



US0D1059136S

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

(10) **Patent No.:** **US D1,059,136 S**

(45) **Date of Patent:** **** Jan. 28, 2025**

(54) **ROTARY GRATER**

(71) Applicant: **Stephan Bianchi**, Santa Cruz, CA (US)

(72) Inventor: **Stephan Bianchi**, Santa Cruz, CA (US)

(73) Assignee: **Revise Products LLC**, Santa Cruz, CA (US)

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

(21) Appl. No.: **29/886,087**

(22) Filed: **Mar. 4, 2023**

(51) **LOC (15) Cl.** **07-04**

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

USPC **D7/678**

(58) **Field of Classification Search**

USPC D7/678, 693, 372-677, 368
CPC A47J 43/25; A47J 43/255; A47J 43/00;
A47J 42/40; A47J 42/04; A47J 42/34;
A47J 42/14; A47J 42/00; B26D 3/185;
B26D 3/26; B26D 3/283; B26D
2003/285-288; B07B 1/20; B07B 1/18

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

507,287	A	10/1893	Scarles	
855,423	A *	5/1907	Alger	A47J 42/04 D7/678
2,271,175	A *	1/1942	Mantelet	B07B 1/20 D7/678
2,502,867	A *	4/1950	Mantelet	A47J 43/255 241/273.3
2,587,186	A	2/1952	Mantelet	
2,604,916	A	7/1952	Mantelet	
D235,501	S *	6/1975	Mantelet	D7/678
4,201,349	A	5/1980	Walsh	
D276,202	S *	11/1984	Shun	D7/693
4,891,883	A	1/1990	Mantele	

(Continued)

FOREIGN PATENT DOCUMENTS

DE 411743 C 4/1925
EP 3610801 A2 2/2020

(Continued)

OTHER PUBLICATIONS

Amazon.com. Tonma Multi-purpose Rotary Cheese Grater with 1 SS Handheld Drums for Parmesan, Mozzarella, Vegetables and More, Ergonomic Design. ASIN: CG0120191230. date first available Dec. 30, 2019 (Year: 2019).*

(Continued)

Primary Examiner — Terry A Wallace

(74) *Attorney, Agent, or Firm* — The Law Office of Patrick F. O'Reilly III, LLC

(57) **CLAIM**

The ornamental design for a rotary grater, as shown and described.

DESCRIPTION

FIG. 1 is a top plan view of a rotary grater showing my new design.

FIG. 2 is a bottom plan view thereof.

FIG. 3 is a left side view thereof.

FIG. 4 is a right side view thereof.

FIG. 5 is a front view thereof.

FIG. 6 is a rear view thereof.

FIG. 7 is a right side, top perspective view thereof.

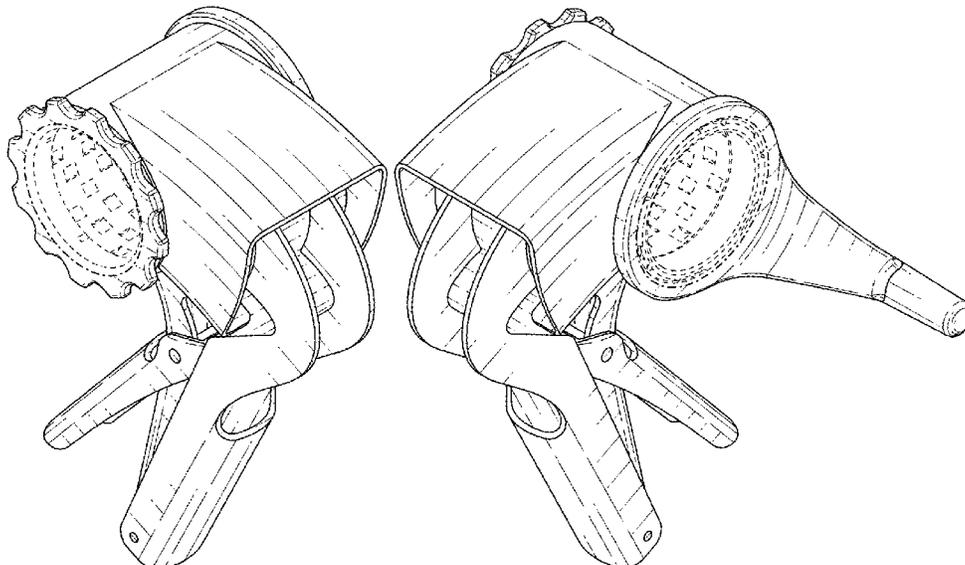
FIG. 8 is a left side, top perspective view thereof.

FIG. 9 is a right side, bottom perspective view thereof; and,

FIG. 10 is a left side, bottom perspective view thereof.

The broken line portions of the drawing figures are included to show unclaimed subject matter only and form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,660,341 A * 8/1997 Perkins A47J 43/255
241/169.1
5,803,378 A * 9/1998 Wolters A47J 43/255
241/273.3
6,409,107 B1 6/2002 Romano
D493,074 S * 7/2004 Brousseau D7/678
6,766,972 B1 7/2004 Prommel et al.
D517,871 S * 3/2006 Takayama D7/678
D517,873 S * 3/2006 So D7/678
7,137,581 B2 * 11/2006 Takayama A47J 43/255
241/273.3
D537,305 S * 2/2007 Wan D7/678
7,337,997 B2 * 3/2008 Ko A47J 43/255
241/168
D578,839 S * 10/2008 McGuyer D7/678
7,793,875 B2 9/2010 Hurst
D679,962 S * 4/2013 Ruegg D7/678
8,789,781 B2 * 7/2014 Sampaio A47J 43/255
241/169.2
D787,897 S * 5/2017 Rose D7/678
11,278,285 B2 3/2022 Deck et al.
2004/0079820 A1 4/2004 So
2005/0082401 A1 * 4/2005 Takayama A47J 43/255
241/168
2007/0175342 A1 8/2007 Knusel
2008/0271614 A1 11/2008 Chan
2010/0270406 A1 * 10/2010 Grace A47J 43/255
241/273.3
2011/0284670 A1 11/2011 Jenkins et al.
2013/0206883 A1 8/2013 Ebrahim
2023/0277008 A1 * 9/2023 Bianchi A47J 43/255
241/169.1

FOREIGN PATENT DOCUMENTS

EP 3599836 B1 5/2021
WO 1999010100 A1 3/1999

OTHER PUBLICATIONS

“Microplane 2 In 1 Rotary Grater-Black Classic,” NocNoc Website, Web page <<https://nocnoc.com/p/Kitchen-Knives/Microplane-2-in-1-Rotary-grater-Black-%E0%B8%97%E0%B8%B5%E0%B9%88%E0%B8%82%E0%B8%B9%E0%B8%94%E0%B8%9C%E0%B8%B4%E0%B8%A7%E0%B8%8B%E0%B8%B5%E0%B8%AA-classic/10948064>> 1 page, dated at least as early as Feb. 2010, retrieved from www.nocnoc.com website on Jul. 4, 2024.
“Chef’n Spring Loaded Rotary Cheese Grater, Easy to Clean, White”, Amazon Website, Web page <<https://www.amazon.com/Chefn-Spring-Loaded-Rotary-Cheese/dp/B07M65SDPR>>, 10 pages, dated at least as early as Apr. 2019, retrieved from www.amazon.com website on Jul. 4, 2024.
“Rotary Grater, Indigo”, Amazon Website, Web page <<https://www.amazon.com/Savora-5099600-Rotary-Grater-Indigo/dp/B00BEKYL00?th=1>>, 8 pages, dated Feb. 11, 2013, retrieved from www.amazon.com website on Jul. 4, 2024.

“Pampered Chef Cheese Rotary Grater”, Amazon Website, Web page <<https://www.amazon.com/Pampered-Chef-Cheese-Rotary-Grater/dp/B001UP20KW>>, 7 pages, dated Mar. 5, 2009, retrieved from www.amazon.com website on Jul. 4, 2024.
“LHS Rotary Cheese Graters for Kitchen, Professional Manual Crank Handheld Cheese Grater with Stainless Steel Drum for Grating Hard Cheese, Chocolate, Nuts and More”, Amazon Website, Web page <<https://www.amazon.com/LHS-Graters-Handheld-Stainless-Chocolate/dp/B07X7W8GLW?th=1>>, 8 pages, dated at least as early as Dec. 2019, retrieved from www.amazon.com website on Apr. 13, 2024.
PCT Form 210, International Search Report for PCT/US2023/014553, 2 pages, mailed on May 25, 2023.
PCT Form 237, Written Opinion of the International Searching Authority for PCT/US2023/014553, 5 pages, mailed on May 25, 2023.
“Zyliss Classic Rotary Cheese Grater”, Kitchen & Company Website, Web page <<https://kitchenandcompany.com/products/zyliss-classic-rotary-cheese-grater>>, 2 pages, dated at least as early as Apr. 2022, retrieved from www.kitchenandcompany.com website on Jul. 4, 2024.
“Zyliss Professional Cheese Grater, NSF Certified”, Zyliss Website, Web page <<https://zyliss.com/products/zyliss-professional-cheese-grater-e900020u>>, 5 pages, dated at least as early as Apr. 2020, retrieved from www.zyliss.com website on Jul. 4, 2024.
“Rotary Cheese Grater”, Lee Valley Website, Web page <<https://www.leevalley.com/en-us/shop/kitchen/kitchen-tools/graters-and-zesters/111808-rotary-cheese-grater?item=EV534>>, 5 pages, dated at least as early as Apr. 2022, retrieved from www.leevalley.com website on Jul. 4, 2024.
“Chef’n Chef’s GraterZoom Grater and Slicer, One Size, Arugula/Wasabi”, Amazon Website, Web page <<https://www.amazon.com/Chefn-102-740-337-GraterZoom-Grater-Arugula/dp/B07DNSX1W9>>, 7 pages, dated Jun. 12, 2018, retrieved from www.amazon.com website on Jul. 4, 2024.
“Zulay Kitchen Cheese Grater Hand Crank, Grater For Kitchen With Reinforced Suction—Rotary Cheese Grater With 3 Replaceable Stainless Steel Blades—Easy to Use & Clean—Vegetable Cutter—Blue”, Amazon Website, Web page <<https://www.amazon.com/Zulay-Rotary-Cheese-Grater-Blades/dp/B08RD2FPP6?th=1>>, 10 pages, dated Oct. 11, 2021, retrieved from www.amazon.com website on Jul. 4, 2024.
“Fante’s Rotary Cheese Grater, The Italian Market Original Since 1906, Green”, Amazon Website, Web page <<https://www.amazon.in/Fantes-Cousin-Bartolomeos-Rotary-Cheese/dp/B010S2NC72>>, 4 pages, dated Sep. 1, 2017, retrieved from www.amazon.com website on Jul. 4, 2024.
“Grate Master Shredder”, Tupperware Website, Web page <<https://www.tupperware.com/products/grate-master-shredder-accessory>>, 1 page, dated at least as early as Apr. 2022, retrieved from www.tupperware.com website on Jul. 4, 2024.
“Nut and Cheese Grater by Rigamonti”, Amazon Website, Web page <https://www.amazon.com/SCI-Scandicrafts-Rigamonti_40-Cheese-Rigamonti/dp/B0006GZ4Y0>, 7 pages, dated Nov. 29, 2006, retrieved from www.amazon.com website on Jul. 4, 2024.

* cited by examiner

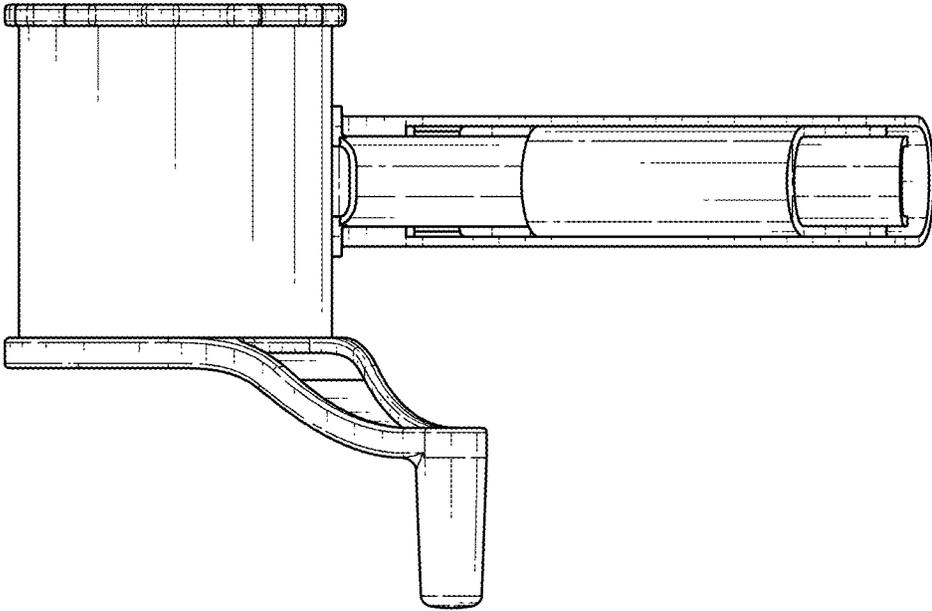


FIG. 2

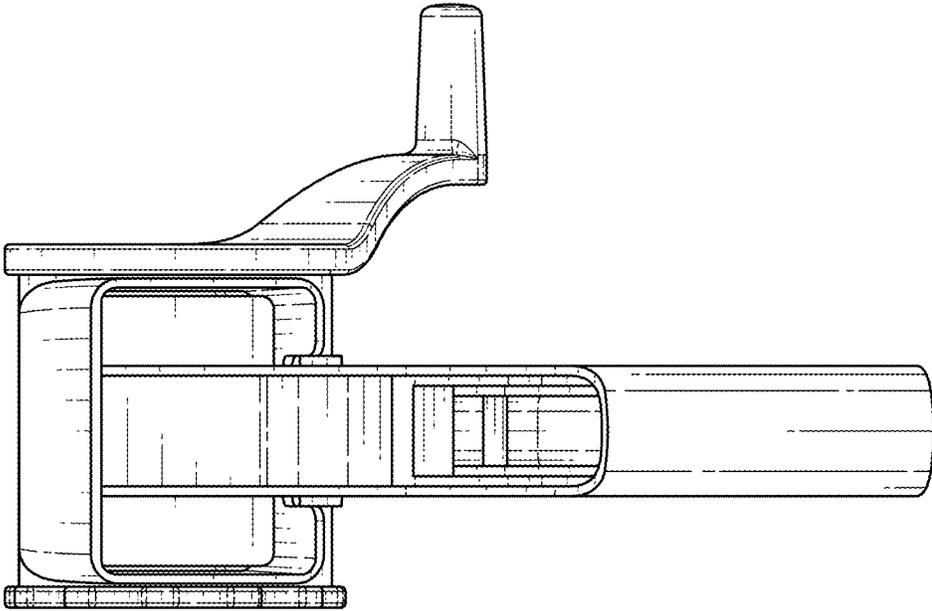


FIG. 1

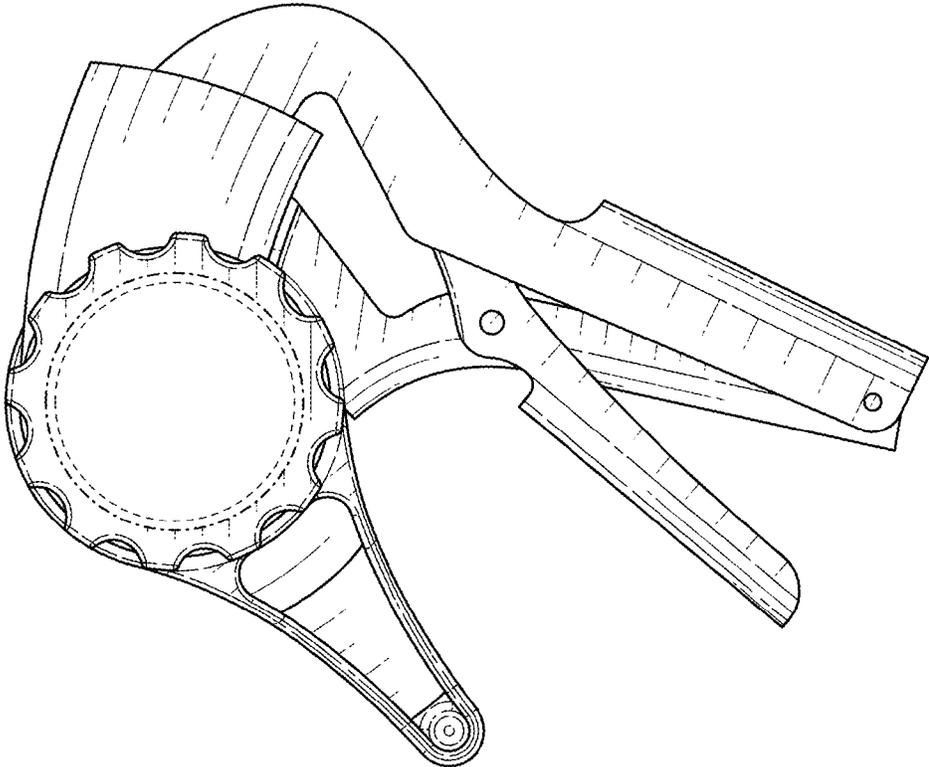


FIG. 4

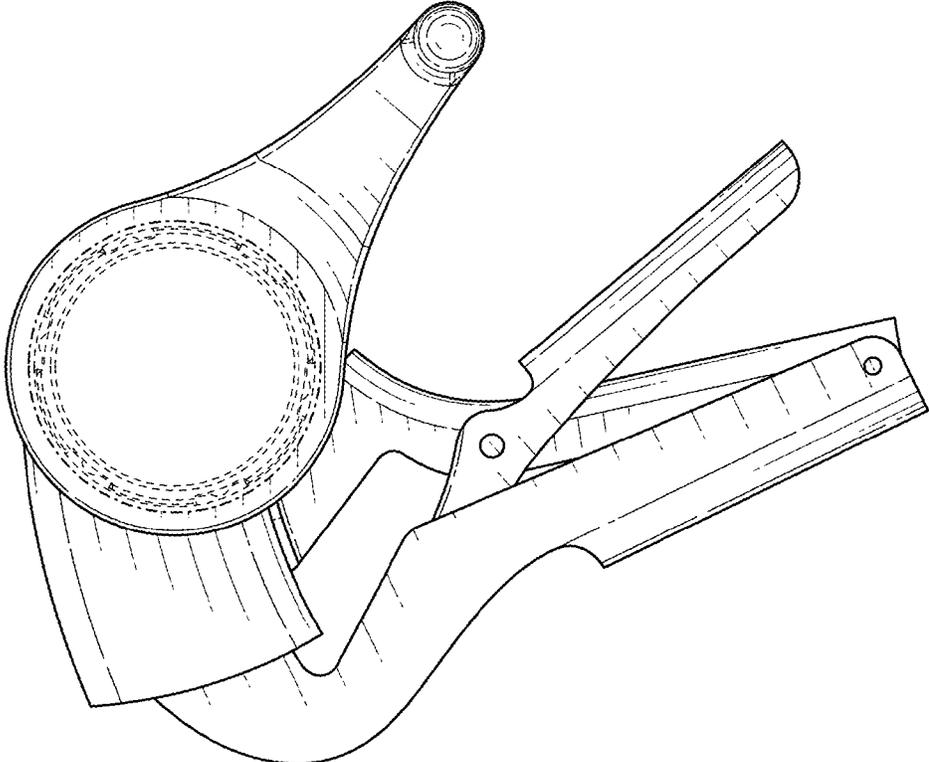


FIG. 3

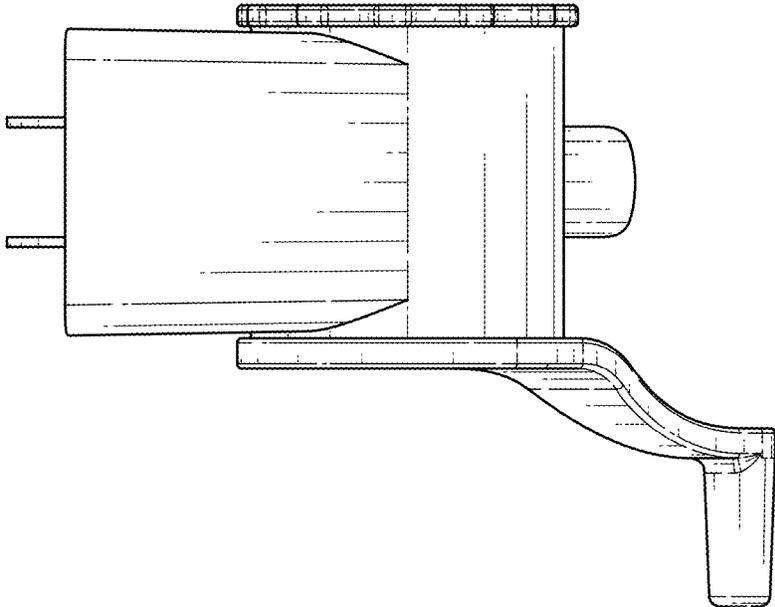


FIG. 5

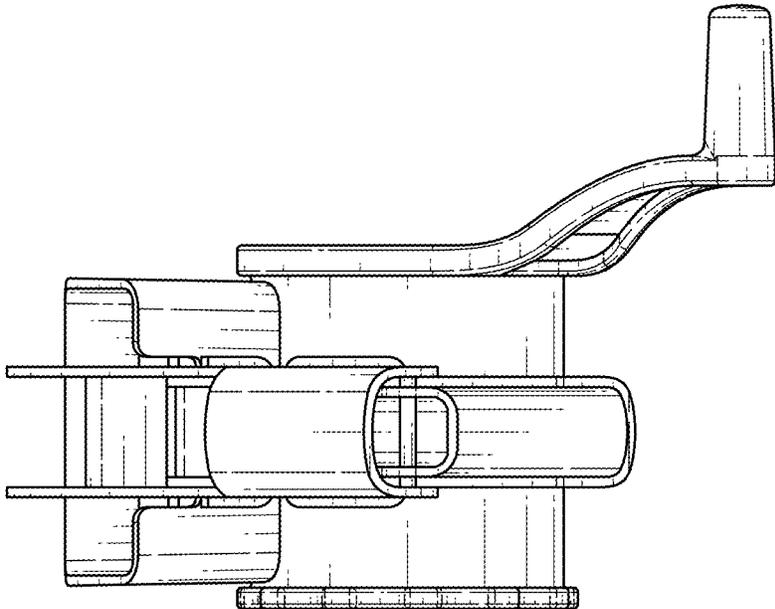


FIG. 6

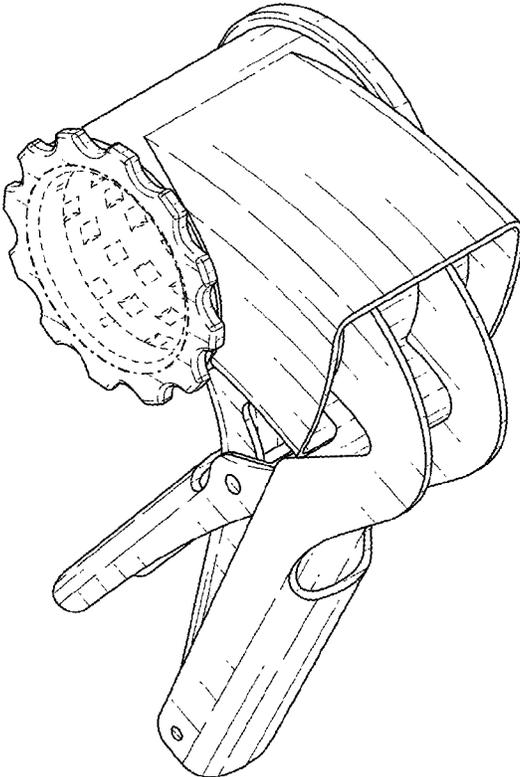


FIG. 7

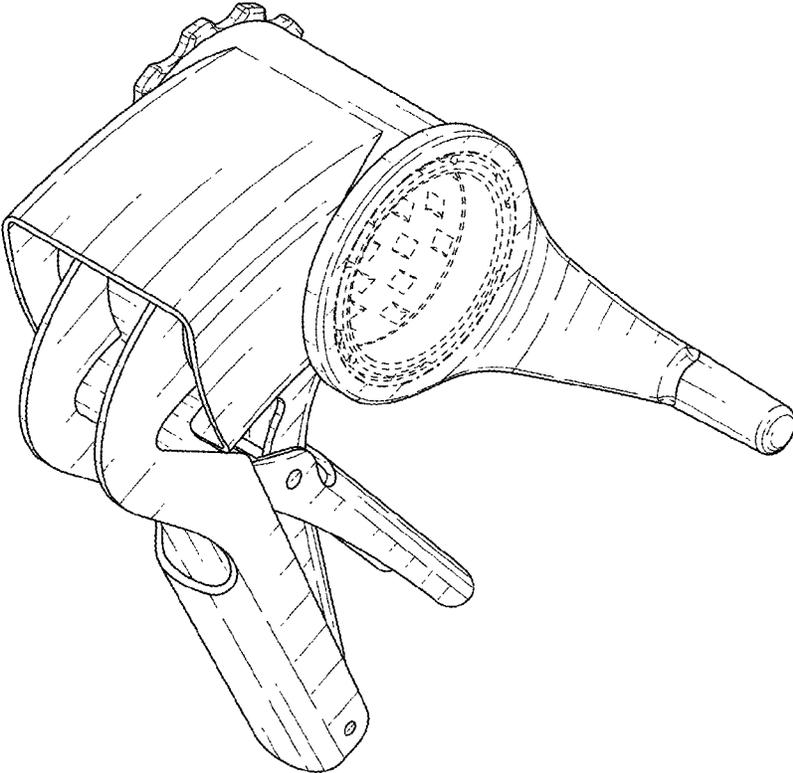


FIG. 8

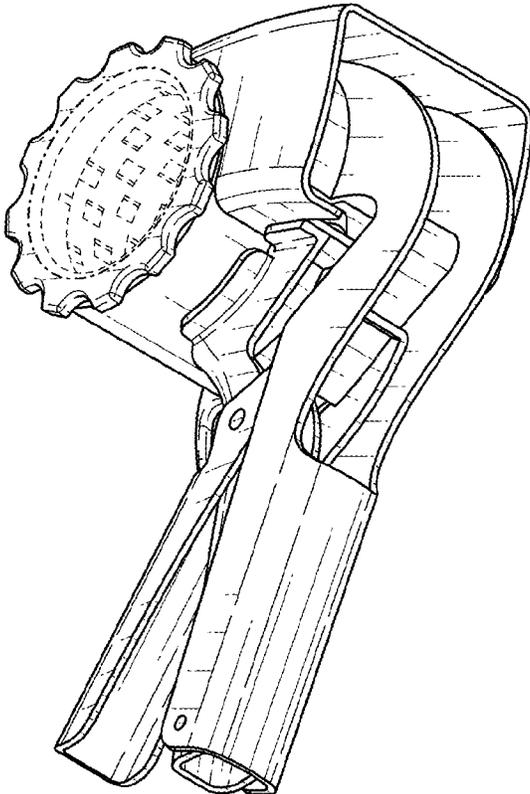


FIG. 9

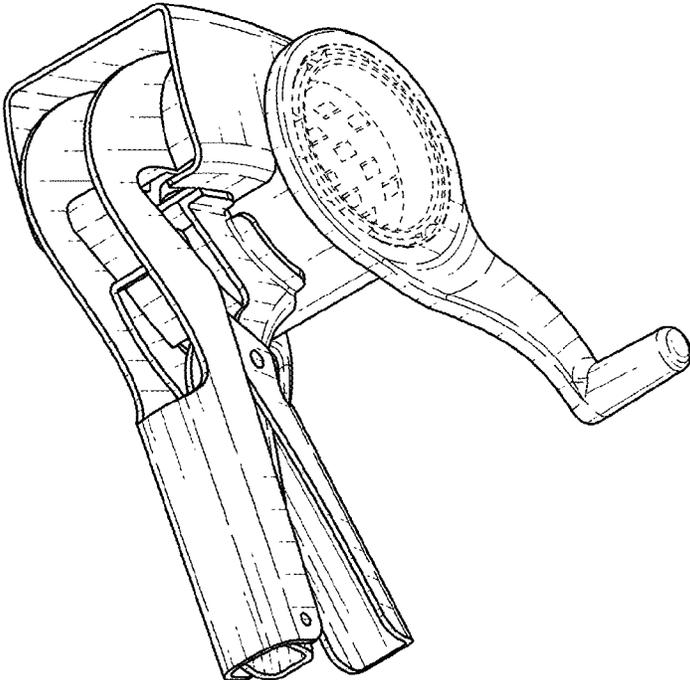


FIG. 10