



(12) **United States Design Patent**
Ryu et al.

(10) **Patent No.:** **US D1,002,015 S**
(45) **Date of Patent:** **** Oct. 17, 2023**

(54) **ULTRASONIC PROBE**

D919,102 S * 5/2021 Ogura D24/187
D950,069 S * 4/2022 Ogura D24/187
2015/0351727 A1* 12/2015 Nieminen A61B 8/4455
600/459

(71) Applicant: **HEALCERION CO., LTD.,**
Gyeonggi-do (KR)

(72) Inventors: **JeongWon Ryu, Seoul (KR); Su Yeol Lee,**
Gyeonggi-do (KR)

(73) Assignee: **HEALCERION CO., LTD.,**
Gyeonggi-do (KR)

(**) Term: **15 Years**

(21) Appl. No.: **29/821,165**

(22) Filed: **Dec. 28, 2021**

(30) **Foreign Application Priority Data**

Jul. 1, 2021 (KR) 30-2021-0031398

(51) **LOC (14) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/187**

(58) **Field of Classification Search**
USPC D24/133, 137, 138, 141, 158, 160, 164,
D24/165, 167, 170, 186, 187, 200;
D10/57, 60, 78, 80
CPC ... A61B 5/0095; A61B 8/4444; A61B 8/4455;
A61B 8/445; G01S 7/5208; G01N 29/265
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D319,793 S * 9/1991 Dubut D10/60
D681,825 S * 5/2013 Shinohara D24/186
D704,341 S * 5/2014 Ryu D24/187
D749,224 S * 2/2016 Iritani D24/187
D763,452 S * 8/2016 Ryu D24/187
D770,629 S * 11/2016 Nieminen D24/187
D770,630 S * 11/2016 Nieminen D24/187
D831,219 S * 10/2018 Henderson D24/187
D890,935 S * 7/2020 Nikoozadeh D24/186

FOREIGN PATENT DOCUMENTS

CN 202230489144.3 * 10/2022

OTHER PUBLICATIONS

Sonon 500L Operations Manual(eng). Online, published date Feb. 3, 2023. Retrieved on Jul. 6, 2023 from URL: https://www.youtube.com/watch?v=ZEAH_Dq3loQ.*

* cited by examiner

Primary Examiner — Omeed Agilee

(74) *Attorney, Agent, or Firm* — Harness, Dickey & Pierce, P.L.C.

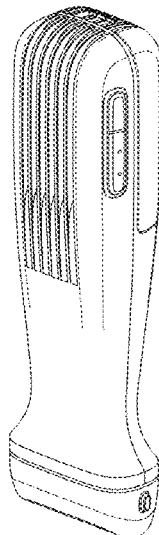
CLAIM

(57) The ornamental design for an ultrasonic probe, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of an ultrasonic probe, showing the overall shape of our new design;
FIG. 2 is a bottom perspective of the ultrasonic probe shown in FIG. 1;
FIG. 3 is a front view of the ultrasonic probe shown in FIG. 1;
FIG. 4 is a back view of the ultrasonic probe shown in FIG. 1;
FIG. 5 is a left view of the ultrasonic probe shown in FIG. 1;
FIG. 6 is a right view of the ultrasonic probe shown in FIG. 1;
FIG. 7 is a top view of the ultrasonic probe shown in FIG. 1; and,
FIG. 8 is a bottom view of the ultrasonic probe shown in FIG. 1.

1 Claim, 8 Drawing Sheets



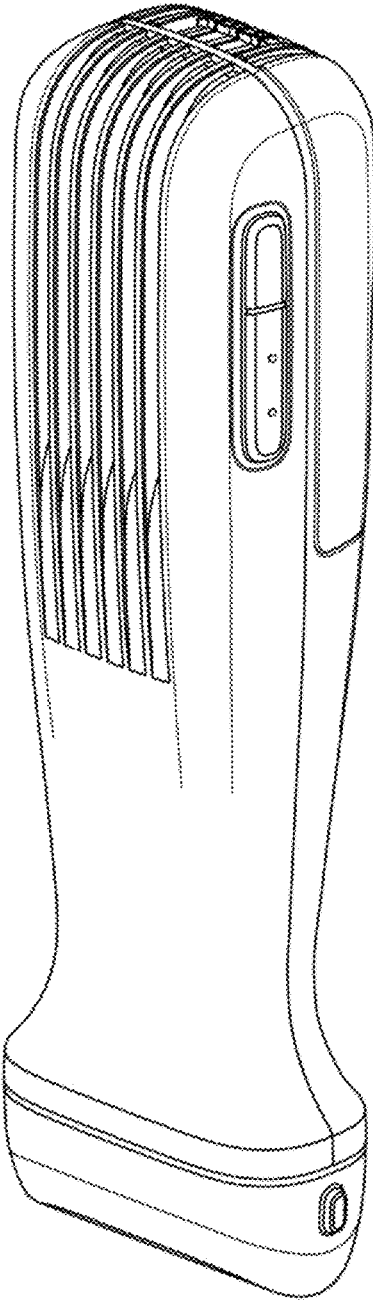


FIG. 1

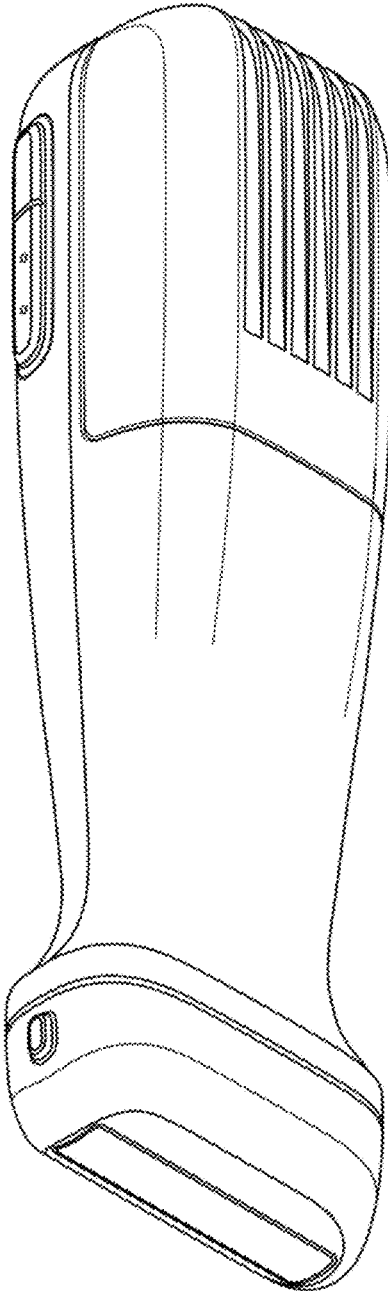


FIG. 2

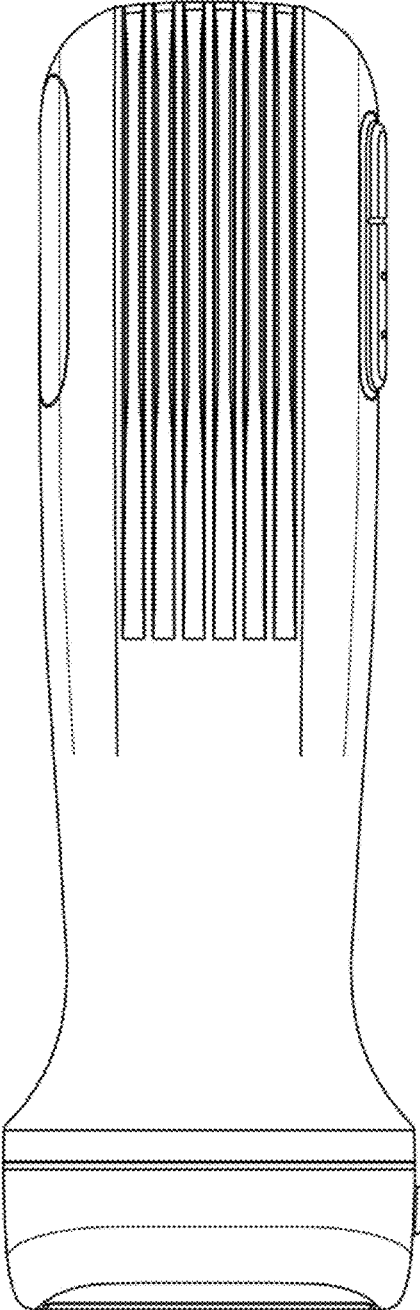


FIG. 3

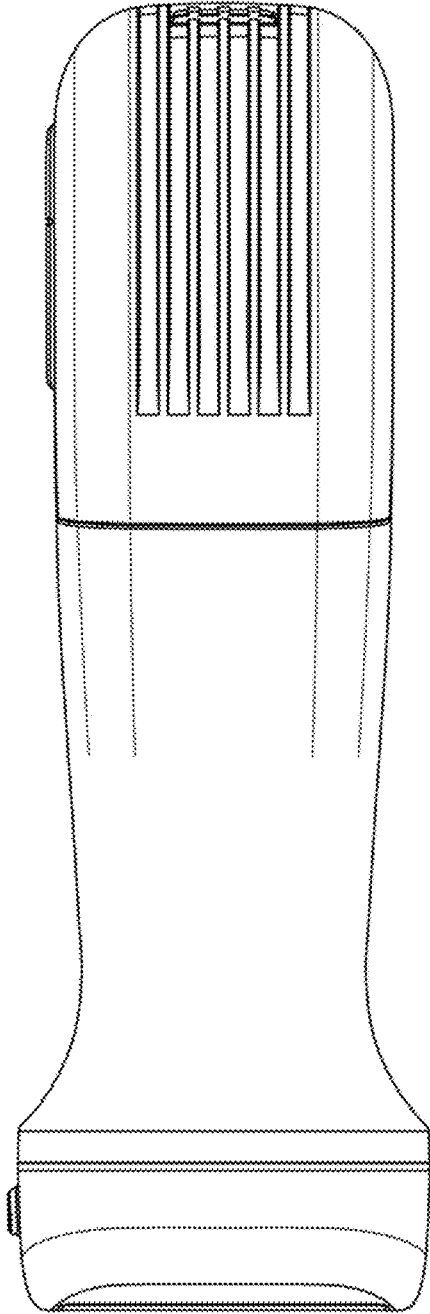


FIG. 4

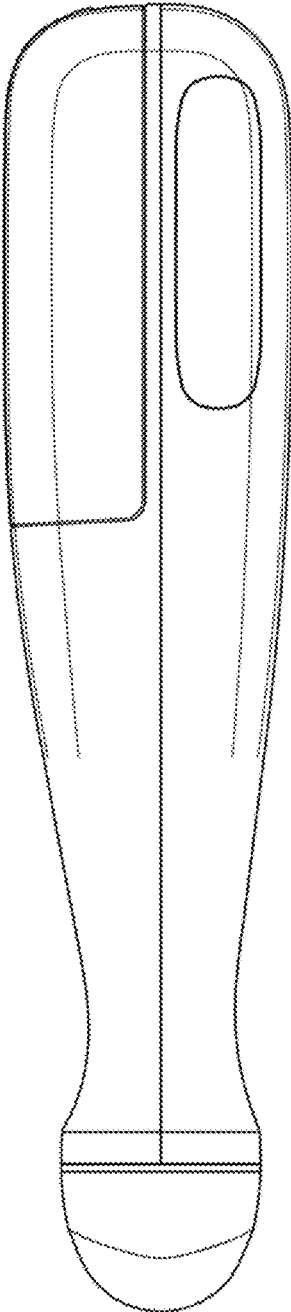


FIG. 5

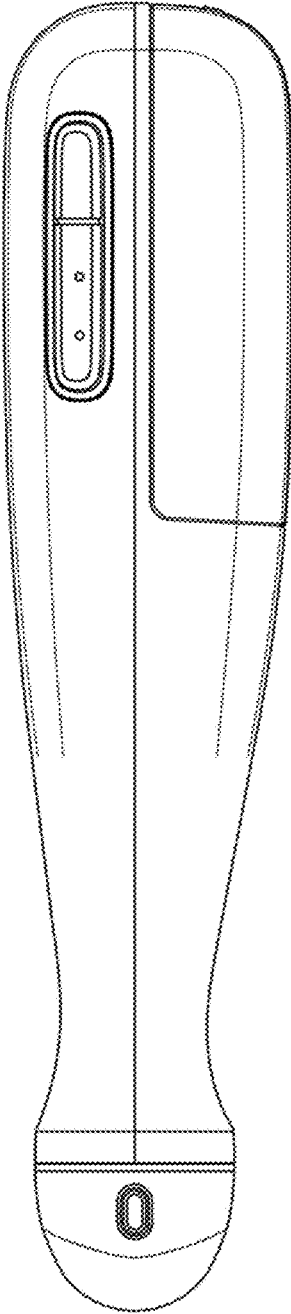


FIG. 6

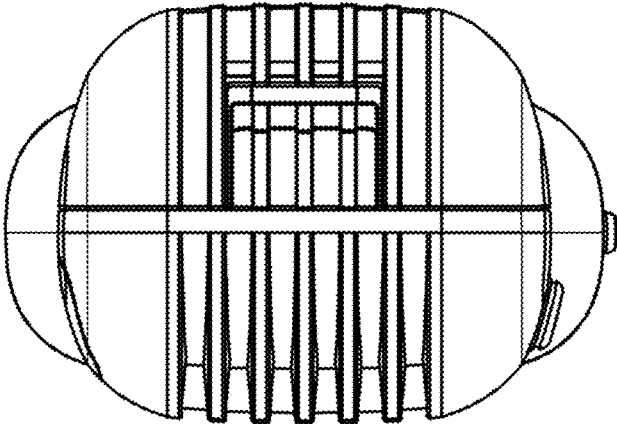


FIG. 7

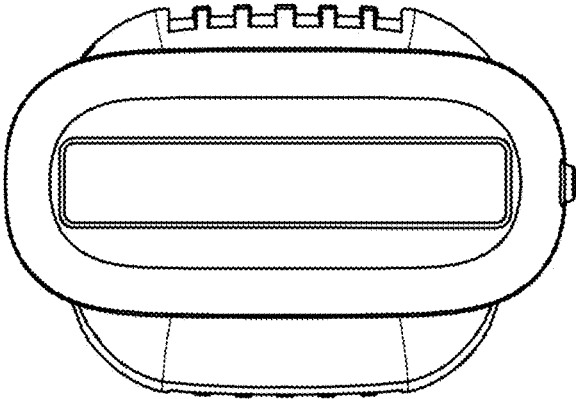


FIG. 8