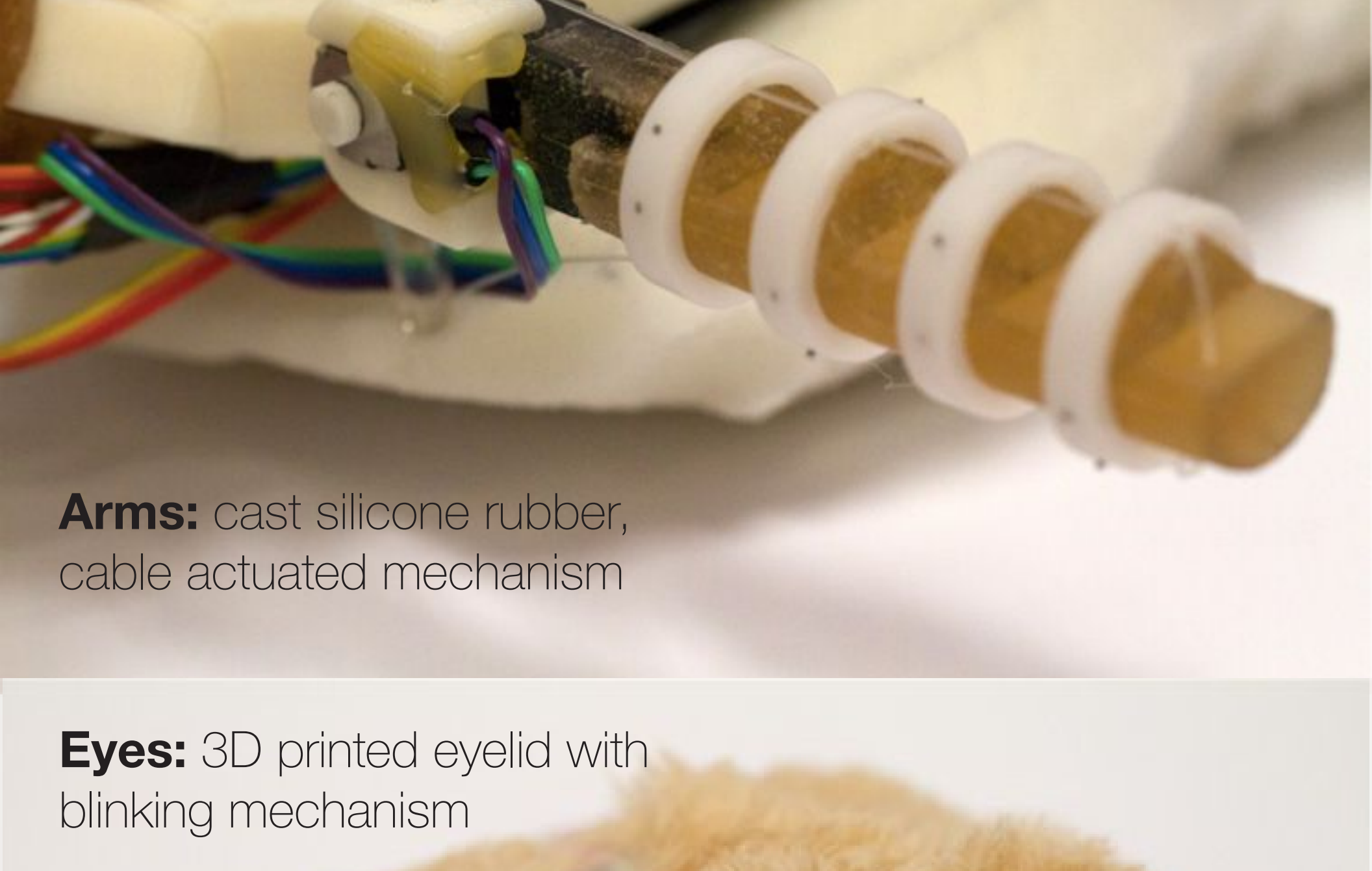
- stress and agitation
- isolation
- touch deprivation

Mechanical

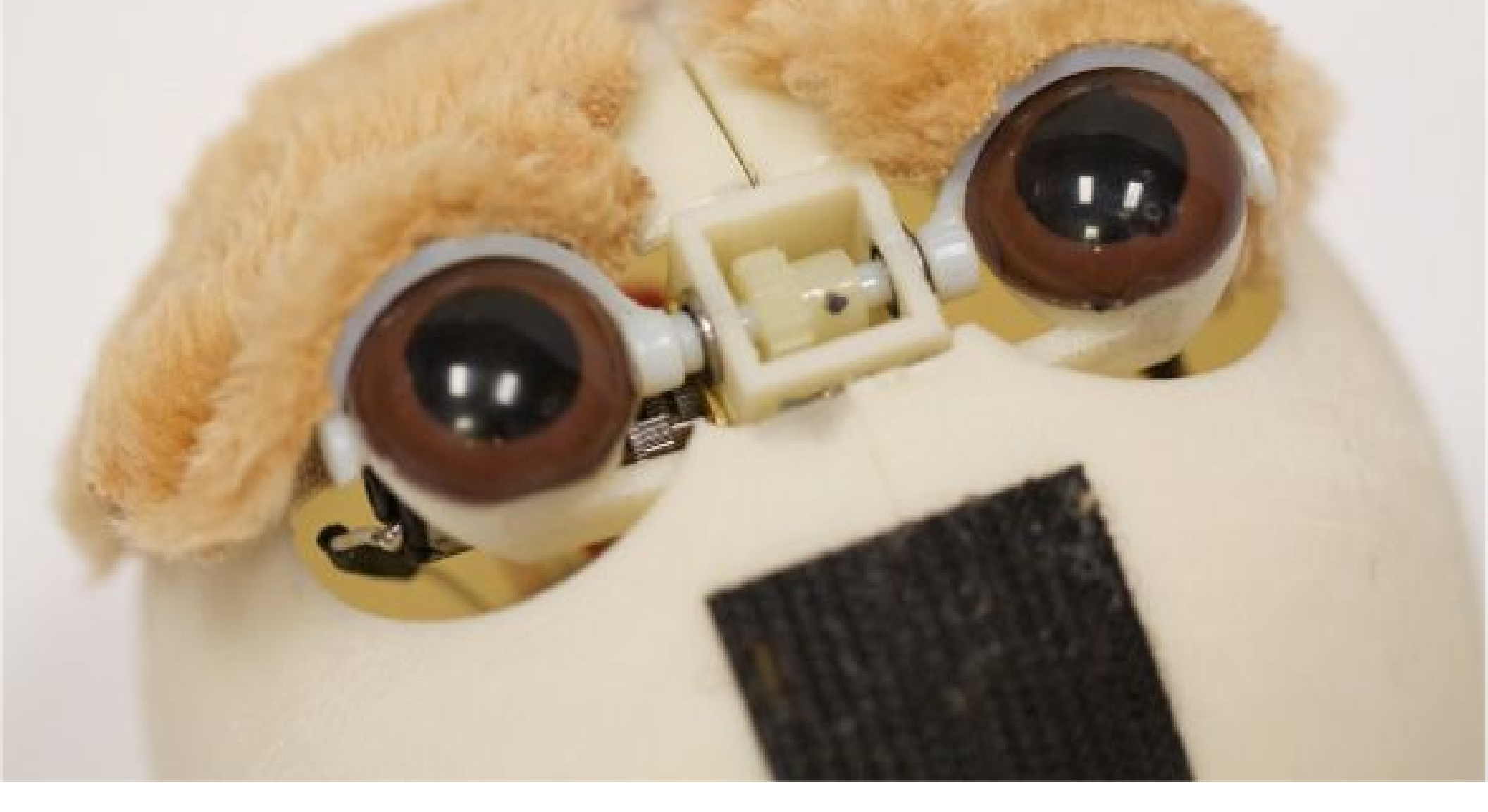


Neck: Cast silicone with motor driven head rotation

Purring: vibrating motor, 50-100Hz



Arms: cast silicone rubber, cable actuated mechanism

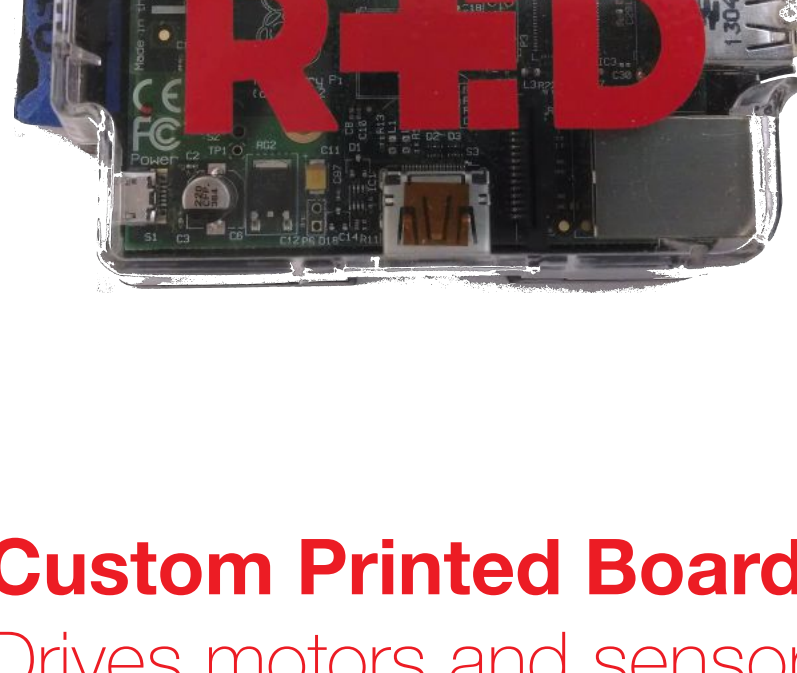


Eyes: 3D printed eyelid with blinking mechanism

Electrical

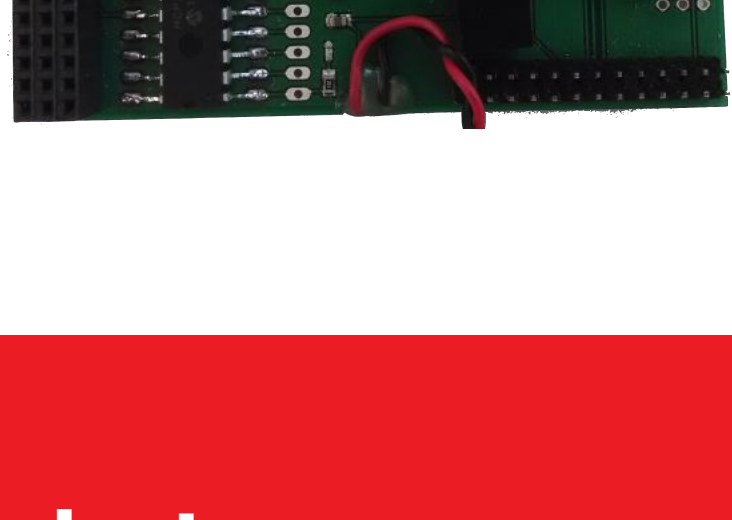
Raspberry Pi: brain that determines behaviour

Audio: speaker used for audio interaction

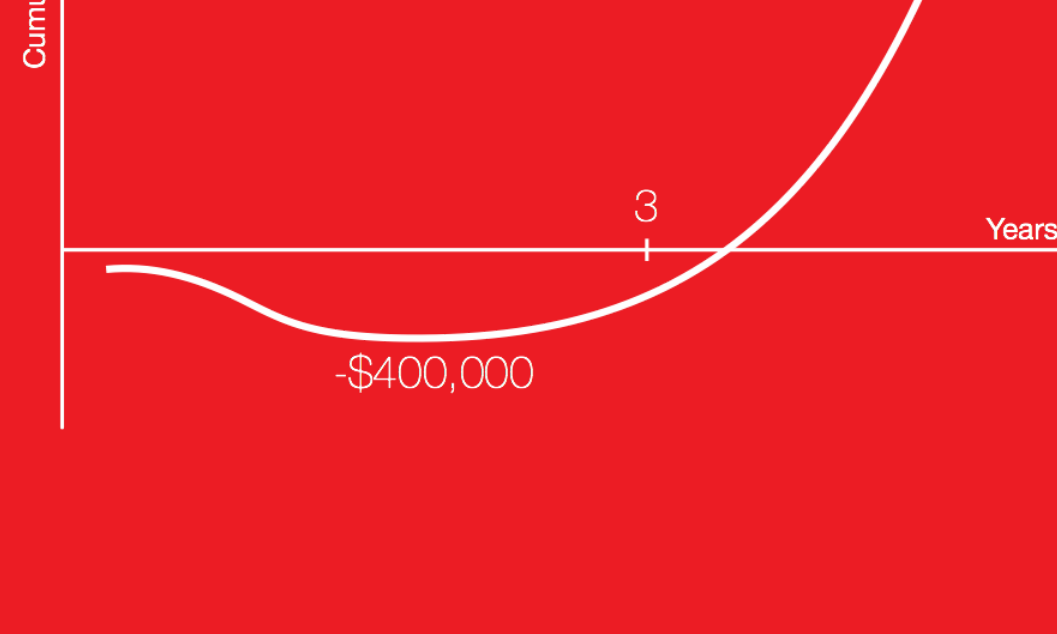


Custom Printed Board: Drives motors and sensors

Capacitive Sensors: Receive user input through touch



Market



US Market > 5.2 Million



Manufacturing Cost: \$90



Retail Price: \$500

R+D
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