



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

(10) **Patent No.:** **US D1,031,982 S**
(45) **Date of Patent:** **** Jun. 18, 2024**

(54) **HANDLE FOR ENDOSCOPE**

OTHER PUBLICATIONS

(71) Applicant: **MEDIMAGING INTEGRATED SOLUTION, INC.**, Hsinchu (TW)

YouTube "Endoscope Operation_Forehand Grip", posted at youtube.com by MiiS, posting date Mar. 30, 2021, retrieved Aug. 22, 2023, online, URL: <https://www.youtube.com/watch?v=JkhYJ-KOojQ> (Year: 2021).*

(72) Inventors: **Chu-Ming Cheng**, Hsinchu (TW); **Chia-Jung Li**, Hsinchu (TW); **Yi-Ming Tai**, Hsinchu (TW)

(Continued)

(73) Assignee: **MEDIMAGING INTEGRATED SOLUTION, INC.**, Hsinchu (TW)

Primary Examiner — Mary Shannon Malley
Assistant Examiner — Michelle Marquart Christeon
(74) *Attorney, Agent, or Firm* — MUNCY, GEISSLER, OLDS & LOWE, PC

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

(21) Appl. No.: **29/786,929**

(22) Filed: **Jun. 3, 2021**

(57) **CLAIM**

(30) **Foreign Application Priority Data**

The ornamental design for a handle for endoscope, as shown and described.

Apr. 7, 2021 (TW) 110203712

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

(52) **U.S. Cl.**
USPC **D24/138**

(58) **Field of Classification Search**
USPC D24/138, 137, 127, 113, 108, 133
CPC A61M 25/00; A61M 39/00; A61M 27/00;
A61M 25/0043; A61M 25/0067; A61M
25/0097; A61F 2/958; A61B 1/00126
See application file for complete search history.

DESCRIPTION

(56) **References Cited**

FIG. 1 is a perspective view of a handle for endoscope showing our new design;
FIG. 2 is a left side elevational view thereof, the right side being a mirror image;
FIG. 3 is a front end elevational view thereof;
FIG. 4 is a rear end elevational view hereof;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a left side view thereof, showing the article in a status of use.
FIG. 8 is another left side view thereof, showing the article in a status of use; and,
FIG. 9 is a right side view thereof, showing the article in a status of use.
The broken lines depicting a hand in FIGS. 7-9 are for the purpose of illustrating environmental subject matter and form no part of the claimed design. The remaining broken lines depict portions of the handle for endoscope and form no part of the claim.

U.S. PATENT DOCUMENTS

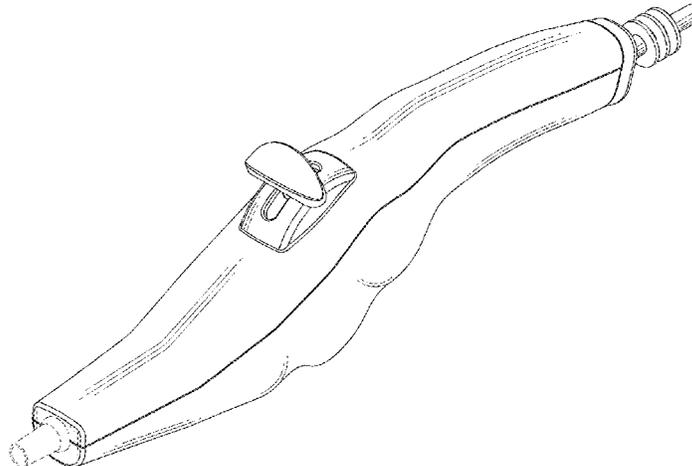
D745,670 S *	12/2015	Czupalla	.....	D24/138
D779,053 S *	2/2017	Kobida	.....	D24/108
D795,424 S *	8/2017	Sloss	.....	D24/138
D798,445 S *	9/2017	Heni	.....	D24/133
D818,122 S *	5/2018	Oberkircher	.....	D24/144
D835,170 S *	12/2018	Pilz	.....	D16/130

(Continued)

FOREIGN PATENT DOCUMENTS

CN	303864257	*	9/2016
CN	305218278	*	6/2019

1 Claim, 9 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D841,160	S	*	2/2019	Cranfield	.....	D24/138
D844,137	S	*	3/2019	Sun	.....	D24/138
D852,358	S	*	6/2019	Matuschek	.....	D24/138
D864,388	S	*	10/2019	Barber	.....	D24/133
D874,647	S	*	2/2020	Cranfield	.....	D24/138
D919,804	S	*	5/2021	Cole	.....	D24/133
D956,969	S	*	7/2022	Bast	.....	D24/133
2015/0343121	A1	*	12/2015	Kobida	.....	A61M 1/7411 604/187

OTHER PUBLICATIONS

MiiS Endoscopy / EES100, retrieved from [miis.com](https://www.miis.com), posting date unavailable, online, retrieved Aug. 22, 2023, URL https://www.miis.com.tw/products_detail.php?lang=us&id=83(Year: 2023).*

* cited by examiner

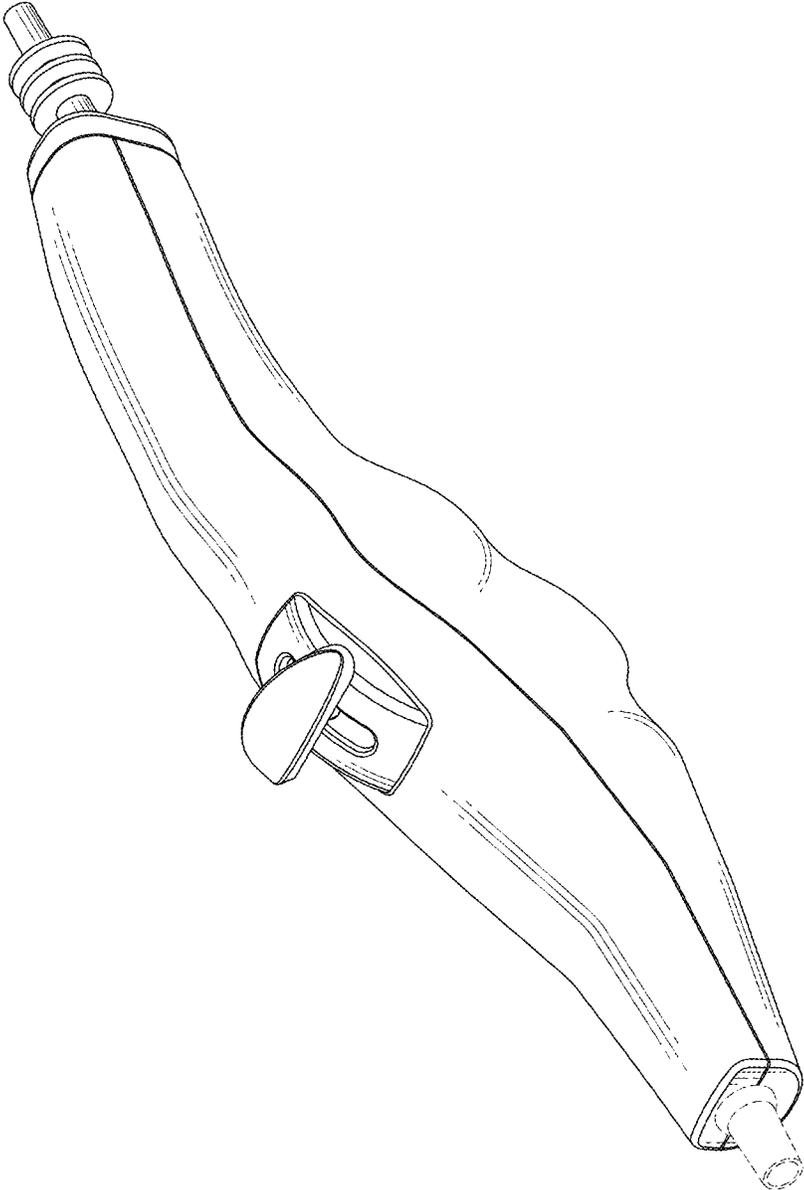


FIG. 1



FIG. 2

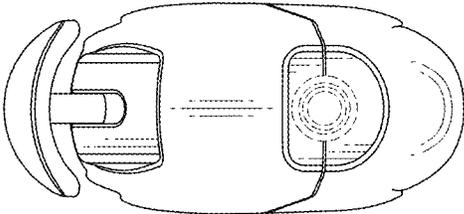


FIG. 3

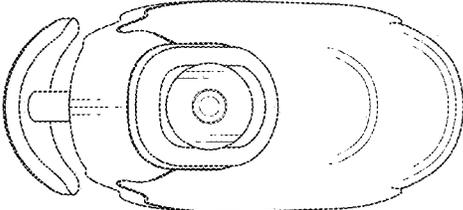


FIG. 4

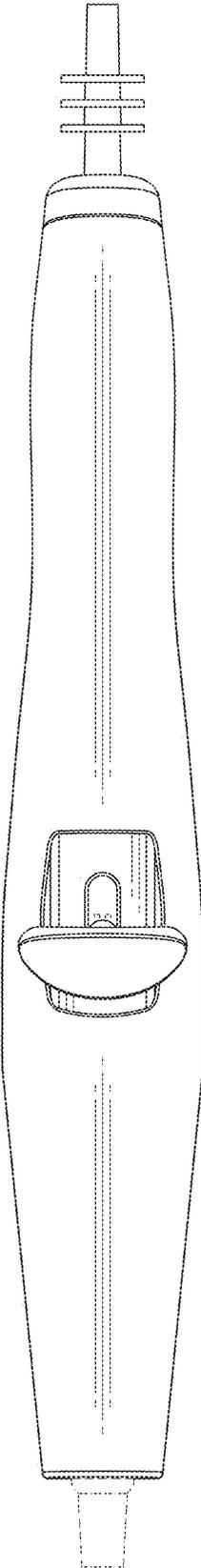


FIG. 5

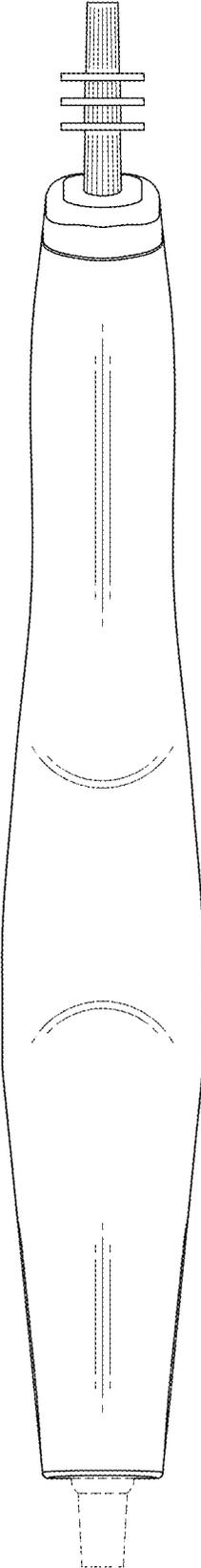


FIG. 6

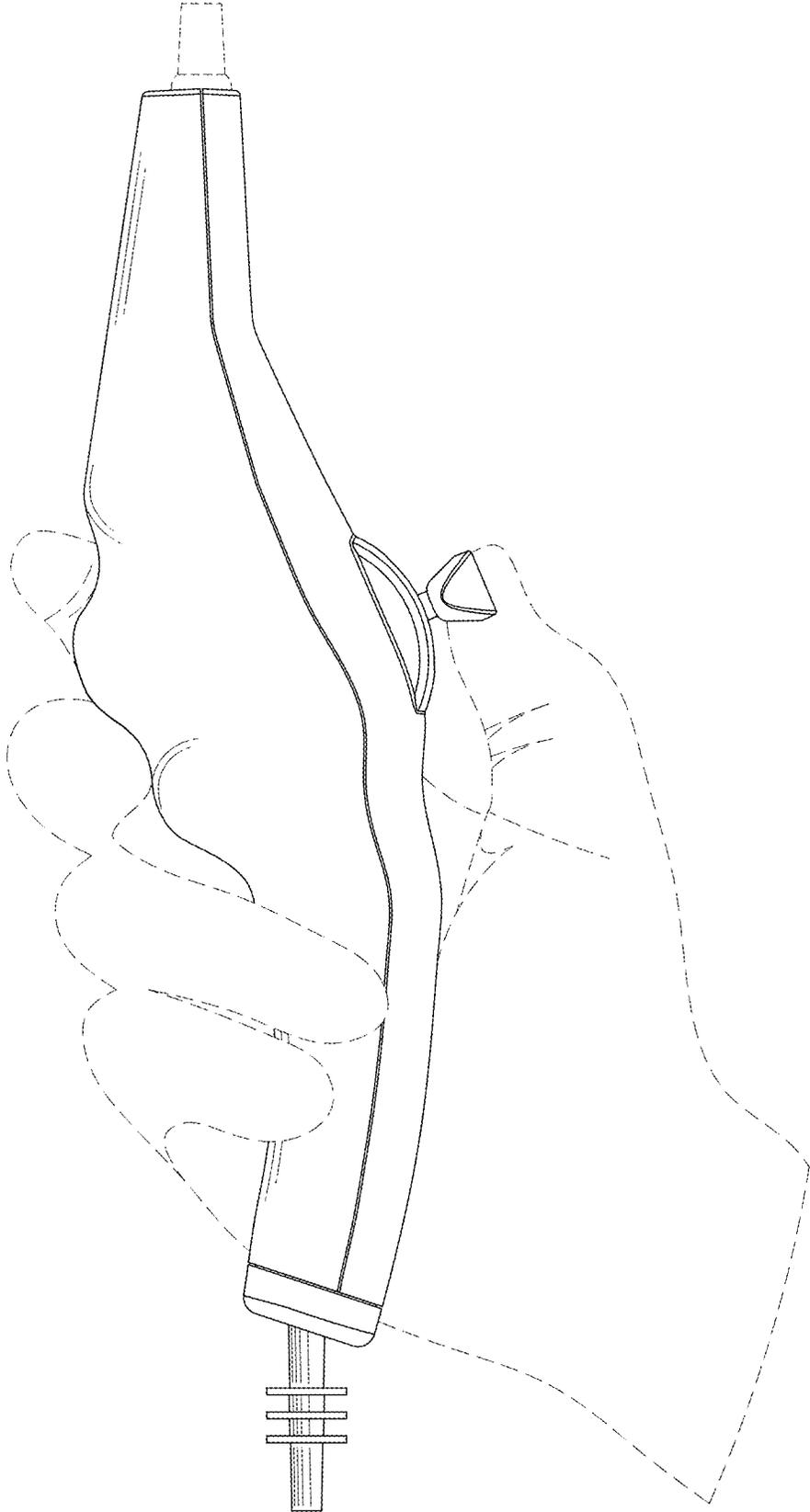


FIG. 7

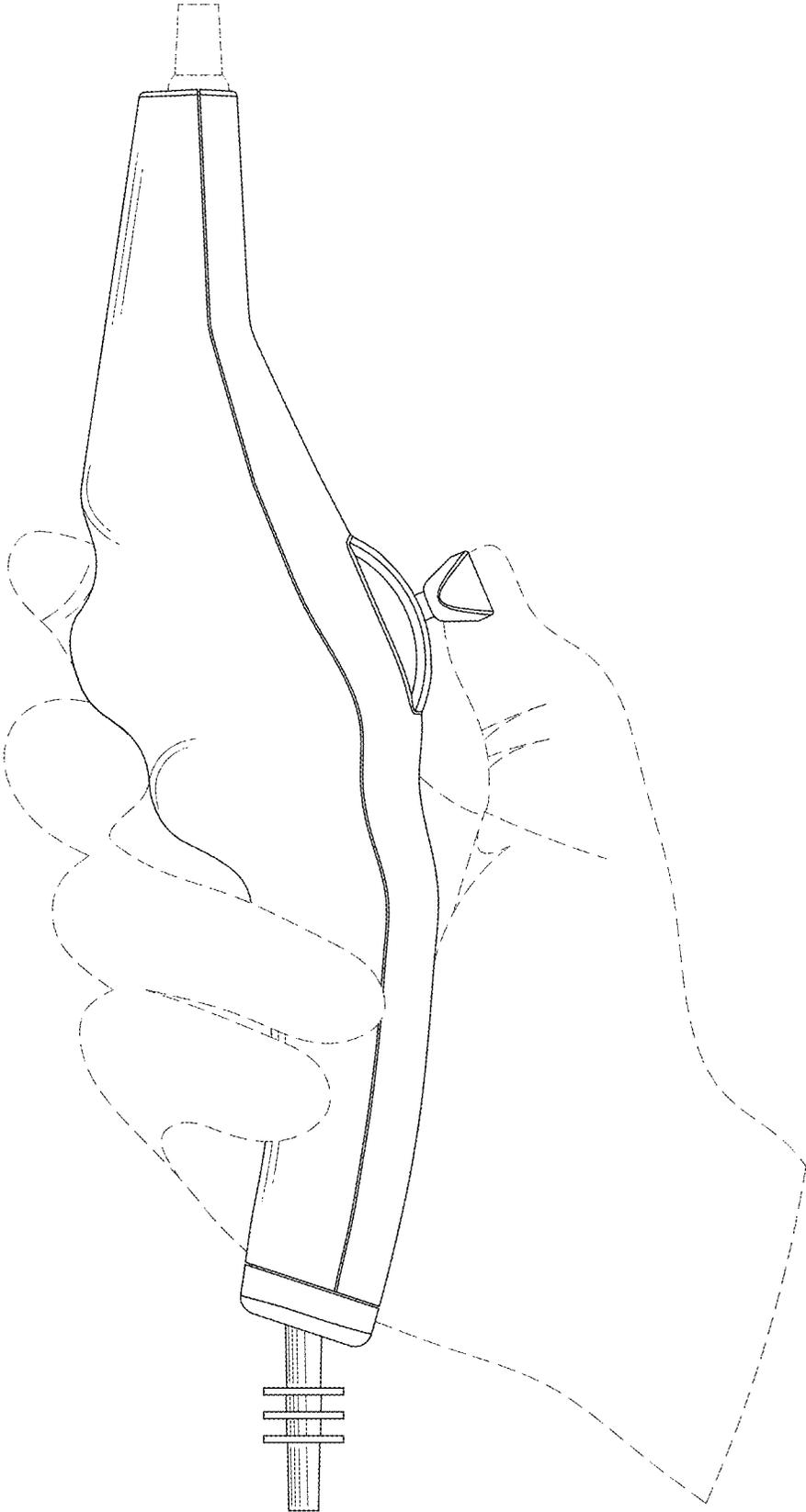


FIG. 8



FIG. 9