

TIME
BEST
INVENTIONS
2022



Next gen assistive devices
On the way to augment humanity





Massively Underserved Need

a significant demand for a Functional, Accessible, Aesthetic
Wearable devices

50M amputees

140M paralysed

770M elderlies

The First Bionic Ecosystem



Assistive devices

+ prostheses & exoskeletons

Controllers

+ next gen EMG controllers
+ wearable, non-invasive

Platform

+ cloud ML platform

Esper Hand

Our first wearable device built to expand worldwide

- + the first prosthetic hand that learns over time
- + the first prosthesis suits the majority of female cases



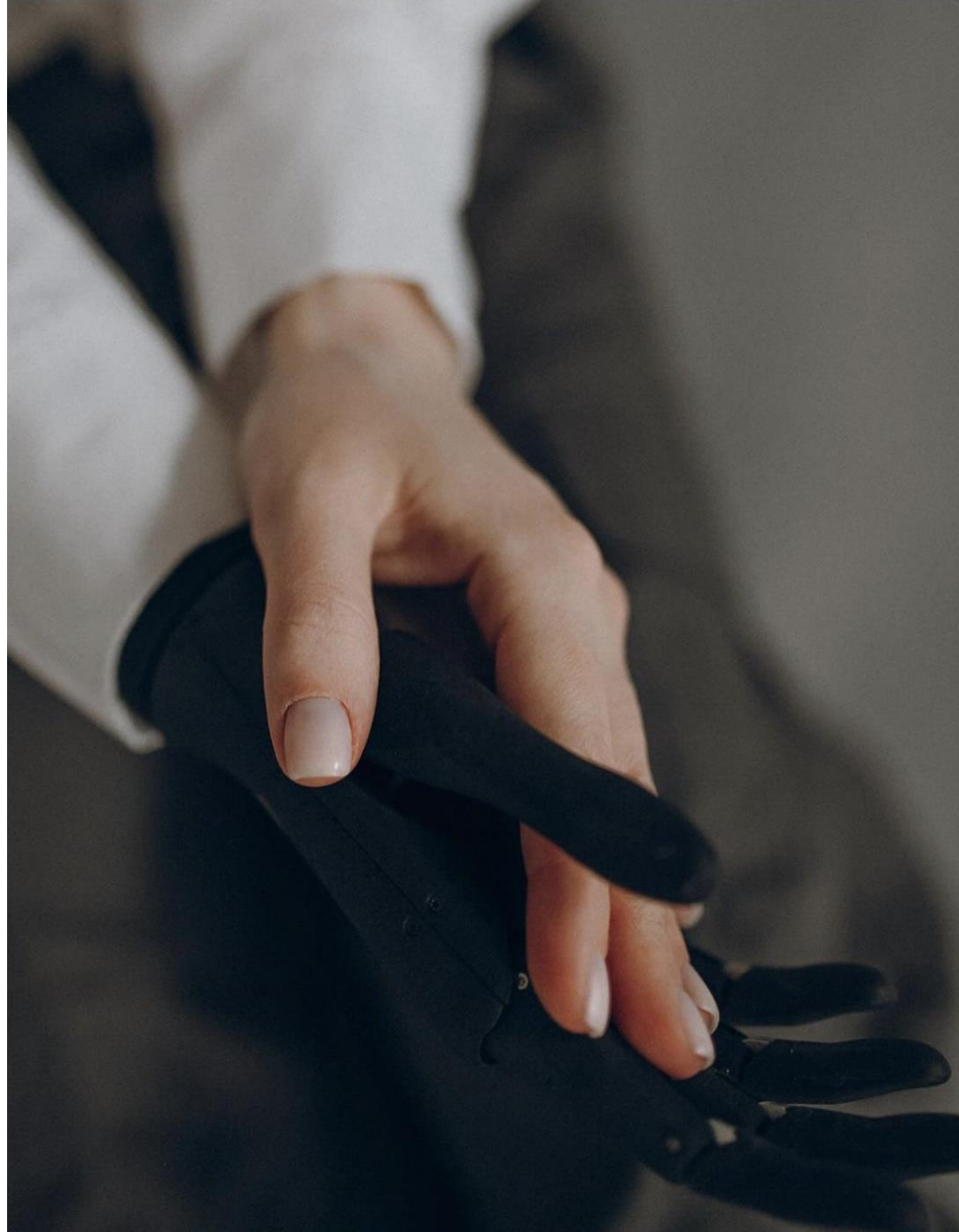
reddot
winner 2022
best of the best



aaolenkaa



aaolenkaa



aaolenkaa



Esper at a glance

to fulfill and prolong lives of billions

800+ Users

60 current users, 700+
on the waitlist.

\$22k product

Fully covered by insurance

FDA-listed

Market-ready product.

10 partner-clinics

USA & UA



A close-up, high-angle shot of a person's face, wearing safety glasses, looking intently through a magnifying glass. The magnifying glass is held over a technical drawing or blueprint on a desk. The drawing features various lines, circles, and text, including the word 'ENGINE' in large blue letters. The scene is dimly lit, with the primary light source being the bright, glowing ring of the magnifying glass. The overall atmosphere is one of focused, detailed work.

Manufacturing

pt.1

Market Expansion Stages

2023

Hands
for amputees

2025

Legs
for amputees

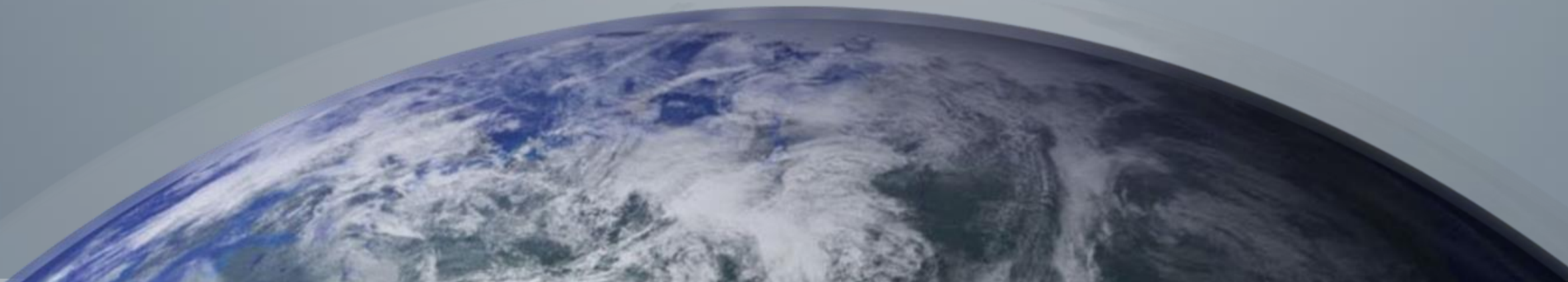
2026

Exoskeletons & ctrl
for paralyzed & elderlies

2025 - 2029

Beyond
assistive devices:

- Life-like control of robotics & gadgets
- #1 source of Body-data



Esper for Ukraine

**50k+ war
amputees in UA**



50+ Esper Hand
installed

150+ people in the
waitlist

600+ hands will be
installed

During the next 24 months

Co-founders



Dima, CEO
Envisions and builds



Anna, COO
Makes things happen



Ihor, VP Engineering
Strives for perfection

Team of 35 brave-doers

Our engineering team helped to build



ring



SHERP



LILIUM



Shadow Robot



CTRL-Labs

Vision: transform assistive devices
to unlock body-data and implants tech

\$1T+
market opportunity



We're looking for:

- + investments
- + partnerships in robotics & wearables
- + donors to support Esper for UA



esperbionics
Ukraine





Anna Belieyantseva, COO

