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(12) **United States Design Patent**
Shen

(10) **Patent No.:** **US D1,018,341 S**

(45) **Date of Patent:** **** Mar. 19, 2024**

(54) **VELOCITY LOG**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Baoli Tiantong Instruments Corp.**,
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CN	305471082	*	5/2019
CN	306167450	*	5/2020
CN	306685915	*	1/2021
CN	306899510	*	7/2021

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(Continued)

(73) Assignee: **BAOLI TIANTONG INSTRUMENTS CORP.**, Kunming (CN)

OTHER PUBLICATIONS

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

Water Linked, The world's smallest DVL-DVL A50, Date first available Jun. 12, 2023, [online]retrieved Jul. 25, 2023, available from file: //C:/Users/ssahneh/Desktop/Weekly%20Work/2023/2023-03-Lightsensor/2-29892955/1.pdf (Year: 2023).*

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(Continued)

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(30) **Foreign Application Priority Data**

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(51) **LOC (14) CL.** **10-04**

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(52) **U.S. CL.**

USPC **D10/97; D10/96**

(58) **Field of Classification Search**

USPC D10/46, 96-103

CPC G01P 5/18; G01P 13/045; G01P 13/02;

G01P 5/02; G01F 1/663; G01F 1/668

See application file for complete search history.

(57) **CLAIM**

The ornamental design for a velocity log, as shown and described.

DESCRIPTION

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,675,483	A *	7/1972	David, IV	.....	G01F 23/02
					116/227
3,686,937	A *	8/1972	Corey	.....	G01F 1/203
					73/861.39
D467,010	S	12/2002	Wrightman		
D801,838	S	11/2017	Onorio et al.		
2010/0154561	A1 *	6/2010	Cabrera	.....	G01F 1/663
					73/204.11
2017/0325787	A1 *	11/2017	Grice	.....	A61B 8/488
2021/0263062	A1 *	8/2021	Xu	.....	G01P 5/18
2021/0356563	A1 *	11/2021	Pan	.....	G01S 17/931

FIG. 1 is a perspective view of the velocity log showing my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left view thereof;

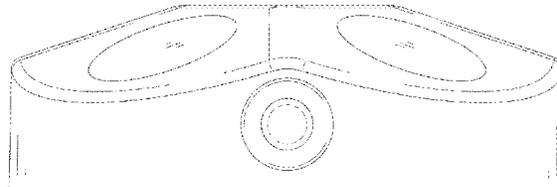
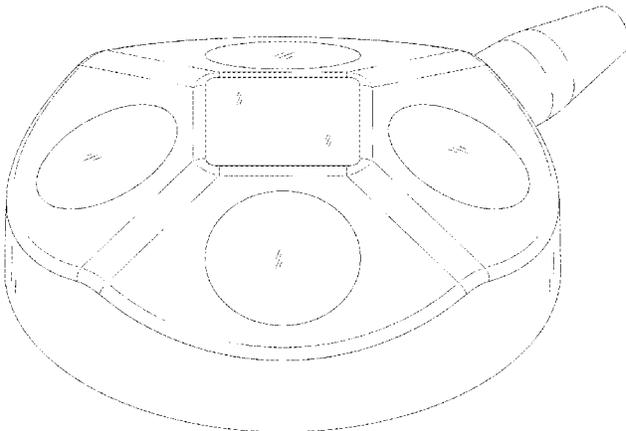
FIG. 5 is a right view thereof;

FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

the broken lines are shown for the purpose of illustrating portions of the velocity log and forms no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

FOREIGN PATENT DOCUMENTS

CN 307308525 * 1/2022
CN 308004384 S 4/2023

OTHER PUBLICATIONS

Nortek, A sensor hub that makes vehicle control and navigation possible, Date first available Jul. 26, 2023, [online]retrieved Jul. 26, 2023, available from <https://www.nortekgroup.com/products/nucleus1000/pdf> (Year: 2023).*

Sonardyne, Sound in Depth, Syrinx—Doppler Velocity Log, Date first available Apr. 2017, [online]retrieved Jul. 26, 2023, available from https://www.uniquegroup.com/wp-content/uploads/2022/10/Sonardyne_Syrinx_DVL.pdf (Year: 2017).*

WaterLink, the world smallest DVL, DVL A 50, Date first available Dec. 17, 2021, [online]retrieved Oct. 18, 2023, available from https://neotek-web.com/wp-content/uploads/2022/04/wl-21035-3_DVL_A50.pdf (Year: 2021).*

WaterLink, Miniature Long range DVL, DVL A125, Date first available Oct. 10, 2022, [online]retrieved Oct. 18, 2023, available from <https://waterlinked.com/web/content/7525?unique=5c826d6027d39482ee721494bacf8677c77bd950> (Year: 2022).*

Retrieved from Internet Archive Wayback Machine, DVL-A50 Description, Date first available Oct. 23, 2020, [online]retrieved Oct. 18, 2023, available from <http://web.archive.org/web/20201023120318/https://waterlinked.github.io/dvl/dvl-a50/> (Year: 2020).*

* cited by examiner

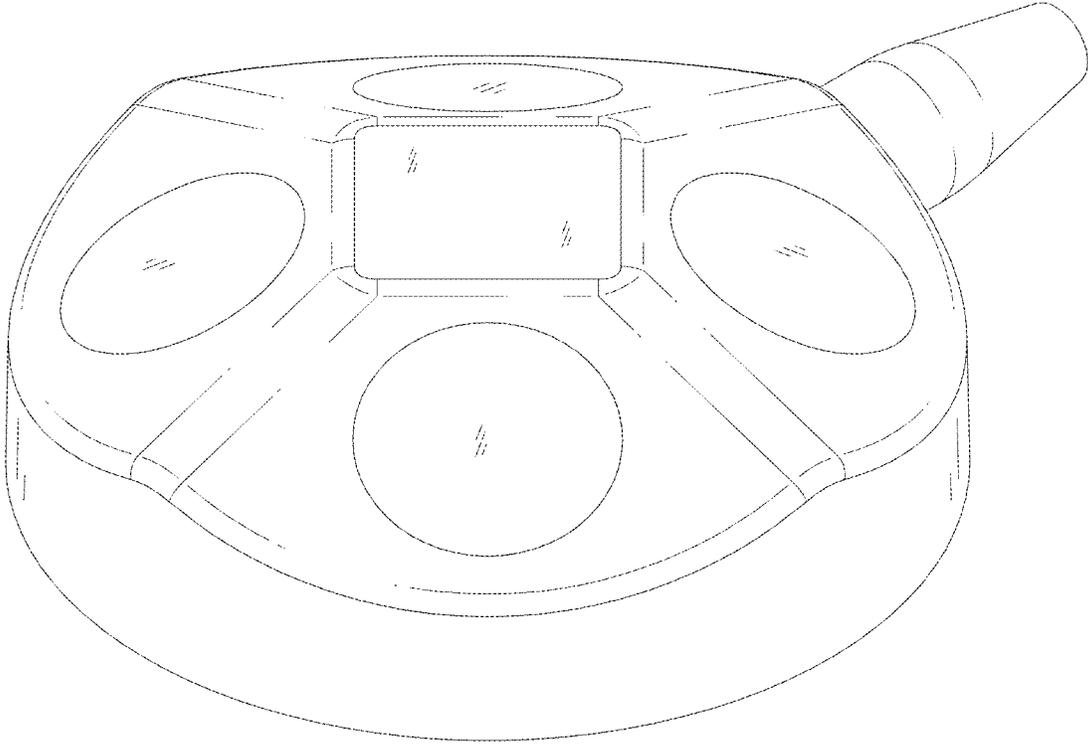


FIG. 1

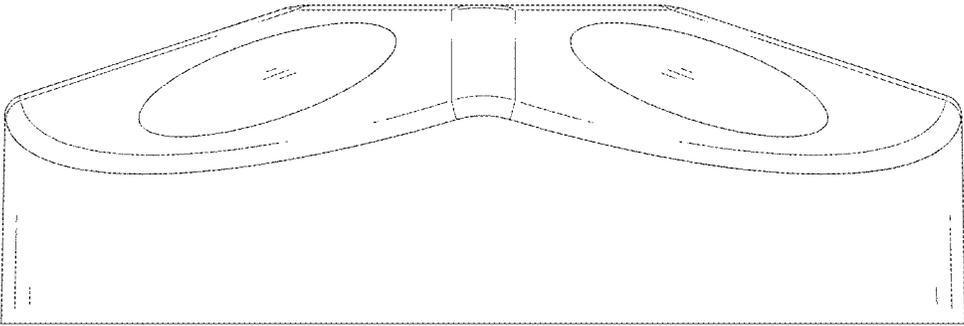


FIG. 2

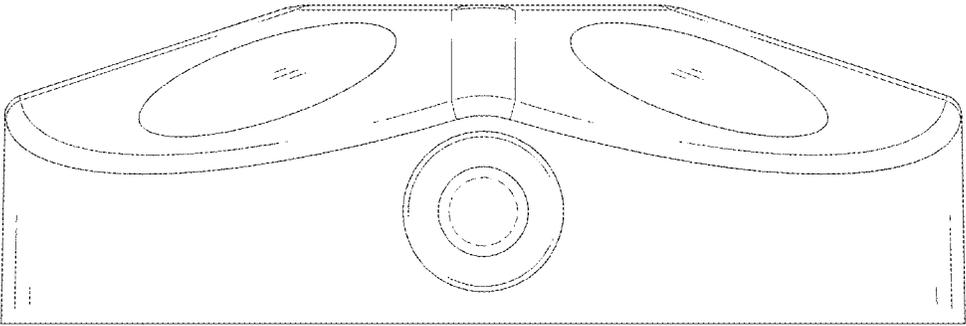


FIG. 3

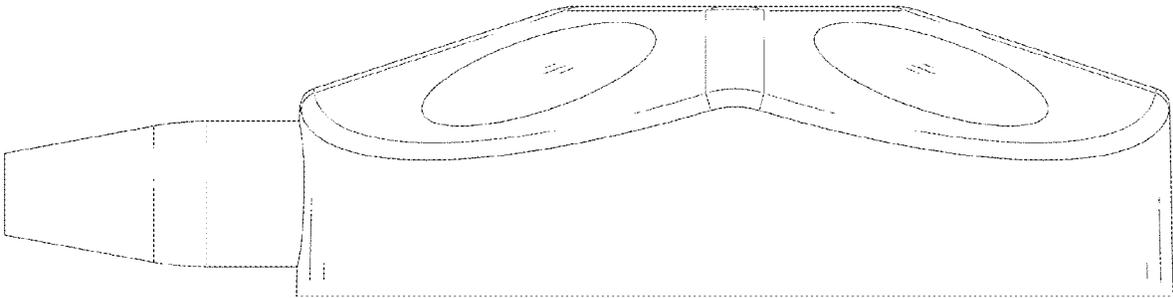


FIG. 4

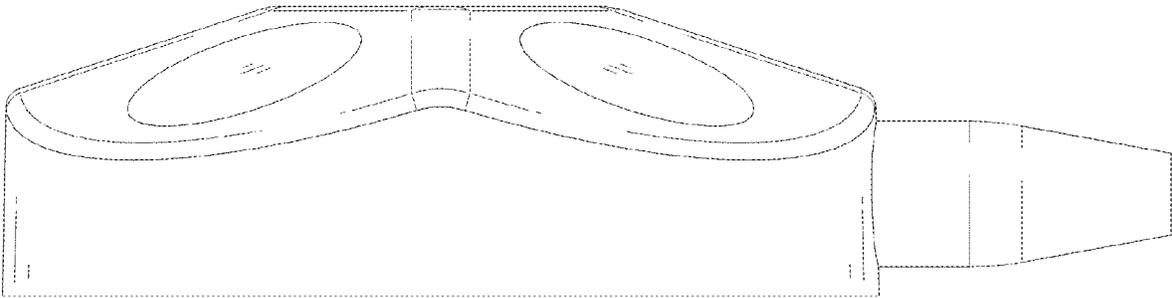


FIG. 5

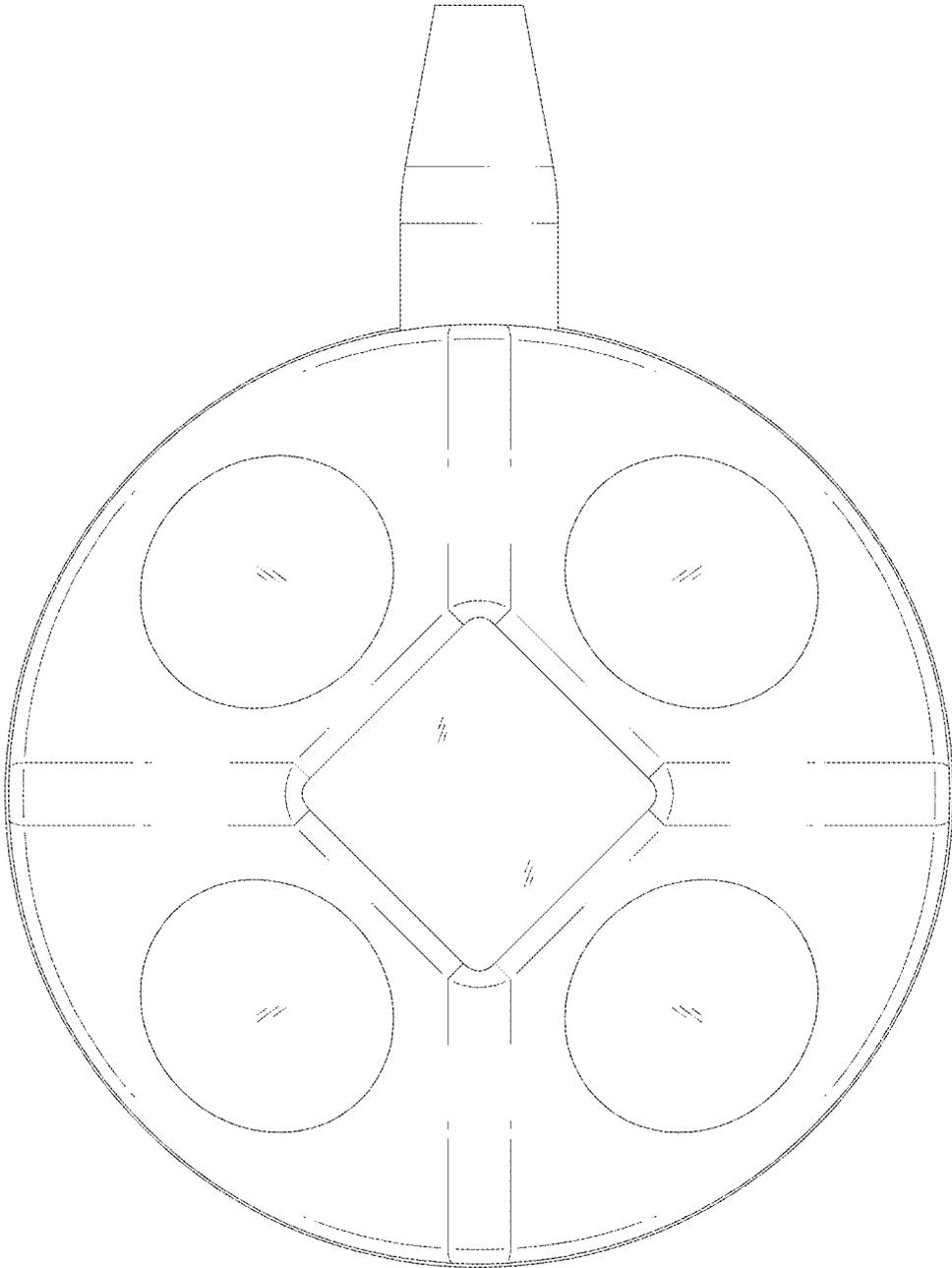


FIG. 6

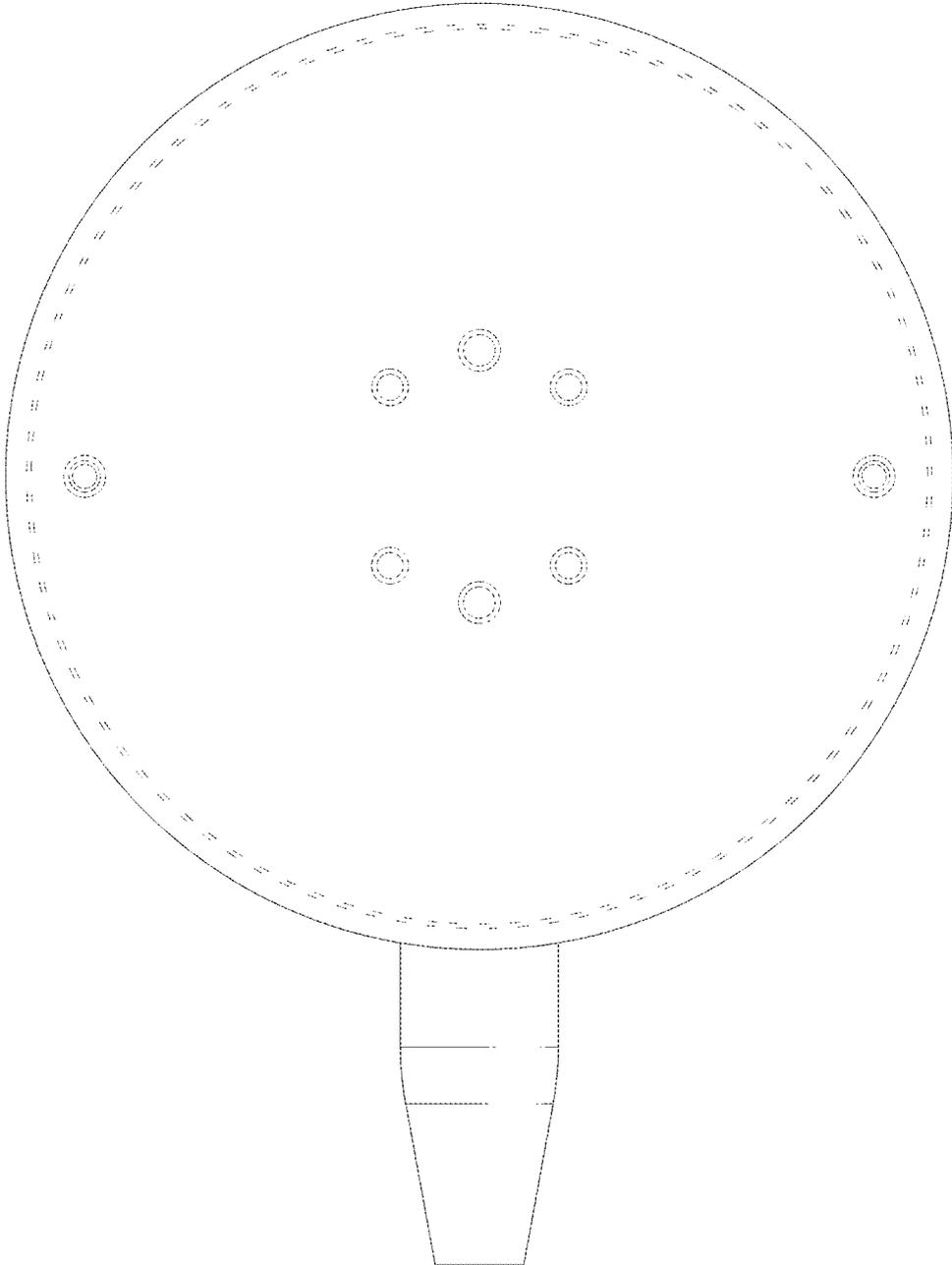


FIG. 7