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(12) United States Design Patent

Nakajima et al.

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(54) **PUNCTURE INSTRUMENT FOR DRUG ADMINISTERING DEVICE**

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

(21) Appl. No.: **29/866,504**

(22) Filed: **Sep. 15, 2022**

(30) **Foreign Application Priority Data**

Mar. 18, 2022 (JP) ..... 2022-005698 D
Mar. 18, 2022 (JP) ..... 2022-005699 D
(Continued)

(51) **LOC (15) Cl.** **24-02**
(52) **U.S. Cl.**
USPC **D24/130**
(58) **Field of Classification Search**
USPC D24/112–114, 108, 133, 127–130, 186, D24/189, 190, 155, 131, 143
(Continued)

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(57) **CLAIM**

The ornamental design for a puncture instrument for drug administering device as shown and described.

DESCRIPTION

FIG. **1** is a front, left and bottom side perspective view of a first embodiment of a puncture instrument for drug administering device, showing our new design;
FIG. **2** is a rear, left and top side perspective view thereof;
FIG. **3** is a front view thereof;
FIG. **4** is a rear view thereof;
FIG. **5** is a top view thereof;
FIG. **6** is a bottom view thereof;
FIG. **7** is a right-side view thereof;
FIG. **8** is a left-side view thereof; and
FIG. **9** is a cross sectional slice view taken at the section line **9** in FIG. **3**.
FIG. **10** is a front, left and bottom side perspective view of a second embodiment of a puncture instrument for drug administering device, showing our new design;
FIG. **11** is a rear, left and top side perspective view thereof;
FIG. **12** is a front view thereof;
FIG. **13** is a rear view thereof;
FIG. **14** is a top view thereof;
FIG. **15** is a bottom view thereof;
FIG. **16** is a right-side view thereof;
FIG. **17** is a left-side view thereof; and
FIG. **18** is a cross sectional slice view taken at the section line **18** in FIG. **12**.
FIG. **19** is a front, left and bottom side perspective view of a third embodiment of a puncture instrument for drug administering device, showing our new design;
FIG. **20** is a rear, left and top side perspective view thereof;
FIG. **21** is a front view thereof;
FIG. **22** is a rear view thereof;
FIG. **23** is a top view thereof;
FIG. **24** is a bottom view thereof;

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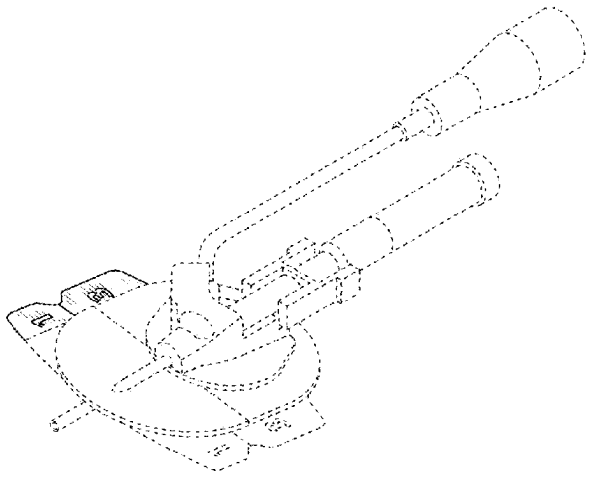

FIG. **25** is a right-side view thereof;
FIG. **26** is a left-side view thereof; and
FIG. **27** is a cross sectional slice view taken at the section line **27** in FIG. **21**.
FIG. **28** is a front, left and bottom side perspective view of a fourth embodiment of a puncture instrument for drug administering device, showing our new design;
FIG. **29** is a rear, left and top side perspective view thereof;
FIG. **30** is a front view thereof;
FIG. **31** is a rear view thereof;
FIG. **32** is a top view thereof;
FIG. **33** is a bottom view thereof;
FIG. **34** is a right-side view thereof;
FIG. **35** is a left-side view thereof; and,
FIG. **36** is a cross sectional slice view taken at the section line **36** in FIG. **30**.
The even-length broken lines shown in the drawings represent portions of the puncture instrument for drug administering device that form no part of the claimed design. The uneven-length broken lines shown in the drawings represent a boundary between the claimed portion and the non-claimed portion of the puncture instrument for drug administering device and form no part of the claimed design. The single dash lines labeled "**9**", "**18**", "**27**" and "**36**" in FIGS. **3**, **12**, **21** and **30** respectively, define the cut lines of the cross sectional slice view of the puncture instrument for drug administering device and form no part of the claimed design.

1 Claim, 16 Drawing Sheets

(30) **Foreign Application Priority Data**

Mar. 18, 2022 (JP) ..... 2022-005700 D
Mar. 18, 2022 (JP) ..... 2022-005701 D

(58) **Field of Classification Search**
CPC A61B 10/0275; A61B 2010/0208; A61B 17/32093; A61B 17/3468; A61B 2017/320044; A61B 2017/320056; A61B 17/3415; A61B 5/29; A61B 17/3401; A61B 17/3417; A61B 17/3421; A61B 17/3462; A61B 17/3439; A61B 17/3474; A61B 17/34; A61B 2017/3454; A61B 2017/347; A61B 2090/3937; A61B 5/150732; A61M 25/0668; A61M 25/0637; A61M 25/0631; A61M 25/0097; A61M 39/223; A61M 2205/6018; A61M 2205/14; A61M 2205/6045; A61M 5/3216; A61M 5/158; A61M 25/06; A61M 16/0497; A61M 2039/062; A61M 2202/048; A61M 25/0014; A61M 5/3271; A61M 2005/1583; A61M 2025/0675; A61M 2039/1061; A61M 5/5086; A61M 39/284
See application file for complete search history.

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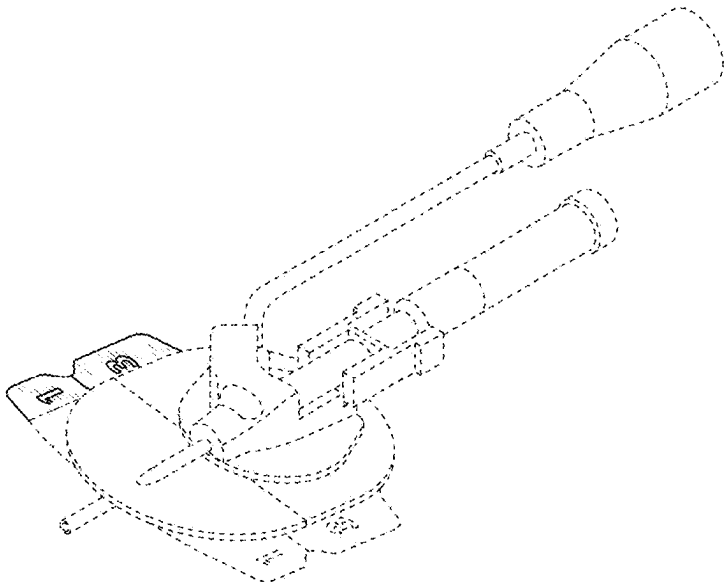


Fig. 1

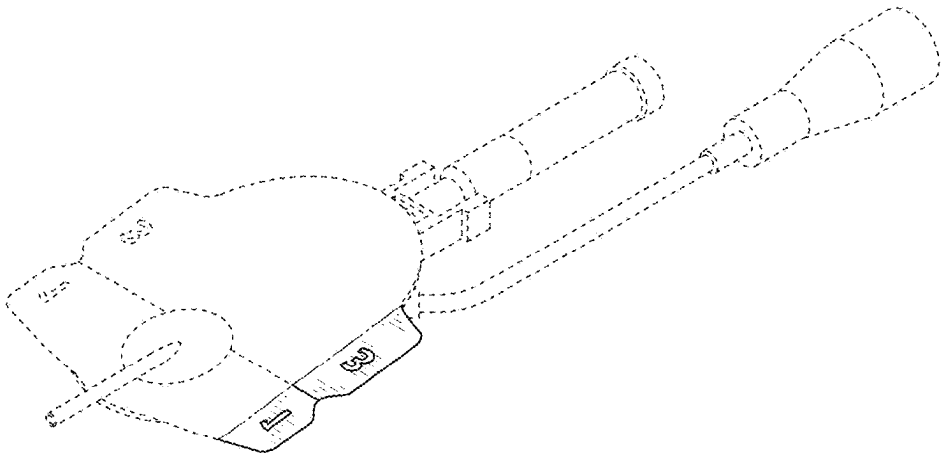
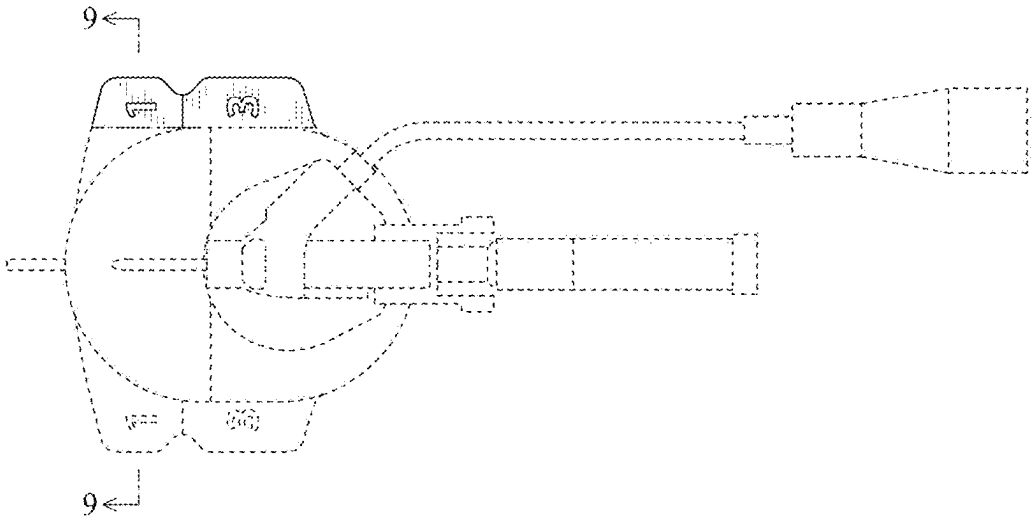


Fig. 2



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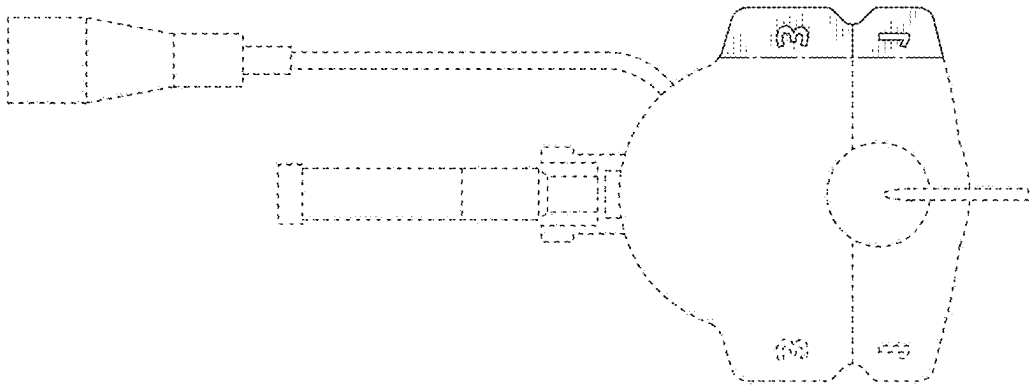

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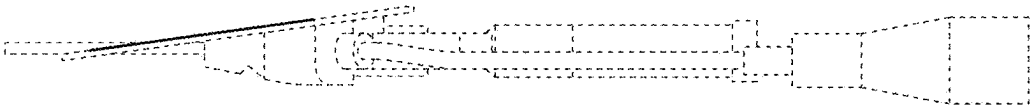

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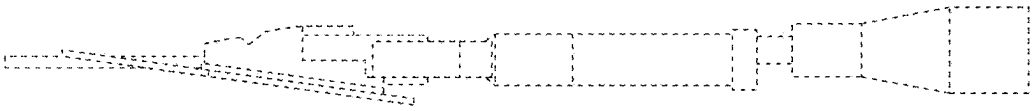


Fig. 6

Fig. 7

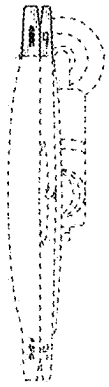


Fig. 8

Fig. 9

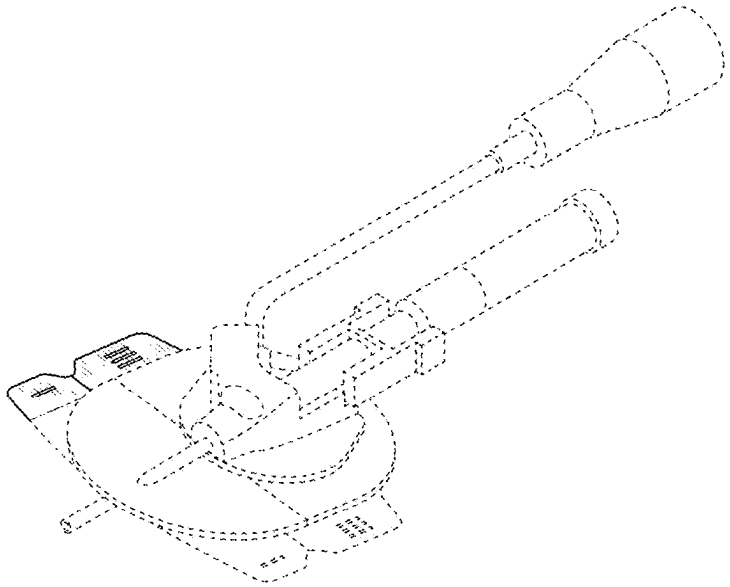
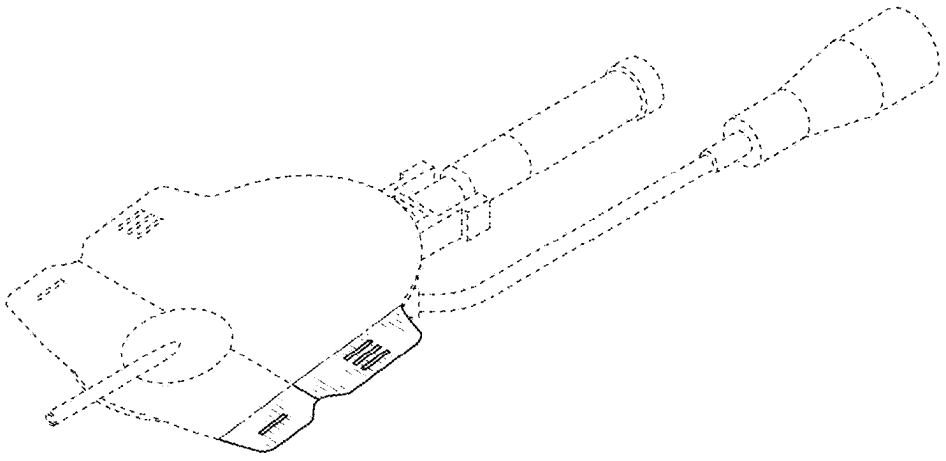


Fig. 10



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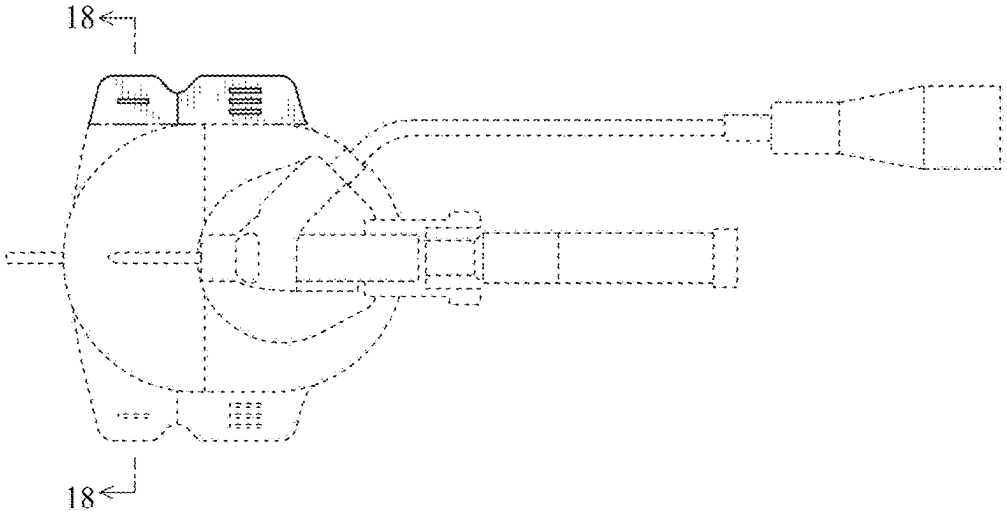

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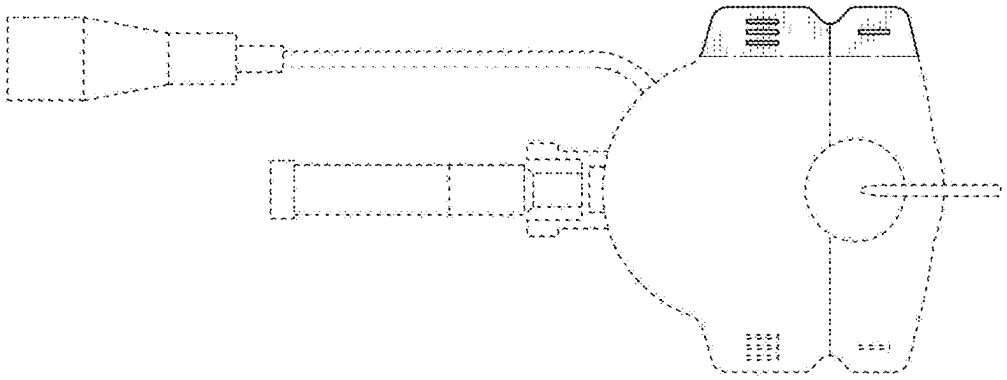

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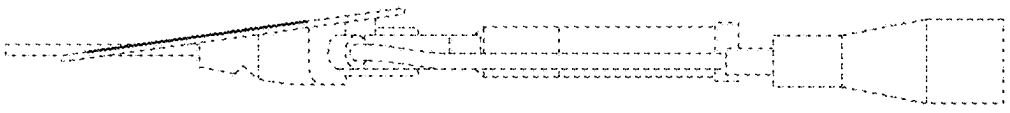

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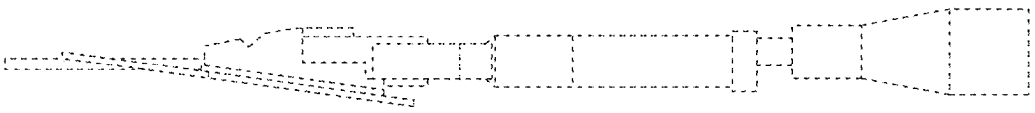


Fig. 15

Fig. 16

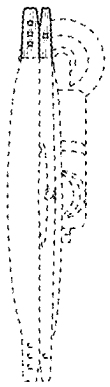


Fig. 17

Fig. 18

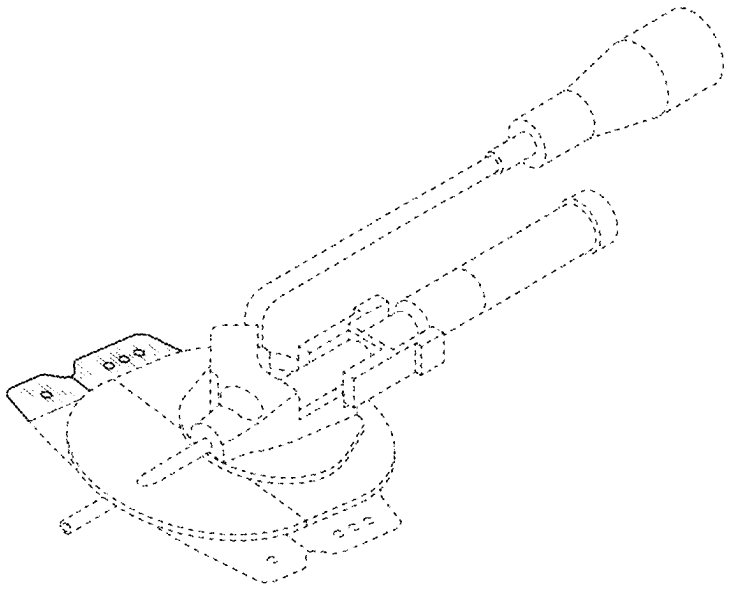


Fig. 19

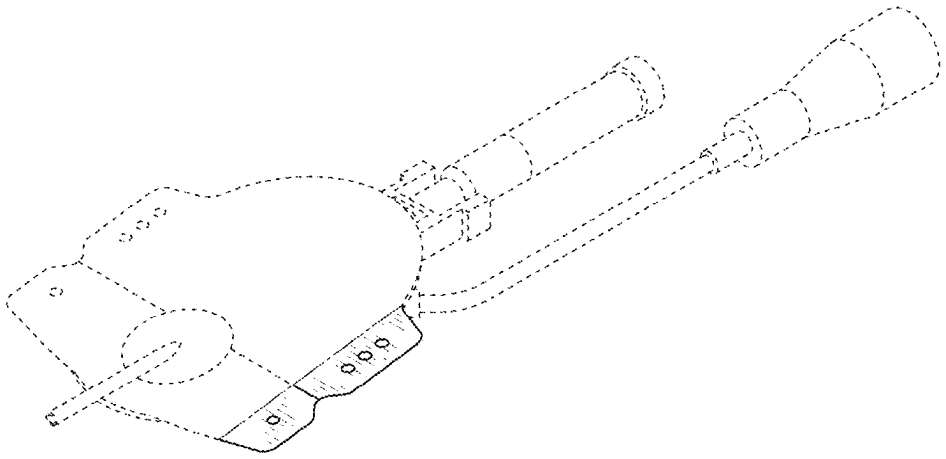


Fig. 20

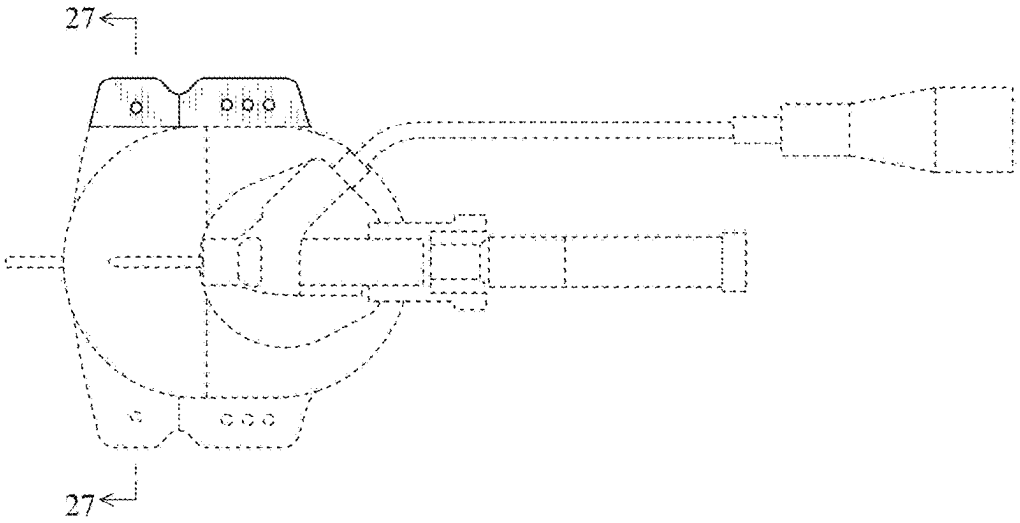


Fig. 21

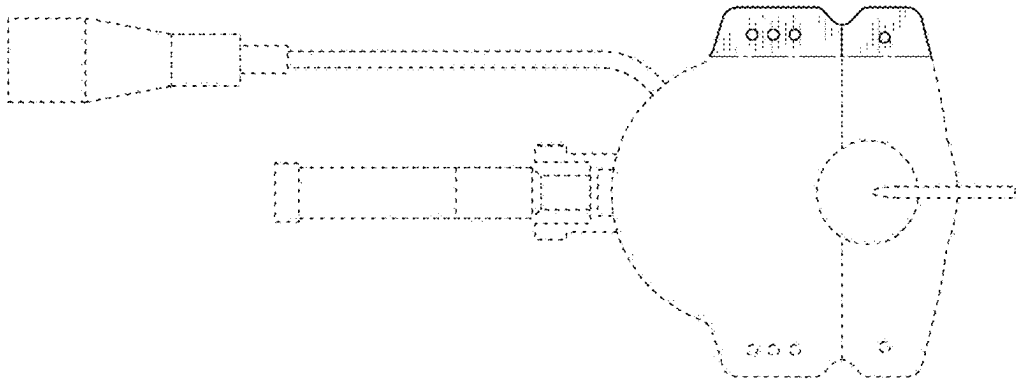
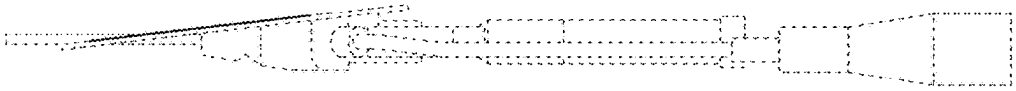


Fig. 22



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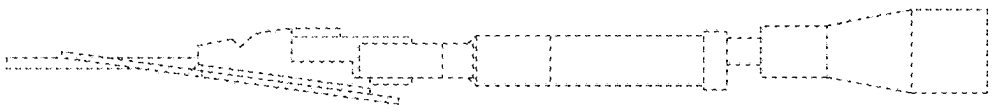


Fig. 24

Fig. 25

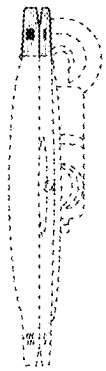
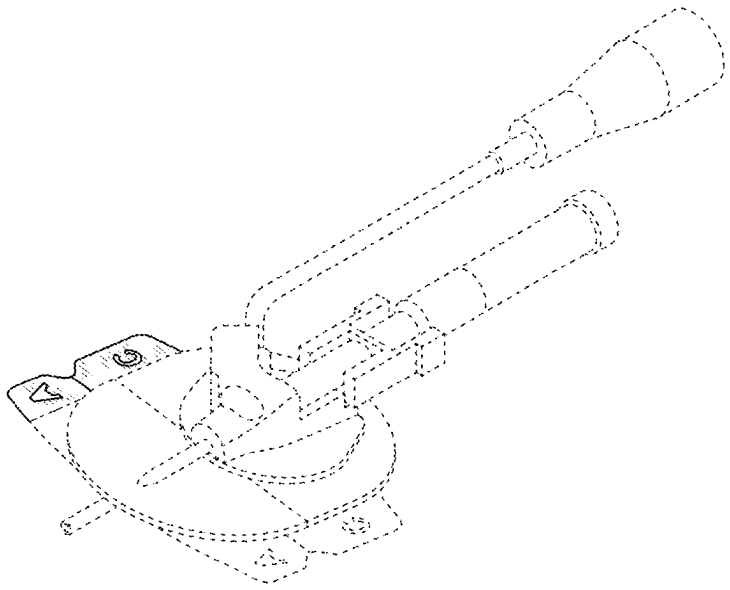


Fig. 26

Fig. 27



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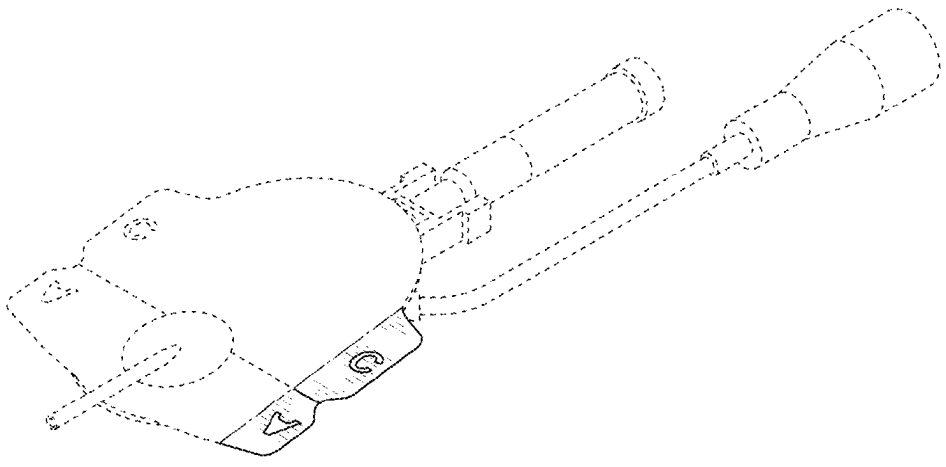

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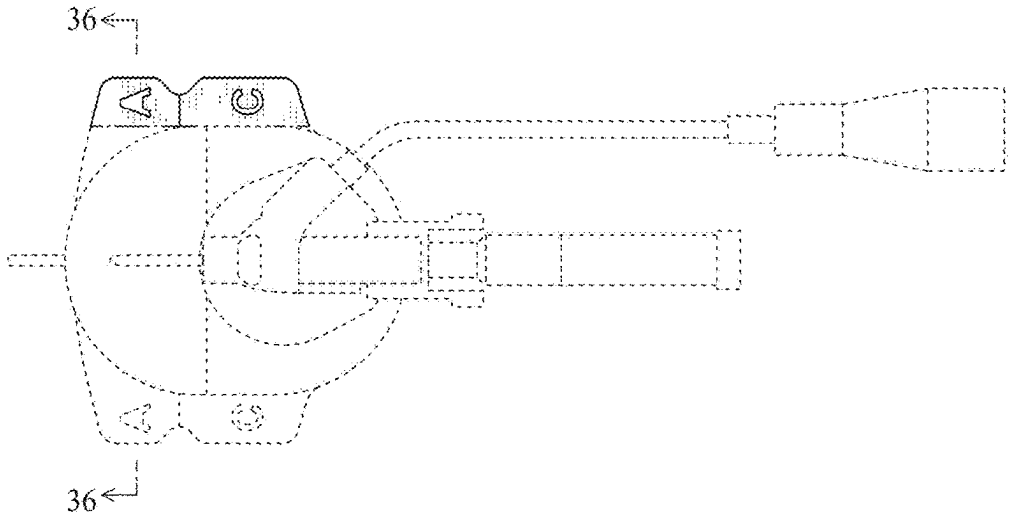

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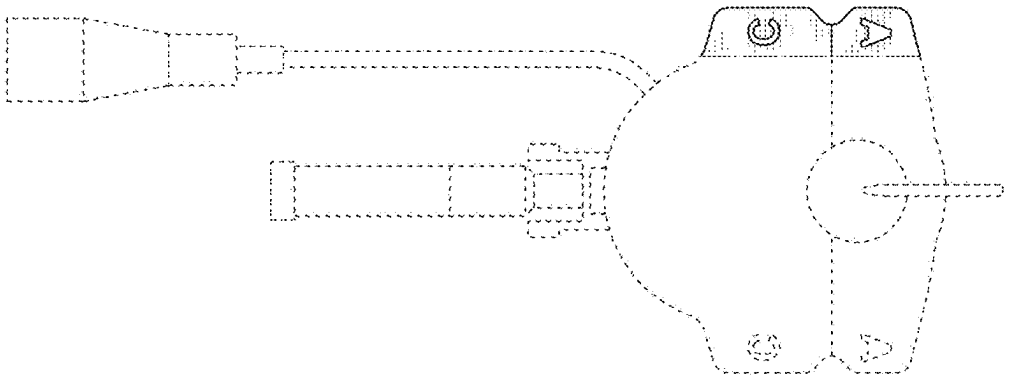

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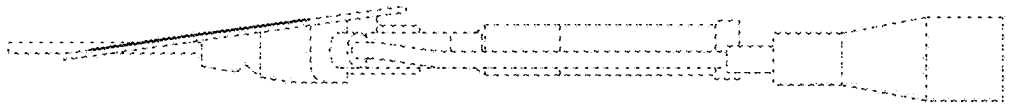

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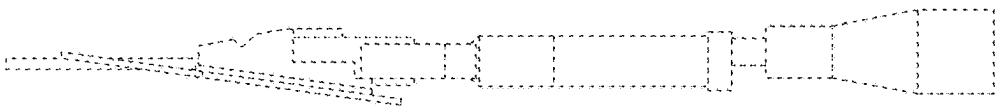

Fig. 33

Fig. 34

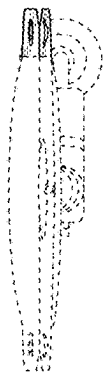

Fig. 35

Fig. 36