

PROBLEM

- There are 15 million blind and visually impaired people in the North America
- 99% or more of blind people do not participate in any kind of athletic activity because they don't feel safe and secure when exercising
- Current methods that blind and visually impaired swimmers use, have many problems:
 - Restrictive – swimming only when no other swimmers are present
 - Unsafe – constantly hitting lane dividers with their arms
 - Expensive and dependent – hiring human tappers

OUR MISSION

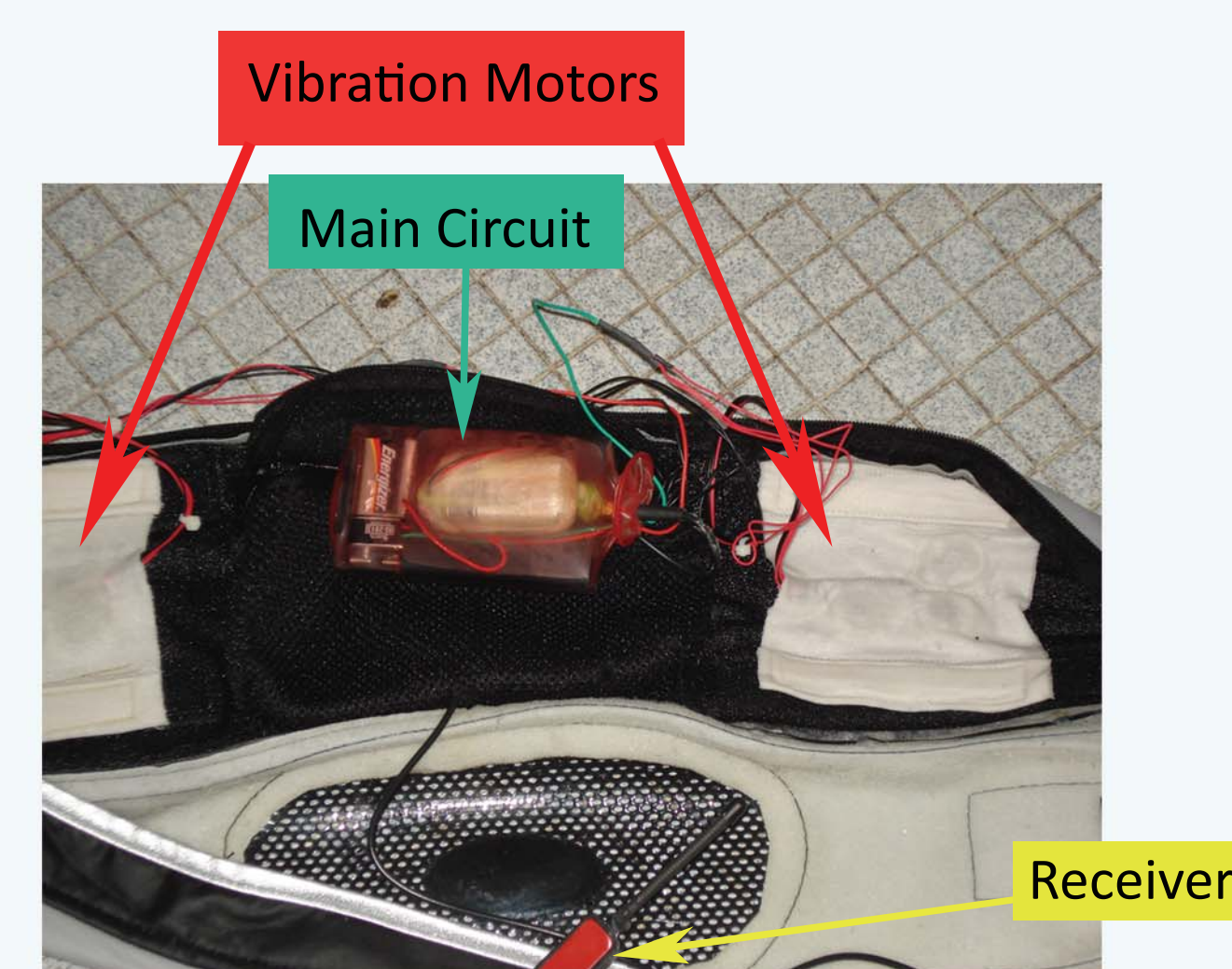
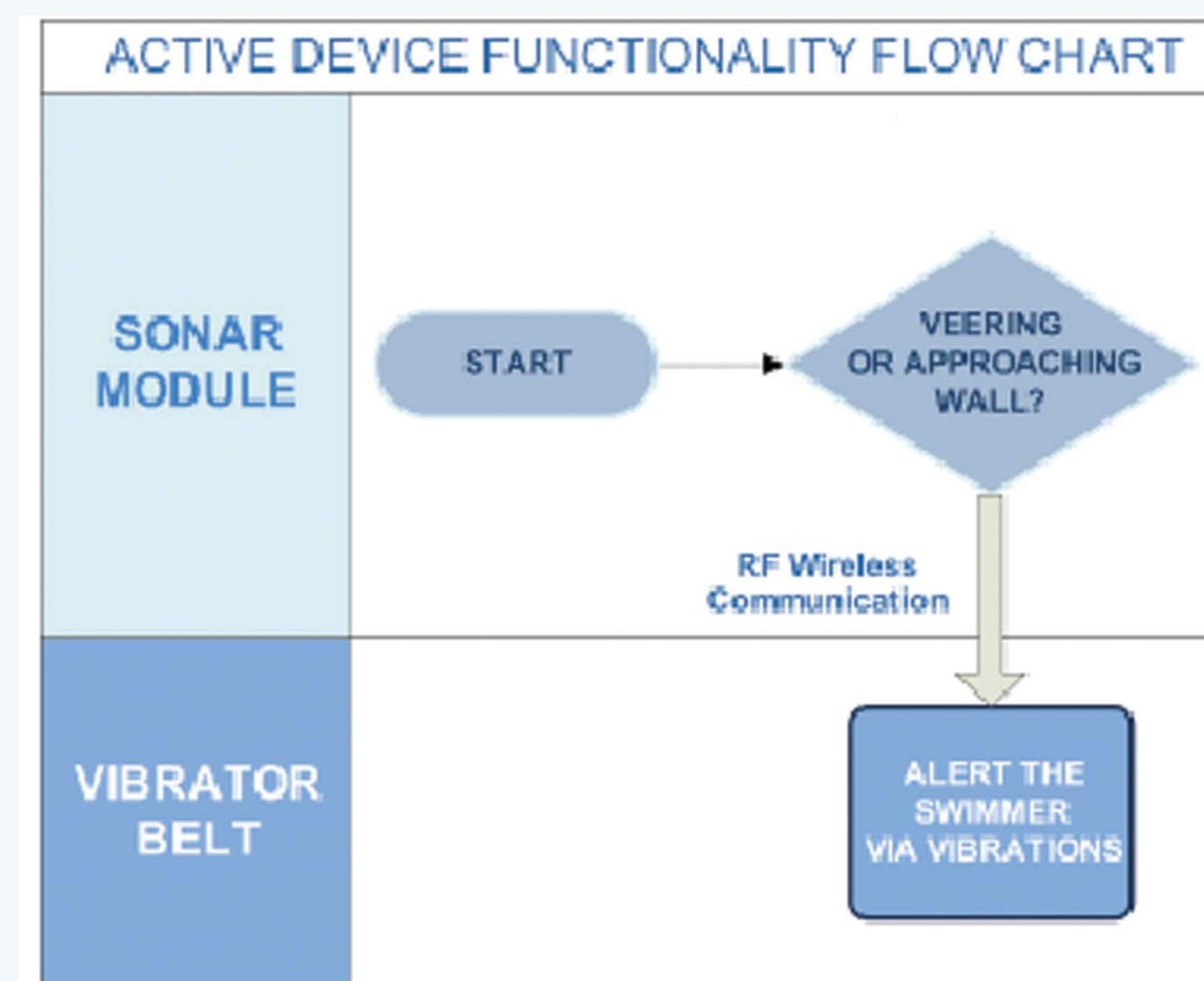
Provide a safe, effective, and reliable assistive device for visually impaired swimmers

“Enabling Visually Impaired People to Exercise Independently”

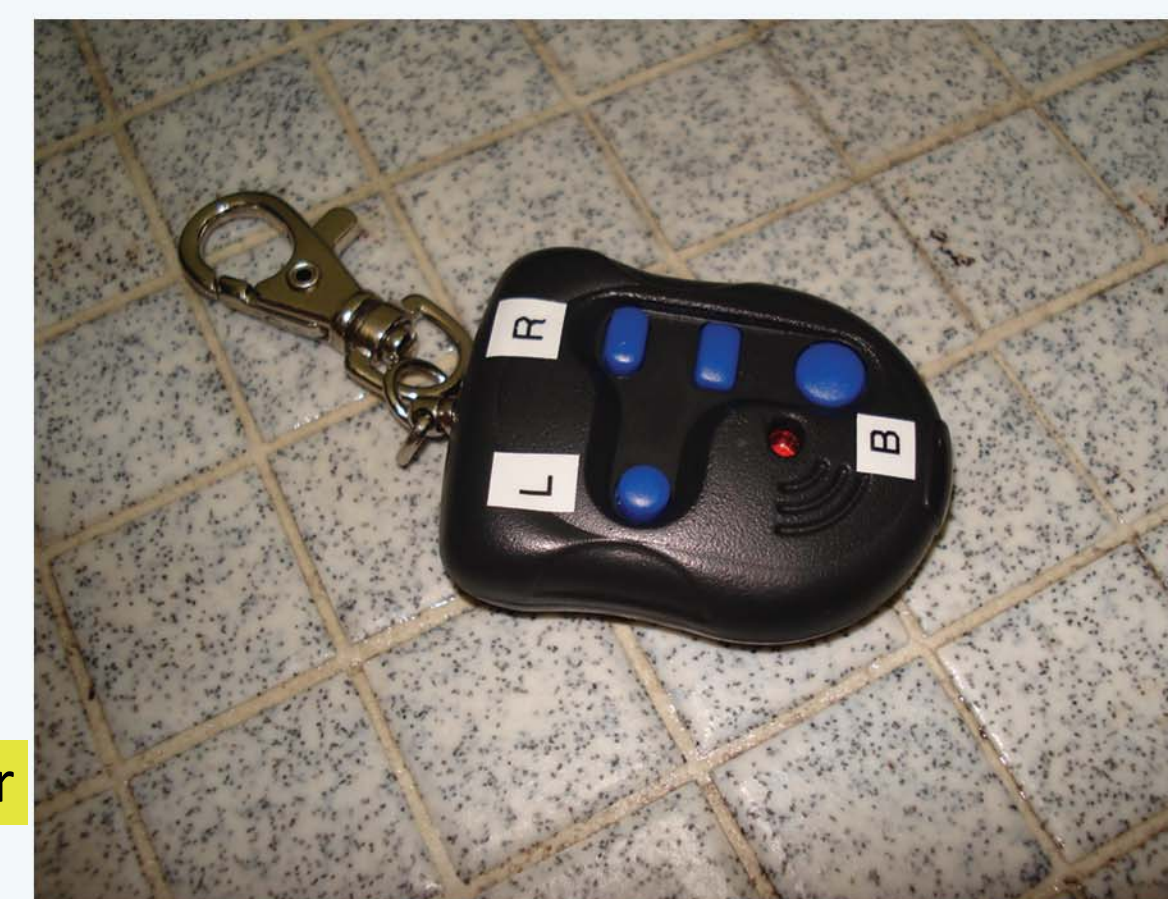


OUR PRODUCT: eyeSwim SONAR

eyeSwim SONAR is a tactile feedback electronic device used by visually impaired swimmers to position themselves in the pool and execute corrective maneuvers.



Belt with vibration motors and circuitry



Wireless RF kit remote to control vibrations

Main Features:

- Right and left vibration motors guide the swimmer towards the center of the lane
- Receiver picks up signal from transmitter for end of lane alert
- On/Off test circuit that will vibrate three times when switched on

ADVANTAGES of eyeSwim SONAR

- ✓ Alerts – swimmer to pool sides and end
- ✓ Swimmer Independence – no tappers required
- ✓ Comfortable – soft and adjustable belt
- ✓ Convenient – small and portable
- ✓ Orients – minimizes zigzagging along lanes

TESTIMONIALS

After testing our product with blind swimmers, we got many positive responses:

“I felt safer. I wasn't afraid and I felt more comfortable.”

- Timothy J. Paul, blind swimmer

“It helped me get out of the danger zones.”

- Timothy J. Paul, blind swimmer

“It helped me swim straight and make the corrections I needed to make.”

- Timothy J. Paul, blind swimmer