

(12) United States Design Patent (10) Patent No.: US D974,589 S Decaluwé et al. (45) Date of Patent: ** Jan. 3, 2023

- (54) COLLECTION TUBE FOR LABORATORY ANALYSIS
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- (**) Term: **15 Years**

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(57) **CLAIM**

The ornamental design for a collection tube for laboratory analysis, as shown and described.

(21) Appl. No.: **29/766,699**

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,020,975 A *	5/1977	Stauffer B65D 83/0027				
		222/93				
D308,475 S *	6/1990	Gastwirt D6/377				
(Continued)						

FOREIGN PATENT DOCUMENTS

DESCRIPTION

FIG. 1 is a perspective view of disassembled parts of a collection tube for laboratory analysis showing the new design; FIG. 2 is a perspective view of the assembled parts thereof; FIG. 3 is a front view of a first part thereof; FIG. 4 is a rear view of the first part thereof; FIG. 5 is a right side view of the first part thereof; FIG. 6 is a left side view of the first part thereof; FIG. 7 is a bottom view of the first part thereof; FIG. 8 is a top view of the first part thereof; FIG. 9 is a front view of a third part thereof, the right and left side views of the third part are identical to the front view; FIG. 10 is a rear view of the third part thereof; FIG. 11 is a top view of the third part thereof; FIG. 12 is a bottom view of the third part thereof; FIG. 13 is a view of the second part thereof, the second part thereof is sphere and all views of it are identical; FIG. 14 is a right side view of the a fourth part thereof; FIG. 15 is a left side view of the fourth part thereof; FIG. 16 is a rear view of the fourth part thereof; FIG. 17 is a front view of the fourth part thereof; FIG. 18 is a top view of the fourth part thereof; and, FIG. 19 is a bottom view of the fourth part thereof. The broken lines in the drawings depict portions of the collection tube for laboratory analysis that form no part of the claimed design.

$_{\rm JP}$	D2004-33877	*	9/2005
WO	WO 2010/070130		6/2010
WO	WO 2017/153865		9/2017

OTHER PUBLICATIONS

Tissue Sampling. Online, published date unknown. Retrieved on Mar. 21, 2022 from URL: https://www.allflex.global/product/tissue-sampling/.*

(Continued)

1 Claim, 12 Drawing Sheets



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(58) Field of Classification Search

USPC D9/516, 519, 529, 549, 574, 715, 719; D3/201, 203.1, 203.2 CPC ... B29C 65/665; A61B 10/0045; A61B 5/154; A61J 1/1468; B01L 3/50825; B65D 41/04 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D337,271	S	*	7/1993	Pezzoli	D9/503
D457,452	S	*	5/2002	Christiansen	D10/96

D500,773	S	*	1/2005	Colson D15/144
D605,765	S	*	12/2009	Gaab D24/146
D640,796	S	*	6/2011	Wilkinson D24/224
D672,463	S	*	12/2012	Saad D24/138
D802,121	S	*	11/2017	Hamilton D24/122
D868,254	S	*	11/2019	Lintula D24/155
D881,410	S	*	4/2020	Motadel D24/224
D931,730	S	*	9/2021	Suid D9/504
D952,897	S		5/2022	Decaluwé et al.
2014/0249449	A1		9/2014	Hilpert et al.
2016/0007567	Al		1/2016	Decaluwé et al.
2020/0071148	A1	*	3/2020	Lin B67B 3/2053

OTHER PUBLICATIONS

DNA Requirements for Foundation—Registered Al Sires and Donor Dams. Online, published date Oct. 19, 2018 from URL: https:// simmental.org/site/index.php/pub/article-topics/genes-dna/21-commonreasons-for-delays-in-dna-testing.*

* cited by examiner

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FIG. 1

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FIG. 7

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FIG. 8

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FIG. 13

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FIG. 15

FIG. 14

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FIG. 16

FIG. 17

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FIG. 18



FIG. 19