

Foundation Patents Inventors' Published Patents and Trademarks

ELECTROMAGNETIC GUN SAFE

<https://patents.google.com/patent/US20200096290A1/en?q=US+2020-0096290+A1>



US 20200096290A1

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2020/0096290 A1**
(21) **HUI** (43) **Pub. Date: Mar. 26, 2020**

(54) **ELECTROMAGNETIC GUN OPEN SAFE**

(52) **U.S. CL.**
CPC *F41C 33/06* (2013.01); *G07C 9/00563*
(2013.01); *E05B 65/0075* (2013.01)

(71) Applicant: **ALEXANDER CHEE HO HUI**, San Mateo, CA (US)

(72) Inventor: **ALEXANDER CHEE HO HUI**, San Mateo, CA (US)

(57) **ABSTRACT**

(21) Appl. No.: **16/581,643**

(22) Filed: **Sep. 24, 2019**

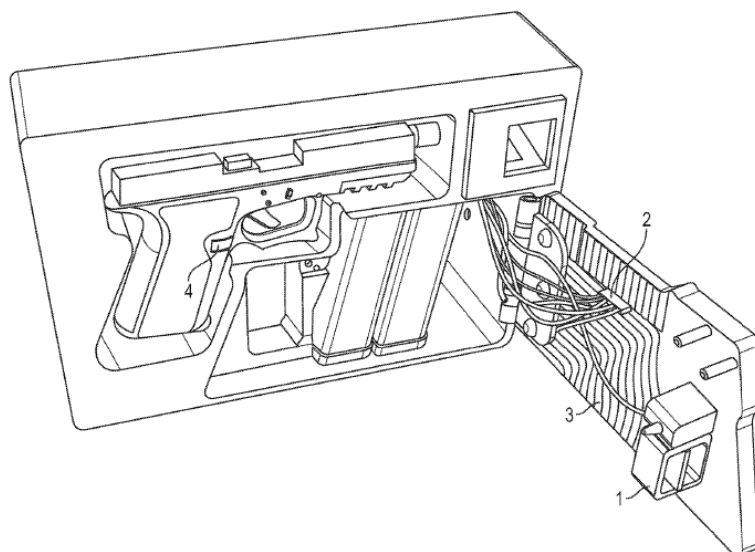
Related U.S. Application Data

(60) Provisional application No. 62/736,164, filed on Sep. 25, 2018.

Publication Classification

(51) **Int. Cl.**
F41C 33/06 (2006.01)
E05B 65/00 (2006.01)
G07C 9/00 (2006.01)


An electromagnetic gun-locking safe, substantially harder to defeat than mere mechanical-system trigger locks, wherein the safe allows visibility of the gun at all times, wherein the safe utilizes over 1000 lbs. of electromagnetic force, and wherein said magnetic force, along with the shape of the safe's enclosure, along with an integrated trigger lock, together prevent the pistol from being removed, moved or slid, and wherein the trigger and other gun mechanisms can not be operated unless the gun owner activates a unique lock configuration system to deactivate said electromagnet to access the gun and its trigger mechanism.



® Trademark for REP SHEET

https://tsdr.uspto.gov/#caseNumber=90293040&caseSearchType=US_APPLICATION&caseType=DEFAULT&searchType=documentSearch


United States of America
United States Patent and Trademark Office


 **Rep Sheet**

Reg. No. 6,504,116
Registered Sep. 28, 2021
Int. Cl.: 35
Service Mark
Principal Register

Mark Stevenson (UNITED STATES INDIVIDUAL)
59 Iron Horse Lane
Walnut Creek, CALIFORNIA 94597

CLASS 35: Business research; Business research and surveys; Business research consultation; Business research services, namely, providing analysis of retail data on specific business locations; Business consulting and management in the field of clinical trials, namely, clinical data and regulatory submission management on behalf of medical, biotechnology and biotechnology companies to assist them with clinical research, clinical trials and applications for drug approval; Business investigations, evaluations, expert appraisals, information and research; Business services, namely, consumer research and consulting related thereto; Employment recruiting and staffing services provided via text messaging; Employment recruiting consultation; Employment recruiting services; Employment counseling and recruiting; Employment listing, recruiting, placement, staffing and career networking services; Executive recruiting services; Resume preparation; Resume writing; Business management consultation in the field of executive and leadership development; Computer-assisted business information and research services; Conducting business research and surveys; Conducting business and market research surveys; Conducting on-line business management research surveys; Consultation services in the field of company, business sector and industry data and research; International business consulting services relating to merchandise trading, human resource interchange, management support, marketing, advertising, promotion, and domestic and international market research and development; International business consulting services relating to technology sales recruiting; Market research and business analyses; On-line business research service that allows the user to analyze opinion trends contained in documents on the Internet; Online business research services that allow users to share opinions with a marketing research company related to everyday consumer products and services; Online business research services that allow users to engage in technology sales employment recruiting; Personnel recruitment services and employment agencies; Providing business research services, namely, researching dental patient insurance information for dental offices; Providing a database of resumes of prospective employees; Providing an interactive web site featuring resume writing information to facilitate preparation of resumes; Providing on-line employment information in the field of technology sales employment recruiting; Providing on-line employment placement services, namely, matching resumes and potential employers via a global computer network; Providing on-line interactive employment counseling and recruitment services; Talent recruiting services in the field of technology sales recruiting; Vendor on-premise services, namely, the administration of the employment process on-site, including resume review and checking, employment application acquisition, advertising for recruitment, conduct of interviews, and reference checking; Video production services in the field of employment recruiting; Writing of resumes for others; Writing of resumes for others


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United States of America in the Intellectual Property and
Director of the United States Patent and Trademark Office



® Trademark for POLYMARM

https://tsdr.uspto.gov/#caseNumber=88606494&caseSearchType=US_APPLICATION&caseType=DEFAULT&searchType=documentSearch

United States of America
United States Patent and Trademark Office



Reg. No. 6,191,126
Registered Nov. 03, 2020
Int. Cl.: 19
Trademark
Principal Register

GE RANGEL (UNITED STATES INDIVIDUAL)
711 S. San Joaquin St.
Stockton, CALIFORNIA 95203

CLASS 19: Slabs, not of metal, for building; Tile flooring, not of metal; Tile floorings, not of metal; Tiles and paving slabs, not of metal; Tiles, not of metal, for building; Ceramic tiles for the floors and coverings; Mosaic art tiles made of marble; Non-metal slabs of artificial synthetic cultured composite faux marble; Non-metal tile trim; Non-metal tiles for walls, floors or ceilings; Non-metal ceiling tiles; Non-metal mosaic tiles for building; Non-metal wall tiles; Non-metal paving slabs; Tiles with floor tiles; Wall tiles, not of metal.

FIRST USE 6-13-2013; IN COMMERCE 6-13-2013

The color(s) black, navy, tan and brown is/are claimed as a feature of the mark.

The mark consists of a central diamond-shaped element in a navy to black gradient containing the interwoven, tan letters "P" and "M", under which are the words "POLYMARM" with "POLY" appearing in black and "MARM" in bold navy lettering above the words "LUXURY PANELS" in a black to navy gradient. All of the foregoing over a tan background with brown accent, resembling a marble design.

No claim is made to the exclusive right to use the following apart from the mark as shown: "LUXURY PANELS."

SER. NO. 88-606,494, FILED 09-05-2019


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United States of America in the Intellectual Property and
Director of the United States
Patent and Trademark Office



SEMICONDUCTOR STRUCTURE ALLOWING LIQUID THERMAL MATERIAL
<https://uspto.report/patent/app/20200183323>



US010643924B1

(12) **United States Patent**
Shen

(10) **Patent No.:** **US 10,643,924 B1**
(45) **Date of Patent:** **May 5, 2020**

- (54) **HEAT-DISSIPATING LID WITH RESERVOIR STRUCTURE AND ASSOCIATED LIDDED FLIP CHIP PACKAGE ALLOWING FOR LIQUID THERMAL INTERFACING MATERIALS**
- (71) Applicant: **Yuci Shen**, San Jose, CA (US)
- (72) Inventor: **Yuci Shen**, San Jose, CA (US)
- (*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.
- (21) Appl. No.: **16/400,666**
- (22) Filed: **May 1, 2019**
- (51) **Int. Cl.**
H01L 23/34 (2006.01)
H01L 23/42 (2006.01)
H01L 25/065 (2006.01)
- (52) **U.S. Cl.**
CPC **H01L 23/42** (2013.01); **H01L 25/0655** (2013.01)
- (58) **Field of Classification Search**
CPC H01L 23/42; H01L 2924/161; H01L 2924/1611; H01L 2924/1615
USPC 257/704, 713, 714
See application file for complete search history.

(56) **References Cited**

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257/E21.499

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165/104.33
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165/80.4
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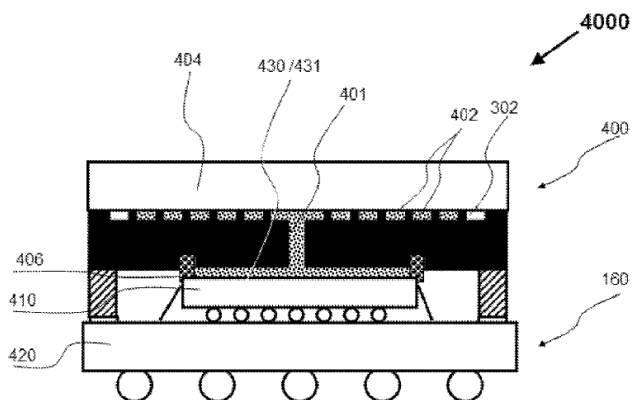
* cited by examiner

Primary Examiner — Nitin Parekh
(74) *Attorney, Agent, or Firm* — Foundation Patents, LLP; Richard Bennett Salles

(57) **ABSTRACT**

The disclosure describes a heat-dissipating object having a reservoir structure so that a reservoir system can be formed in an electronic device, allowing for a liquid TIM (thermal interface material) in the gap between the heat-dissipating object and the heat-generating object of the electronic device. The reservoir structure comprises a seal ring, a connecting hole and a reservoir which is a space for taking in a liquid material and releasing it again when needed. As a specific case of the heat-dissipating object and the electronic device, a lid having a reservoir structure and a lidded flip chip package based on the lid are particularly described in details of the embodiments of the present invention.

4 Claims, 17 Drawing Sheets



ARTIFICIAL INTELLIGENCE SIMULATION PLATFORM

[https://patentimages.storage.googleapis.com/ab/60/40/d546c72f918a2d/US20210173011A1.p
df](https://patentimages.storage.googleapis.com/ab/60/40/d546c72f918a2d/US20210173011A1.pdf)



US 20210173011A1

(19) **United States**

(12) **Patent Application Publication** (10) **Pub. No.: US 2021/0173011 A1**
(43) **Pub. Date: Jun. 10, 2021**

(54) **PHYSICS-BASED ARTIFICIAL
INTELLIGENCE INTEGRATED
SIMULATION AND MEASUREMENT
PLATFORM**

(52) **U.S. CL.**
CPC *G01R 31/318357* (2013.01); *G06F 30/27*
(2020.01); *G06F 30/12* (2020.01); *G06K*
9/6262 (2013.01); *G06K 9/6228* (2013.01);
G06K 9/6247 (2013.01); *G06N 3/08* (2013.01)

(71) Applicants: **HAMED KAJBAF**, SAN JOSE, CA
(US); **Farideh Fazayeli**, San Jose, CA
(US)

(57) **ABSTRACT**

(72) Inventors: **HAMED KAJBAF**, SAN JOSE, CA
(US); **Farideh Fazayeli**, San Jose, CA
(US)

Apparatus and associated methods relate to augmenting a device model identified by artificial intelligence, with measurements of physical parameters, iteratively validating and verifying the augmented model until the augmented model satisfies a quality criterion determined as a function of the artificial intelligence, and automatically synthesizing an interactive simulation and measurement environment, based on the model. The model may be identified by the artificial intelligence based on measurement of a device operating characteristic. The physical parameter measurements the model is augmented with may be determined by the artificial intelligence, based on the model. The model may include a component, sub-system, and system model, permitting validation and verification through multiple levels. Various implementations may automatically generate a measurement scenario including communication commands configured to validate and verify the augmented model. Some designs may provide visualization of synthesized simulation and measurement output generated as a function of the validated and verified augmented model.

(21) Appl. No.: **17/112,523**

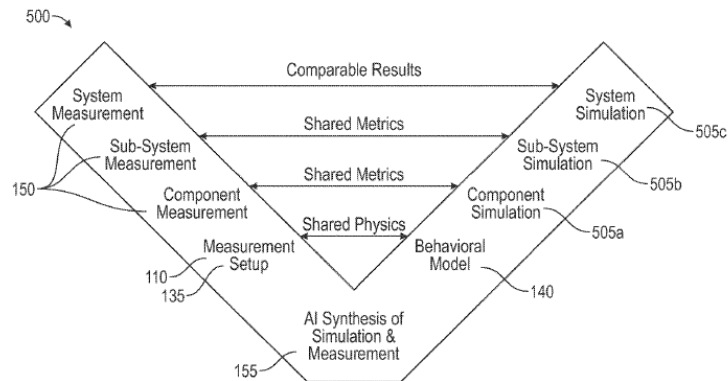
(22) Filed: **Dec. 4, 2020**

Related U.S. Application Data

(60) Provisional application No. 62/945,008, filed on Dec. 6, 2019.

Publication Classification

(51) **Int. CL.**
G01R 31/3183 (2006.01)
G06F 30/27 (2006.01)
G06F 30/12 (2006.01)
G06N 3/08 (2006.01)
G06K 9/62 (2006.01)



ADJUSTABLE DENTAL CASSETTE SYSTEM

<https://patents.google.com/patent/US20190192268A1/en?q=ADJUSTABLE+DENTAL+CASSETTE+SYSTEM%27&oq=ADJUSTABLE+DENTAL+CASSETTE+SYSTEM%27>



US 20190192268A1

(19) **United States**

(12) **Patent Application Publication**
FADHL

(10) **Pub. No.: US 2019/0192268 A1**

(43) **Pub. Date: Jun. 27, 2019**

(54) **ADJUSTABLE DENTAL CASSETTE SYSTEM**

(71) Applicant: **MARY FADHL, DANVILLE, CA (US)**

(72) Inventor: **MARY FADHL, DANVILLE, CA (US)**

(21) Appl. No.: **15/926,543**

(22) Filed: **Mar. 20, 2018**

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

CPC **A61C 19/002** (2013.01); **A61C 19/02**
(2013.01); **A61L 2/07** (2013.01); **A61L 2/025**
(2013.01)

(57) **ABSTRACT**

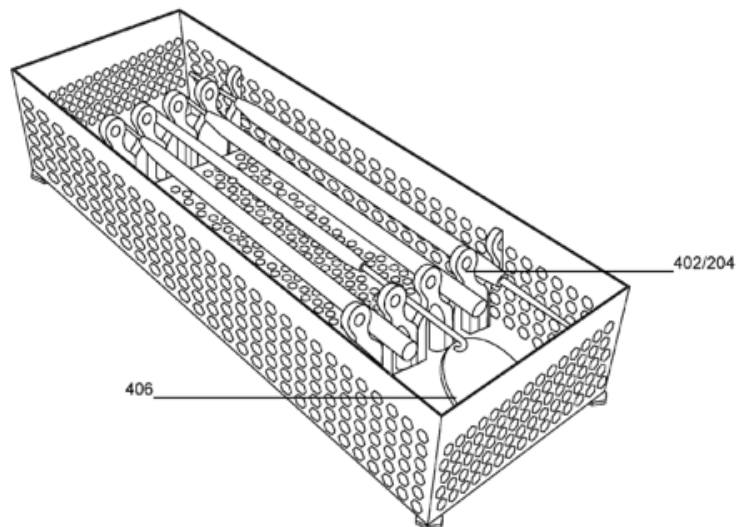
Related U.S. Application Data

(60) Provisional application No. 62/508,387, filed on May 18, 2017.

Publication Classification

(51) **Int. Cl.**
A61C 19/00 (2006.01)
A61L 2/025 (2006.01)
A61L 2/07 (2006.01)

A novel dental cassette featuring a 'pop-in' securing gripper-rails system to clamp odd-shaped dental instruments, while providing adjustable canting, gripping, and drainage capacity through its materials, design and engineering. The silicon gripping posts and feet, and the shovel-and-groove clamps, and the plurality of hex [preferred] holes, provide superior anchorage for dental instruments through autoclave and sterilization processes.



FLIP & SHIP SYSTEM - COMBINED SHOPPING BAG & SHIPPING ENVELOPE

<https://patents.google.com/patent/USD869288S1/en?q=COMBINED+SHOPPING+BAG+%26+SHIPPING+ENVELOPE&type=DESIGN>



US00D869288S

(12) **United States Design Patent** (10) **Patent No.:** **US D869,288 S**
Pawasittichot (45) **Date of Patent:** **** Dec. 10, 2019**

(54) **COMBINED SHOPPING BAG AND SHIPPING ENVELOPE** D201,404 S * 6/1965 Antelo D19/4
D204,818 S * 5/1966 Sussmann D3/303
D385,487 S * 10/1997 Gonther D9/704
6,644,538 B1 * 11/2003 Schnitzer B42D 15/006
229/300
D719,035 S * 12/2014 Martin B65D 75/008
D9/704
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D761,016 S * 7/2016 Barina D3/243
D764,940 S * 8/2016 Garcia D9/703
D799,981 S * 10/2017 Miyamoto D9/703
2007/0051780 A1 * 3/2007 Andersen B65D 27/005
229/68.1
* cited by examiner
Primary Examiner — Abraham Bahta
(74) *Attorney, Agent, or Firm* — Richard Bennett Salles
(57) **CLAIM**
The ornamental design for a combined shopping bag and shipping envelope, as shown and described.
DESCRIPTION
FIG. 1 is a perspective view of the combined shopping bag and shipping envelope wherein the bag is unfolded state; FIG. 2 is a rear view thereof; the bag shown in a folded state; FIG. 3 is another perspective view thereof; wherein the bag is in unfolded state; FIG. 4 is a front perspective view thereof; wherein the bag is in a folded-closed state; and, FIG. 5 is a perspective view thereof; wherein the bag is in an open state revealing the pocket of the bag. The broken line showing of portions of the combined shopping bag and shipping envelope is included for the purpose of illustrating perforations and are herein part of the claimed design.
1 Claim, 5 Drawing Sheets
(21) Appl. No.: 29/616,163
(22) Filed: Sep. 1, 2017
(51) **LOC (12) Cl.** 09-05
(52) **U.S. Cl.** D9/703
USPC D9/703
(58) **Field of Classification Search**
USPC D9/702-714, 719, 738-740, 517-518, D9/522, 416, 435, 444, 460, 455, 414, D9/499, 431-432; D7/560-562; 206/434, 426-427, 429-430, 485, 485.1, 206/499, 508, 431, 418-422, 588-594; 229/117.3, 185, 121, 122, 200, 207, 236, 229/87.01; 220/23.83; 150/100-118; 294/137, 152; 383/6, 10, 14, 20, 40, 33, 383/104-105, 117, 108, 120, 93, 121.1, 383/127; 428/34.3
CPC B65D 33/00; B65D 33/06; B65D 33/065; B65D 33/14; B65D 33/1683; B65D 33/12; B65D 31/00; B65D 31/04; B65D 31/10; A45C 3/04; A45C 3/10
See application file for complete search history.
(56) **References Cited**
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D147,494 S * 9/1947 Eisner 224/601
D176,924 S * 2/1956 Michaels D3/241





US010471626B1

(12) **United States Patent**
Dumuk et al.

(10) **Patent No.:** **US 10,471,626 B1**(45) **Date of Patent:** **Nov. 12, 2019**(54) **NICKEL BISCUIT JOINER**(71) Applicants: **Gerard Dumuk**, Hayward, CA (US);
Rachel McConnell, Hayward, CA (US)(72) Inventors: **Gerard Dumuk**, Hayward, CA (US);
Rachel McConnell, Hayward, CA (US)

(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **16/101,523**(22) Filed: **Aug. 13, 2018**(51) **Int. Cl.****B27M 3/18** (2006.01)**A47B 13/00** (2006.01)**A47B 13/04** (2006.01)**B27F 5/02** (2006.01)**E04F 15/02** (2006.01)(52) **U.S. Cl.**CPC **B27M 3/18** (2013.01); **A47B 13/003**
(2013.01); **A47B 13/04** (2013.01); **B27F 5/02**
(2013.01); **B27F 5/023** (2013.01); **E04F**
2015/02094 (2013.01); **E04F 2201/05**
(2013.01); **F16B 2200/30** (2018.08)(58) **Field of Classification Search**CPC **E04F 2201/05**; **E04F 2015/02094**; **B27F**
5/02; **B27F 5/023**; **F16B 2200/30**; **Y10T**
29/49947USPC **144/353**; **403/286**, **292**, **293**, **244**, **252**,
403/263; **230/244**, **252**, **263**
See application file for complete search history.(56) **References Cited**

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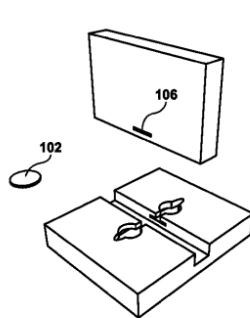
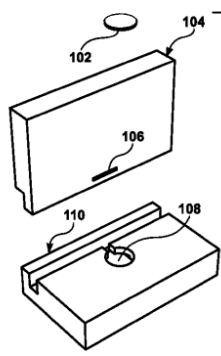
GB 2435287 A * 8/2007 E05D 5/04

Primary Examiner — Jason L. Vaughan

(74) Attorney, Agent, or Firm — Richard Bennett Salles

(57) **ABSTRACT**

The invention is a unique modification of biscuit joinery. The instant invention creates “two way” slots in joining wood [preferred embodiment] pieces, allowing a “shelf joint” in the center of a face of wood, to be fastened with a common nickel (or similar coin or disc). Rather than using a limited biscuit cutter/biscuit joiner, the instant method discloses use of a router with a specialized router bit (aka slot cutter bit); the slot cutter on the router [when the bit is machined in the following way infra, and then configured and used in the following way infra] allows a common 5¢ piece to become the spline joining the two wood pieces or panels, thereby allowing rapid assembly & disassembly of wood furniture. The precise ratios and proportions of grooves, slots, coin wells, overhangs, pushtool ‘raceways,’ and offsets therefor, make this invention possible. Specifically, by featuring a “raceway overhang” of height-thickness at least 10% that of the “female” piece of joining wood, the herein-disclosed disc-biscuit joiner method and apparatus holds.

14 Claims, 12 Drawing Sheets

FABRIC BASED MICROFLUIDIC SYSTEM

<https://patentimages.storage.googleapis.com/8b/08/b5/daaabdb64756a1/US20220203362A1.pdf>



US 20220203362A1

(19) **United States**

(12) **Patent Application Publication**
Owens

(10) **Pub. No.: US 2022/0203362 A1**

(43) **Pub. Date: Jun. 30, 2022**

(54) **CONSTRUCTION OF A FABRIC BASED
MICROFLUIDIC POINT OF CARE AT HOME
DIAGNOSTIC SYSTEM**

(71) Applicant: **Tracie Owens**, Dublin, CA (US)

(72) Inventor: **Tracie Owens**, Dublin, CA (US)

(21) Appl. No.: **17/134,388**

(22) Filed: **Dec. 26, 2020**

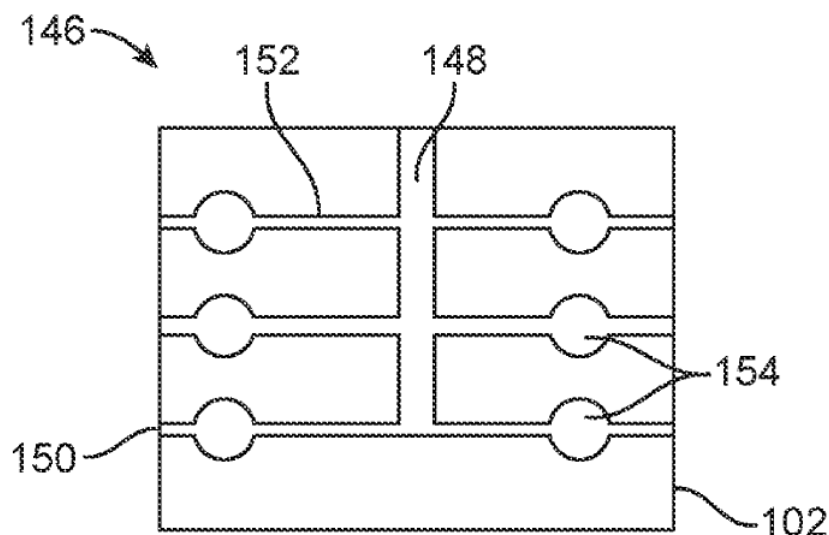
Publication Classification

(51) **Int. Cl.**
B01L 3/00 (2006.01)

(52) **U.S. Cl.**
CPC **B01L 3/502715** (2013.01); **B01L 2300/12**
(2013.01); **B01L 2200/16** (2013.01); **B01L**
2200/10 (2013.01); **B01L 2300/161** (2013.01)

(57) **ABSTRACT**

A fabric based microfluidic point of care at home diagnostic system is disclosed. The system comprising a fabric substrate one or more hydrophobic threads bound with one or more hydrophilic threads by means of weaving, knitting, embroidering, or sewing. The fabric is configured to define a flow path for a sample to flow from an introduction zone, to a preparation zone, to a testing zone, in a pattern sufficient to optimize the sample analysis required for sample diagnostic tests. The system further comprises one or more mechanical stages and one or more fluid cartridges. The mechanical stages comprise electrical and/or analytical equipment configured to record, detect, analytes or facilitate chemical reactions and/or condition of the air above the fabric to ensure sufficient for analysis. The fluid cartridges are attached to the edge of the fabric in certain zones to supply the fabric with reagents required for analysis in that zone.



ADJUSTABLE SUPPORT STAND FOR CHEMICAL HOSES

<https://patents.google.com/patent/USD905541S1/en?q=HOSE&assignee=SOMSACK&type=DESIGN&oq=type:DESIGN+SOMSACK+HOSE>



US00D905541S

(12) **United States Design Patent** (10) **Patent No.:** **US D905,541 S**
Somsack (45) **Date of Patent:** **** Dec. 22, 2020**

(54) **ADJUSTABLE SUPPORT-STAND FOR CHEMICAL HOSES** 5,906,341 A * 5/1999 Brown F16L 3/227 248/49
6,059,215 A * 5/2000 Finnis B65H 75/366 242/400.1
(71) Applicant: **Ricky Somsack**, Stockton, CA (US) 6,206,613 B1 * 3/2001 Elkins F16L 3/26 405/157
(72) Inventor: **Ricky Somsack**, Stockton, CA (US) D462,603 S * 9/2002 Wright B65H 75/366 D8/356
(73) Assignee: **RS Transportation Trucking Inc.**, Stockton, CA (US) 6,619,596 B1 * 9/2003 Caine B60R 15/00 138/106
6,644,601 B2 * 11/2003 Aussiker H02G 1/14 248/125.8
(**) Term: **15 Years** D554,979 S * 11/2007 Hsu D8/356
D607,308 S * 1/2010 Moon D8/356
(21) Appl. No.: **29/716,866** D669,761 S * 10/2012 Angel D8/356
D724,934 S * 3/2015 Lu D8/356
(22) Filed: **Dec. 12, 2019** D773,287 S * 12/2016 Lida D8/363
D815,472 S * 4/2018 Sorenson D6/682
(51) **LOC (12) Cl.** **09-06** D856,119 S * 8/2019 McGugan D8/356
(52) **U.S. Cl.** 10,774,951 B2 * 9/2020 Ball F16B 7/185
USPC **D8/356** * cited by examiner
(58) **Field of Classification Search** *Primary Examiner* — Cynthia R Underwood
USPC D6/678.4; D8/356, 354, 349, 358, 373, D8/379, 1; 248/68.1, 89, 86, 82, 76, 49; 137/355.16; 242/400.1; 211/60.1
CPC B65G 7/12; A62C 33/04; B65H 75/366
See application file for complete search history.
(74) *Attorney, Agent, or Firm* — Foundation Patents, LLP; Richard Bennett Salles

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D237,459 S * 11/1975 Wagner D8/358
D240,681 S * 7/1976 Granatelli D6/526
D298,915 S * 12/1988 Rowley D8/356
D306,681 S * 3/1990 Toca, III D22/147
D341,767 S * 11/1993 Brueske D8/356
D398,199 S * 9/1998 Bowling D8/1

(57) **CLAIM**
The ornamental design for an adjustable chemical hose support stand, as shown and described.

DESCRIPTION

FIG. 1 is a perspective elevational view of the instant invention.
FIG. 2 is a front view of the instant invention.
FIG. 3 is rear view of the instant invention.
FIG. 4 is an isometric side view of the instant invention.
FIG. 5 is an isometric side view of the instant invention.
FIG. 6 is a top/bird' view of the instant invention; and,
FIG. 7 is a bottom/worm's-eye view of the instant invention.

1 Claim, 4 Drawing Sheets



FOLDABLE TABLE

<https://patentimages.storage.googleapis.com/02/6d/72/98720e127effca/USD938189.pdf>



US00D938189S

(12) **United States Design Patent** (10) **Patent No.:** **US D938,189 S**
Kalman (45) **Date of Patent:** **** Dec. 14, 2021**

(54) **FOLDABLE TABLE**

(71) Applicant: **Ken Kalman**, Canyon, CA (US)

(72) Inventor: **Ken Kalman**, Canyon, CA (US)

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

(21) Appl. No.: **29/728,853**

(22) Filed: **Mar. 21, 2020**

(51) **LOC (13) CL.** **06-03**

(52) **U.S. CL.**

USPC **D6/574; D6/555**

(58) **Field of Classification Search**

USPC D6/574, 320-324, 698, 513, 690, 567,
D6/555; 52/287.1; 211/13.1, 42, 86.01,
211/88.01, 90.01; 248/205.3, 256, 243,
248/247, 249, 250; 312/108, 140.2, 229;
108/47, 48, 134

CPC A47B 5/04; A47B 13/16; B60N 3/001;
B60N 3/004; B64D 11/0638; B63B
2029/046; B63B 29/04

See application file for complete search history.

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108/108
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D352,198 S * 11/1994 Wright D6/574
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D379,570 S * 6/1997 Moon D6/574
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D782,845 S * 4/2017 Golembieski D6/574
D782,846 S * 4/2017 Golembieski D6/574
D784,730 S * 4/2017 Kruger D6/574
D865,395 S * 11/2019 Allen D6/574
D878,102 S * 3/2020 Carr D6/574

(Continued)

Primary Examiner — Nathan M Johnston

(74) Attorney, Agent, or Firm — Richard Bennett Salles

(57) **CLAIM**

The ornamental design for a foldable table, as shown and described.

DESCRIPTION

U.S. Pat. No. D 564,250—Collapsible Table—Haimoff (2008)

U.S. Pat. No. D 754,991—Modular Wall Recessed Furniture Gosling (2016)

U.S. Pat. No. D 742,526S—Veterinary Table—Haake et al (2015)

U.S. Pat. No. D 618,939S—Convertible Wall Mount—Gibbs (2010)

U.S. Pat. No. 1,890,526—Folding Shelf—McEwing (1932)

U.S. Pat. No. 6,779,467 B1—Hideaway Desk—McCoy et al (2004)

U.S. Pat. No. 5,033,134—Cabinet Wall Bed—Burchett (1991)

FIG. 1 is a lower right perspective view of the foldable table showing my new design.

FIG. 2 is a rear view thereof.

FIG. 3 is a front view thereof.

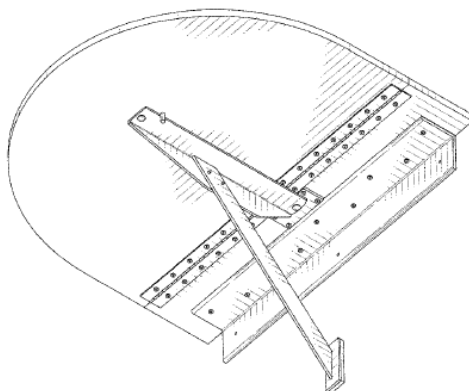
FIG. 4 is a left side view thereof.

FIG. 5 is a right side view thereof.

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

1 Claim, 5 Drawing Sheets



ULTRASONIC CLEANING SYSTEM

<https://patents.google.com/patent/US20190337023A1/en?q=ULTRASONIC&inventor=KIRMUSS&status=APPLICATION&type=PATENT&oq=status:APPLICATION+type:PATENT+KIRMUSS+ULTRASONIC>



US 20190337023A1

(19) **United States**

(12) **Patent Application Publication**
KIRMUSS

(10) **Pub. No.: US 2019/0337023 A1**
(43) **Pub. Date: Nov. 7, 2019**

(54) **UNIVERSAL ULTRASONIC RECORD
CLEANING DEVICE AND SYSTEM**

(52) **U.S. CL.**
CPC **B08B 3/12** (2013.01); **H01L 21/67057**
(2013.01)

(71) Applicant: **CHARLES BRUNO KIRMUSS,**
Westminster, CO (US)

(72) Inventor: **CHARLES BRUNO KIRMUSS,**
Westminster, CO (US)

(21) Appl. No.: **16/403,513**

(22) Filed: **May 4, 2019**

Related U.S. Application Data

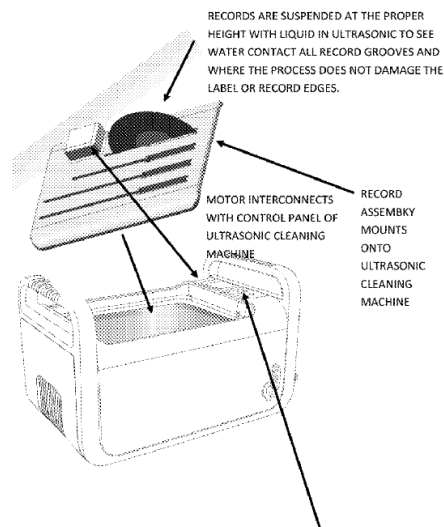
(60) Provisional application No. 62/762,436, filed on May 4, 2018.

Publication Classification

(51) **Int. Cl.**
B08B 3/12 (2006.01)

(57) **ABSTRACT**

INVENTION RELATES TO A UNIVERSAL DEVICE THAT ATTACHES TO ANY ULTRASONIC CLEANER ALLOWING RECORDS OF MULTIPLE SIZES OR OTHER MEDIA TO BE SLIPPED INTO THE RECORD WASHER INVENTION WHEREIN THE MEDIA RIDES SAFELY ON ROLLERS SPUN BY A MOTOR WHERE THE RECORDS ARE SUSPENDED AT THE CORRECT HEIGHT SO AS NOT TO DAMAGE THE RECORD'S LABEL RESULTING IN SAFE TOTAL CLEANING, AND WHEREIN THE PROCESS-SYSTEM REACHES THE RECORD GROOVES VIA ULTRASONIC FREQUENCIES AND PLASMA TO RESTORE RECORDS AS WELL AS SIMPLY CLEAN THEM.



CONTROL PANEL FEATURES TOUCH CONTROLS, LED COUNT DOWN TIMER, TEMPERATURE GAUGE, SYSTEM STATUS AND ALERTS, AS WELL AS SEPERATE CONTROLS FOR ULTRASONIC RECORD CLEANING AND RESTORATION CYCLE AS WELL AS DE-GAS FUNCTION WITH TIMER OVER-RIDES.

CONTROLLER CONTROLS START AND STOP OF MOTOR IN RECORD ASSEMBLY.

DISPLAY SHOWS NUMBER OF CYCLES.

BOTTLE LIP AND NIPPLE ASSEMBLY



US 20190216687A1

(19) **United States**

(12) **Patent Application Publication**
Dajas

(10) **Pub. No.: US 2019/0216687 A1**

(43) **Pub. Date: Jul. 18, 2019**

(54) **LIP AND NIPPLE ASSEMBLY**

(71) Applicant: **Jennifer Dajas**, Concord, CA (US)

(72) Inventor: **Jennifer Dajas**, Concord, CA (US)

(21) Appl. No.: **16/221,251**

(22) Filed: **Dec. 14, 2018**

Related U.S. Application Data

(60) Provisional application No. 62/617,583, filed on Jan. 15, 2018.

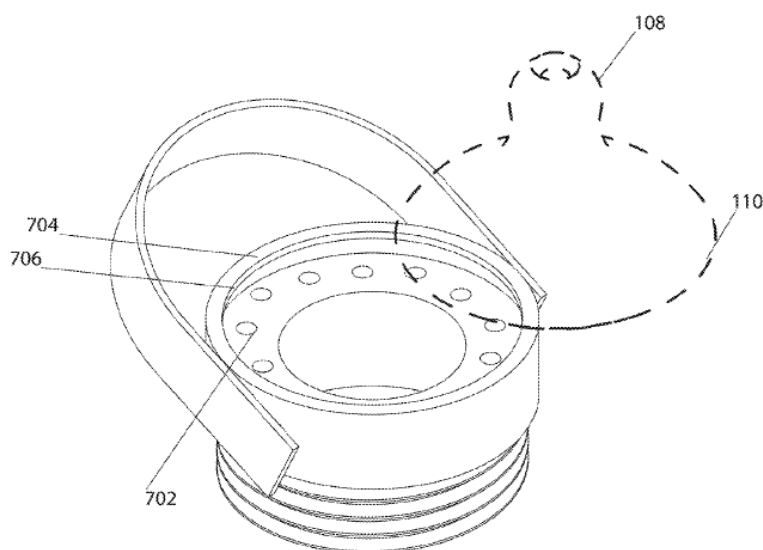
Publication Classification

(51) **Int. Cl.**
A61J 11/04 (2006.01)
A61J 11/00 (2006.01)

(52) **U.S. Cl.**
CPC **A61J 11/04** (2013.01); **A47G 19/2266**
(2013.01); **A61J 11/008** (2013.01); **A61J**
11/0035 (2013.01)

(57) **ABSTRACT**

The present invention is a universal 'replacement lid with nipple assembly' that removably affixes, via threading, to inter alia thermally insulated bottles. The instant invention features a "replacement lid" with a cylindrical hole through the center. The [bottle's] "replacement lid" [and its corollary attachments, components and features] turn an ordinary bottle into a universal baby-bottle. Atop said hole (annular aperture), rests a ridged rim/lip, under which is positioned a plastic nipple (with optional lugs to further secure said nipple in place in the deployed position). A "sealing disc" and a half-eggshell-cap together prevent spillage when not in use. The nipple "clips in" under the lid ridged lip, and may be stored "upside down" when the bottle is not in use. This feature, combined with the novel feature of a "sealing disc," allows for secure, leak-proof nipple storage. When "in use/deployed-position," the nipple simply turns "right-side-up" and "clips in" to the [bottle] replacement lid [positioning itself just underneath the outer-circumference ridge-lip], allowing for normal dispensation of liquid to the baby. Alternate embodiments also function as a replacement-lid-nipple (with valved-spout) for toddlers' "sippy-cup" type devices, as described infra and supra. Also of note is that said invention is compatible with both aluminum bottles and also double-walled thermally insulated bottles.



HEALTH MODELING LANGUAGE

<https://patents.google.com/patent/US20180294059A1/en?q=MENTAL+HEALTH+MODELING+LANGUAGE&oq=MENTAL+HEALTH+MODELING+LANGUAGE>



US 20180294059A1

(19) **United States**

(12) **Patent Application Publication**
Savant et al.

(10) **Pub. No.:** US 2018/0294059 A1

(43) **Pub. Date:** Oct. 11, 2018

(54) **MENTAL HEALTH MODELING LANGUAGE**

(52) **U.S. CL.**

CPC *G16H 50/20* (2018.01); *G06N 3/08*
(2013.01); *G16H 10/60* (2018.01)

(71) Applicant: **Robert Lopez**, (US)

(72) Inventors: **Vidushi Savant**, Los Altos, CA (US);
Robert Lopez, San Mateo, CA (US);
Vikas Kedia, Los Altos, CA (US)

(57) **ABSTRACT**

(73) Assignee: **Savant Care Inc.**, Los Altos, CA (US)

(21) Appl. No.: **15/928,088**

(22) Filed: **Mar. 22, 2018**

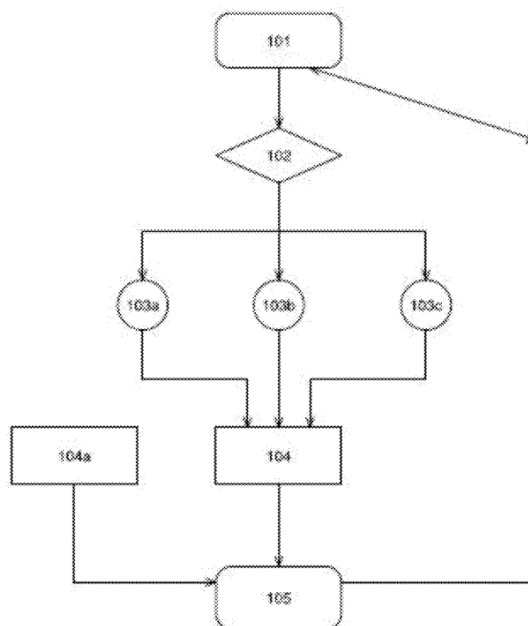
Related U.S. Application Data

(60) Provisional application No. 62/475,123, filed on Mar. 22, 2017.

Publication Classification

(51) **Int. Cl.**
G16H 50/20 (2006.01)
G16H 10/60 (2006.01)
G06N 3/08 (2006.01)

The invention is a novel, internet-enabled doctor-patient workflow system comprising, inter alia, an "intelligent" electronic health record and healthcare management process, offering an interactive "machine-learning" electronic health record and medical management system. The invention features inputs and commands from doctors through the use of a conversation pane (conversation window). The invention uses artificial intelligence and machine learning algorithms to accomplish routine activities via short code commands and auto-fill menu-populating technology which adapts itself to a particular physician's style as the System is used.



FORK WITH GROOVED PRONGS

<https://patentimages.storage.googleapis.com/cd/0b/9c/be9c305e0d8f5b/USD882353.pdf>



US00D882353S

(12) **United States Design Patent** (10) **Patent No.:** **US D882,353 S**
Salem et al. (45) **Date of Patent:** **** Apr. 28, 2020**

(54) **FORK WITH X-GROOVED PRONGS** 2,637,104 A * 5/1953 Samson A47G 21/023
 (71) Applicants: **Rafi M. Salem**, Alamo, CA (US); **Lois J. Salem**, Alamo, CA (US) 4,326,743 A * 4/1982 Tamura A01D 9/06
 (72) Inventors: **Rafi M. Salem**, Alamo, CA (US); **Lois J. Salem**, Alamo, CA (US) D278,677 S * 5/1985 Zimetbaum D7/682
 D387,953 S * 12/1997 Town D7/643
 D527,230 S * 8/2006 Edelmann D7/643
 D766,671 S * 9/2016 Edelmann D7/643
 D793,173 S * 8/2017 Perez A01D 9/06
 D7/643

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

* cited by examiner

(21) Appl. No.: **29/720,763**

Primary Examiner — Ricky Pham

(22) Filed: **Jan. 15, 2020**

(51) **LOC (12) CL** **07-03**

(52) **U.S. CL**

USPC **D7/653**; D7/643

(58) **Field of Classification Search**

USPC D7/368, 401.2, 642-645, 653-664, 669, D7/675-677, 682-683, 688-689, 691; D8/107, 300-301; D22/117-118

CPC ... A01D 9/00; A01D 9/02; A01D 9/04; A01D 9/06; A47G 21/00; A47G 21/004; A47G 21/005; A47G 21/02; A47G 21/023; A47G 21/04; A47G 21/06; A47G 21/08; A47J 43/28; A47J 43/281; A47J 43/282; A47J 43/1093; A61F 13/10; A61J 7/0023; B25G 1/00; B25G 1/01; B25G 1/02; B25G 3/00; B65D 75/56; B65D 75/563; B65D 75/566; B67B 7/00; B67B 7/724; B67B 7/73

See application file for complete search history.

(56) **References Cited**

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 747,986 A * 12/1903 Layne A01D 9/00
 858,970 A * 7/1907 French A47J 43/1093
 1,294,031 A * 2/1919 Bigelow A47G 21/08
 30/148

(57) **CLAIM**

The ornamental design for a fork with X-grooved prongs, as shown and described.

DESCRIPTION

This application is related to U.S. Pat. Nos. 4,544,324 filed Oct. 1, 1985, Steve Hornung-Quick Change Fork; U.S. Pat. No. 4,182,032 filed Jan. 8, 1980, Duane Newport-Combination Fork Device; U.S. Pat. No. 4,896,423 filed Jan. 30, 1990, Walter Kinsey-Eating Fork; D667,707S filed Sep. 25, 2012, Marc Zemel-Tongs; D758,146 filed Jun. 7, 2016, S. A. Mastrad-Kitchen Tongs/Spatula; D747,159 filed Jan. 12, 2016, Martin Frost-Set of Eating Utensils; 2008/0148575 filed Jun. 26, 2008, Jack Sing-Chow Chan-Soon-Fork-Knife.

FIG. 1 is a perspective view of the fork with X-grooved prongs showing my new design.

FIG. 2 is a bottom view of the instant invention.

FIG. 3 is top view of the instant invention.

FIG. 4 is back view of the instant invention.

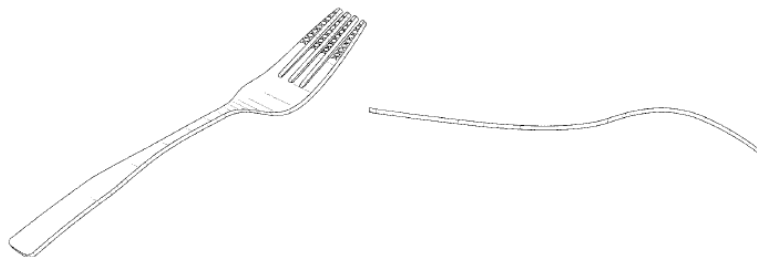
FIG. 5 is front view of the instant invention.

FIG. 6 is a right side view of the instant invention.

FIG. 7 is a left side view of the instant invention; and,

FIG. 8 is cross sectional view taken through line 8-8 of FIG. 2.

1 Claim, 4 Drawing Sheets



INDESTRUCTIBONE DOG TOY

<https://patents.google.com/patent/USD870985S1/en?q=DOG+TOY+FALWELL&oq=DOG+TOY+FALWELL>



US00D870985S

(12) **United States Design Patent** (10) **Patent No.:** **US D870,985 S**
Falwell (45) **Date of Patent:** **** Dec. 24, 2019**

(54) **DOG TOY**

(71) Applicant: **Ronald C Falwell**, Brentwood, CA
(US)

(72) Inventor: **Ronald C Falwell**, Brentwood, CA
(US)

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

(21) Appl. No.: **29/594,893**

(22) Filed: **Feb. 23, 2017**

(51) **LOC (12) CI.** **30-99**

(52) **U.S. CL.**
USPC **D30/160**

(58) **Field of Classification Search**

USPC D30/160, 112, 119; D24/211, 214, 215,
D24/193-195; D21/398, 400, 402, 412,
D21/415, 426, 436, 439, 440, 441, 443,
D21/460-462, 466-468, 479, 495, 563,
D21/656, 712, 713, 788, 799.1, 470, 681;
D1/125-127
CPC A63H 5/00; A63H 33/26; A63H 33/18;
A63H 29/22; A63H 29/24; A63H
2200/00; A63H 11/00; A63H 13/00;
A63H 18/02; A63H 18/14; A63H 18/16;
A63H 29/00; A63H 33/009; A63H 33/22;
A63H 33/3055; A63H 3/003; A63H
3/006; A63H 3/008; A63H 3/24; A63H
3/28; A63H 3/31; A63H 3/36; A63H
9/00; A63B 59/20; A63B 69/406; A63B
47/04; A63B 2220/51; A63B 2220/53;
A63B 2220/56; A63B 2220/805; A63B
2071/0625; A63B 2071/063; A63B
2220/17; A63B 2220/18; A63B 2220/40;
A63B 2220/803; A63B 2220/833; A63B
43/004; A63B 43/06; A63B 71/0622;
A63B 2071/0602; A63B 21/0055; A63B
2220/02; A63B 2225/54; A63B 69/0053;
A63B 2047/043

See application file for complete search history.

(56)

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D500,579 S * 1/2005 Tansey D1/199
D501,286 S * 2/2005 Wang D1/199
D501,700 S * 2/2005 Turner D1/127
D503,506 S * 4/2005 Tepper D1/101
D515,275 S * 2/2006 Leweke D1/125

(Continued)

Primary Examiner — Sheryl Lane

Assistant Examiner — Aula Soroush

(74) Attorney, Agent, or Firm — Richard Bennett Salles

(57)

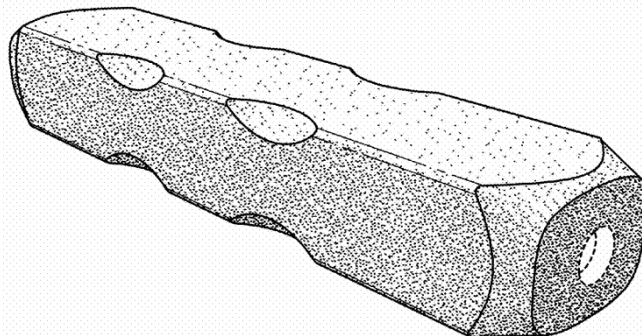
CLAIM

The ornamental design for a dog toy, as shown and described.

DESCRIPTION

U.S. Pat. No. Des. 579,157—Dog Toy
U.S. Pat. No. Des. 774,710—Dog Toy
U.S. Pat. No. 6,360,693—Animal Toy
U.S. Pat. No. 8,225,747—Treat Dispenser for Animals and Method
U.S. Pat. No. Des. 407,868—Dog chew toy
US20070289553—Treat dispenser for animals
U.S. Pat. No. 6,941,895—Treat dispensing chew toy
U.S. Pat. No. Des. 587,862—Pet Toy
FIG. 1 is a perspective view of a dog toy showing my new design.
FIG. 2 is a top perspective view thereof.
FIG. 3 is a right side elevational view thereof.
FIG. 4 is a left side elevational view thereof; and,
FIG. 5 is a top plan view thereof.
The broken line showing is for the purpose of illustrating portions of the dog toy and forms no part of the claimed design.

1 Claim, 2 Drawing Sheets



MESSAGE-BASED DELIVERY OF MOBILE APP REQUESTS

<https://patents.google.com/patent/US20180276397A1/en?q=Mobile+Application+Requests&inventor=MATTHEW+HOFFMAN&dq=MATTHEW+HOFFMAN+Mobile+Application+Requests>



US 20180276397A1

(19) **United States**

(12) **Patent Application Publication**
HOFFMAN

(10) **Pub. No.: US 2018/0276397 A1**

(43) **Pub. Date: Sep. 27, 2018**

(54) **SYSTEMS AND METHODS FOR SECURE, MESSAGE-BASED DELIVERY OF MOBILE APPLICATION REQUESTS**

1/00307 (2013.01); *H04N 1/411* (2013.01);
H04N 1/00233 (2013.01)

(71) Applicant: **MATTHEW HOFFMAN**,
DANVILLE, CA (US)

(57) **ABSTRACT**

(72) Inventor: **MATTHEW HOFFMAN**,
DANVILLE, CA (US)

(21) Appl. No.: **15/466,777**

(22) Filed: **Mar. 22, 2017**

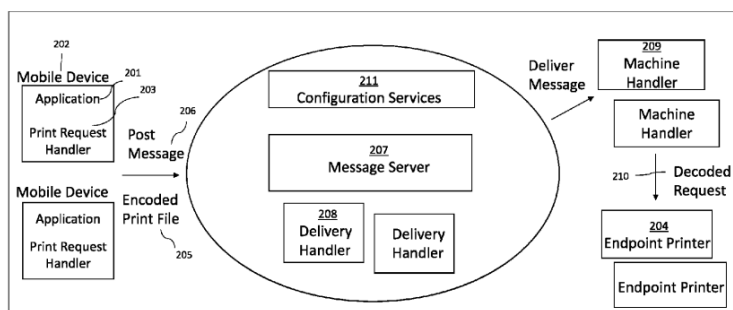
Publication Classification

(51) **Int. Cl.**
G06F 21/60 (2006.01)
H04W 12/02 (2006.01)
H04N 1/00 (2006.01)
H04N 1/411 (2006.01)

(52) **U.S. Cl.**
CPC *G06F 21/608* (2013.01); *H04W 12/02*
(2013.01); *H04N 2201/0082* (2013.01); *H04N*

The disclosed invention comprises Systems and Methods for delivery of mobile applications' requests for services to network devices or apparatus in a secure environment. The invention features web-based configuration services allowing for the definition of delivery systems' components, including mobile devices, delivery channels, machine handlers, endpoints and pre-authentications. Machine handlers are pre-authenticated to access endpoints. Mobile applications encode their requests and send these encoded requests in message bodies to a message server. Delivery handlers send these messages to machine handlers for specified endpoints based on configuration. Machine handlers decode and submit the requests to endpoints, e.g. a printer. The invention therefore allows a user to send a mobile application request to a secured network device, such as an endpoint printer, with no intervening actions such as unwanted security requests.

Secure, Message-Based, Mobile Printing System



MEDICAL ADMINISTRATION AND INFORMATION SYSTEM

<https://patents.google.com/patent/US20170020785A1/en?q=Kristin+Leigh+McCullough&oq=Kristin+Leigh+McCullough>



US 20170020785A1

(19) **United States**

(12) **Patent Application Publication**
McCullough

(10) **Pub. No.: US 2017/0020785 A1**
(43) **Pub. Date: Jan. 26, 2017**

(54) **MEDICAL ADMINISTRATION AND INFORMATION SYSTEM**

A61J 1/03 (2006.01)
A61J 7/00 (2006.01)

(71) Applicant: **Kristin Leigh McCullough**,
Hillsborough, CA (US)

(52) **U.S. Cl.**
CPC .. *A61J 7/04* (2013.01); *A61J 1/03* (2013.01);
A61J 7/0076 (2013.01); *A61J 7/02* (2013.01);
A61J 7/0069 (2013.01); *G06F 19/3456*
(2013.01); *G06F 19/3462* (2013.01); *A61J*
2205/30 (2013.01); *A61J 2205/70* (2013.01);
A61J 2205/50 (2013.01); *A61J 2200/30*
(2013.01); *A61J 2205/60* (2013.01)

(72) Inventor: **Kristin Leigh McCullough**,
Hillsborough, CA (US)

(21) Appl. No.: **15/165,805**

(22) Filed: **May 26, 2016**

Related U.S. Application Data

(60) Provisional application No. 62/166,303, filed on May 26, 2015.

Publication Classification

(51) **Int. Cl.**
A61J 7/04 (2006.01)
G06F 19/00 (2006.01)
A61J 7/02 (2006.01)

ABSTRACT

A System for storing pills in their original pharmaceutical bottles, verifying authenticity and pill count of each medication, tracking inventory, ordering refills, dispensing pills at prescribed times, providing alerts to caregivers, and reporting adherence patterns to medical providers, institutions, companies and interested parties through its Analytics system. The System accomplishes functions while displaying informational content on its touch-screen display, while showing advertisements, health recommendations, information on drug interactions, side effects, and related content on the System Device's touch-screen.

