



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

(10) **Patent No.:** **US D920,535 S**
(45) **Date of Patent:** **** May 25, 2021**

- (54) **BLOOD FRACTIONATION TUBE**
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- (73) Assignee: **PLACIDEM, LLC**, Greenville, NC (US)
- (**) Term: **15 Years**

D864,380 S * 10/2019 Partsch, IV D24/112
 D867,584 S * 11/2019 Zercher B01L 3/5023
 D24/122
 D888,274 S * 6/2020 Khalaj D24/224
 D890,359 S * 7/2020 Jackson D24/224

- (21) Appl. No.: **29/700,461**
- (22) Filed: **Aug. 2, 2019**
- (51) **LOC (13) Cl.** **24-02**
- (52) **U.S. Cl.**
USPC **D24/224**
- (58) **Field of Classification Search**
USPC D24/107, 121–123, 216–232; D3/203.1;
D10/81; D9/420, 503, 516, 519–521,
D9/542, 558
CPC B01L 3/5021; B01L 3/50825
See application file for complete search history.

OTHER PUBLICATIONS

Tech Insights: Improving PBMC Isolation with EZPREP Tubes. Online, published date Mar. 25, 2020. Retrieved on Nov. 30, 2020 from URL: <https://www.biocompare.com/561888-Improving-PBMC-Isolation-with-EZPREP-Tubes/> (Year: 2020).*

* cited by examiner

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(57) **CLAIM**

We claim the ornamental design for a blood fractionation tube, as shown and described.

DESCRIPTION

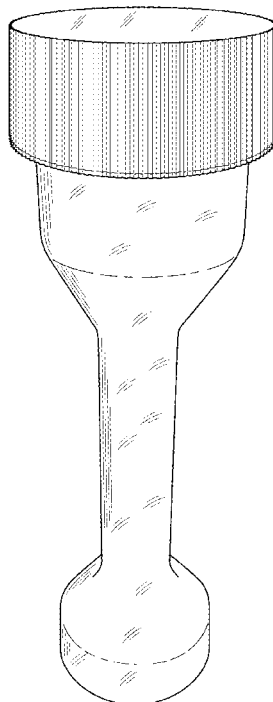
FIG. 1 is a top perspective view of a blood fractionation tube showing our new design;
FIG. 2 is a front perspective view of the blood fractionation tube of FIG. 1;
FIG. 3 is a bottom perspective view of the blood fractionation tube of FIG. 1;
FIG. 4 is a top plan view of the blood fractionation tube of FIG. 1; and,
FIG. 5 is a bottom plan view of the blood fractionation tube of FIG. 1.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D252,612 S * 8/1979 Mull D24/224
 D347,061 S * 5/1994 Phillips D24/133
 D668,778 S * 10/2012 Motadel D24/224
 D850,647 S * 6/2019 Jackson D24/224
 D860,472 S * 9/2019 Blake D24/224
 D863,548 S * 10/2019 Partsch, IV D24/112

1 Claim, 4 Drawing Sheets



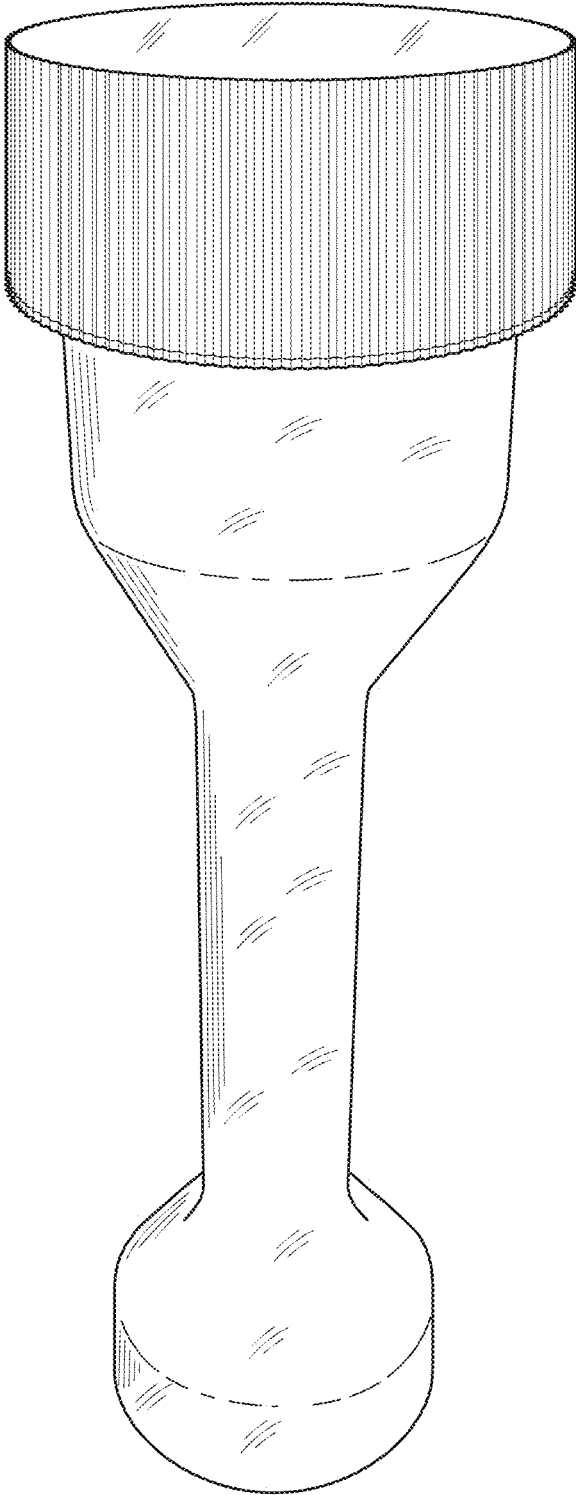


FIG. 1

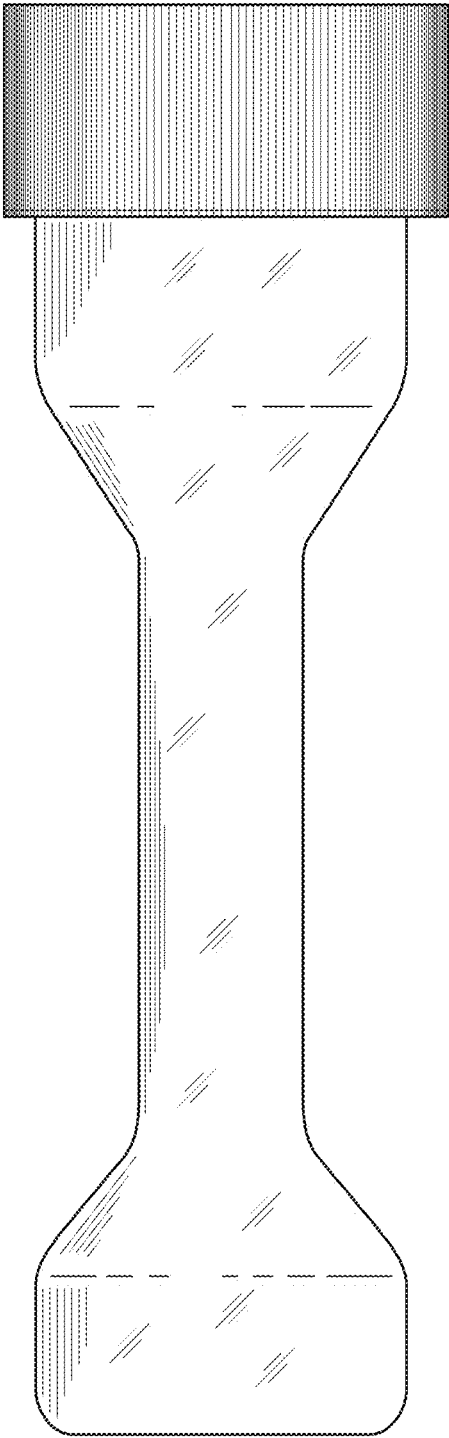


FIG. 2

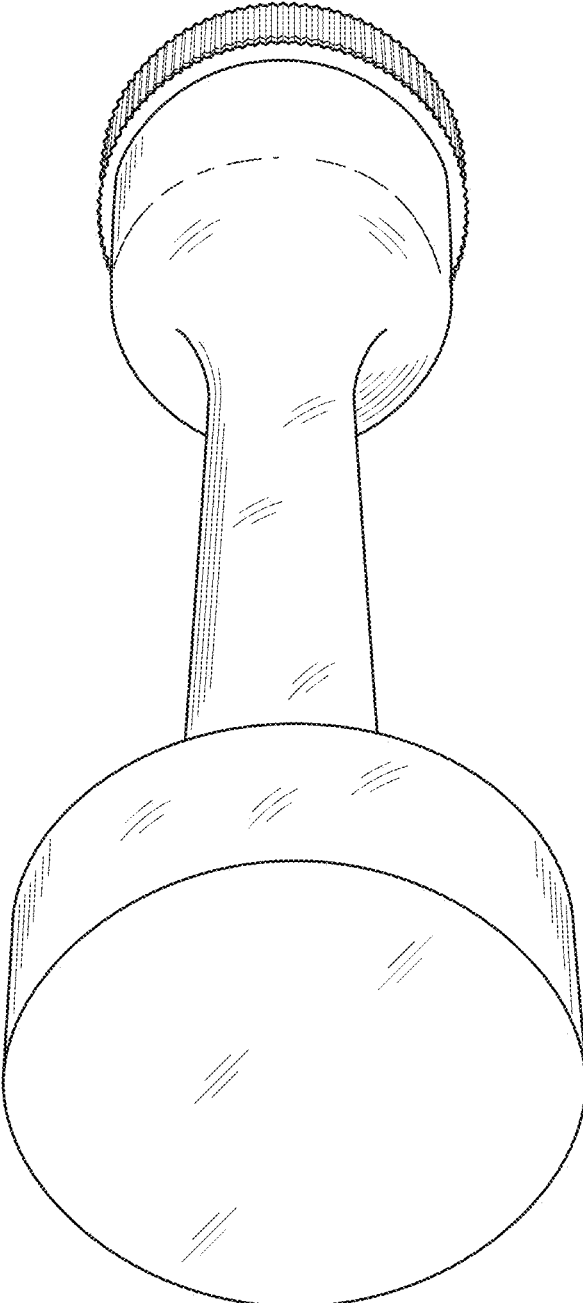


FIG. 3

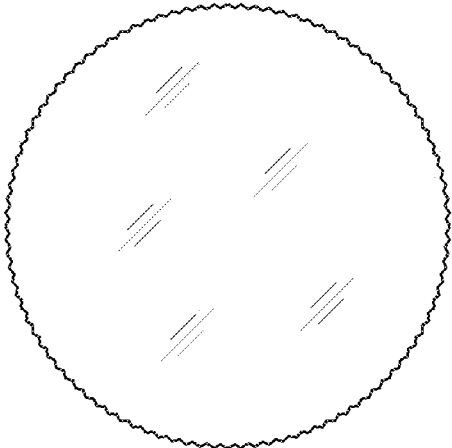


FIG. 4

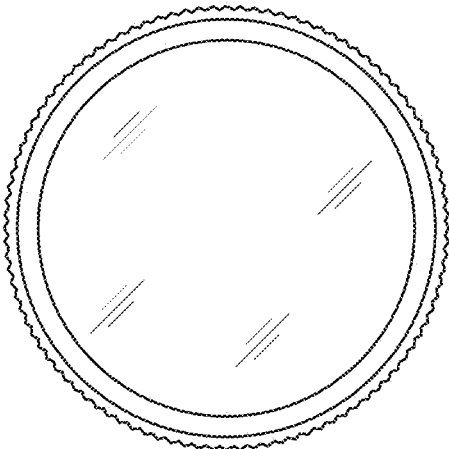


FIG. 5