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

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(45) **Date of Patent:** **** Jan. 10, 2023**

(54) **SPERM INJECTION DEVICE** 4,822,332 A * 4/1989 Kajander A61F 13/263
604/16
(71) Applicant: **TENGA Co., Ltd.**, Tokyo (JP) 5,301,381 A * 4/1994 Klupt A46B 13/04
15/22.1
(72) Inventor: **Shunsuke Matsuoka**, Tokyo (JP) D412,206 S * 7/1999 Basile D24/130
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(73) Assignee: **TENGA CO., LTD.**, Tokyo (JP) 7,647,891 B2 * 1/2010 Anderson A61D 19/027
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(**) Term: **15 Years** D618,347 S * 6/2010 Bradshaw D24/112
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(21) Appl. No.: **35/511,683** 8,136,483 B2 * 3/2012 Anderson A61D 19/027
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(22) Filed: **Oct. 16, 2020** 8,771,294 B2 * 7/2014 Sepetka A61B 17/12172
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(80) **Hague Agreement Data** 8,992,505 B2 * 3/2015 Thorne, Jr. A61M 5/31596
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Int. Filing Date: **Oct. 16, 2020** D729,931 S * 5/2015 Takeuchi D24/114
Int. Reg. No.: **DM/211584** D739,524 S * 9/2015 Zemel D7/669
Int. Reg. Date: **Oct. 16, 2020** D741,476 S * 10/2015 Hiraoka D24/114
Int. Reg. Pub. Date: **Apr. 16, 2021** D743,025 S * 11/2015 Berler D24/114
(Continued)

(30) **Foreign Application Priority Data**

Jul. 14, 2020 (JP) 2020-014443

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

(52) **U.S. Cl.**

USPC **D24/141**

CPC **A61M 3/00** (2013.01)

(58) **Field of Classification Search**

USPC D24/112-114, 108, 133, 130, 127, 186;
606/181, 185; 604/264, 272, 187, 181,
604/84, 227; D28/7, 8.1; 119/860, 174

CPC A61M 5/178; A61M 3/00; A61M 5/20;
A61M 5/31; A61M 5/3146; A61M
5/3129; A61M 5/3148

See application file for complete search history.

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Peter Martinez

(57)

CLAIM

The ornamental design for a sperm injection device, as
shown and described.

DESCRIPTION

1. Sperm injection device

1.1 Front view;

1.2 Back view;

1.3 Left view;

1.4 Right view;

1.5 Top view;

1.6 Bottom view;

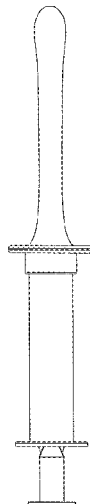
1.7 Perspective view;

1.8 First reference view;

1.9 Second reference view; and

1.10 Third reference view.

1 Claim, 10 Drawing Sheets



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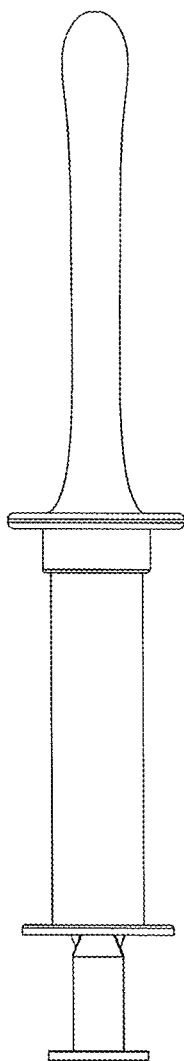


FIG 1.1

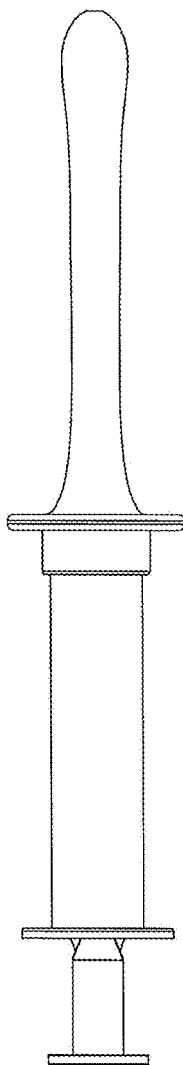


FIG 1.2

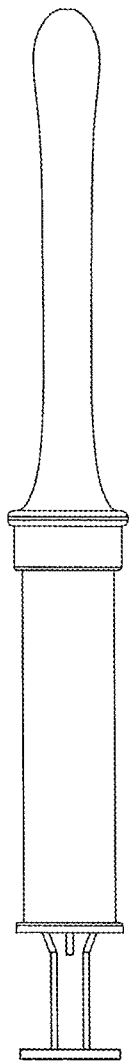


FIG 1.3

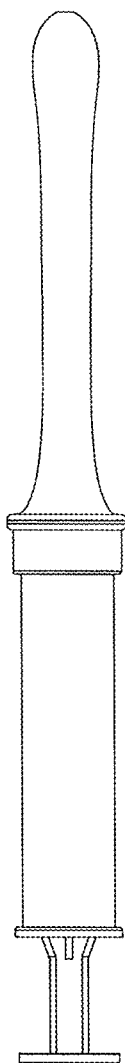


FIG 1.4

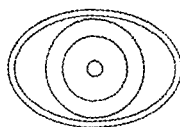


FIG 1.5

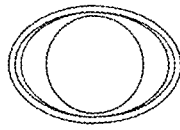


FIG 1.6

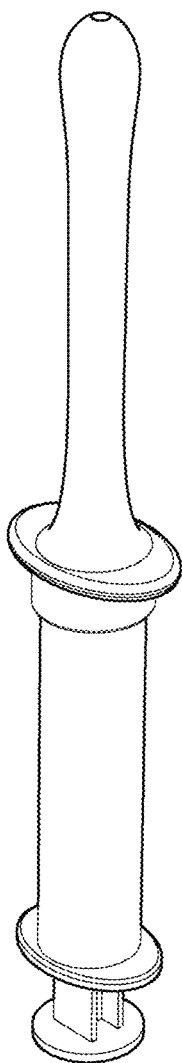


FIG 1.7

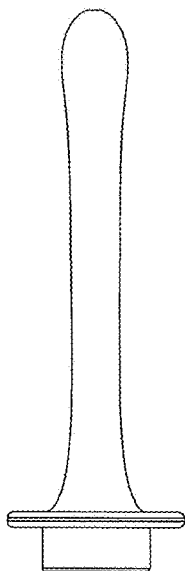


FIG 1.8

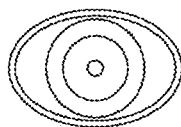


FIG 1.9

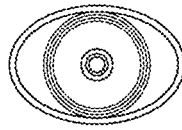


FIG 1.10