



Fundamentals of U.S. Patent and Trademarks – Searching and Procurement

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Laurén S. Murray, Esq.

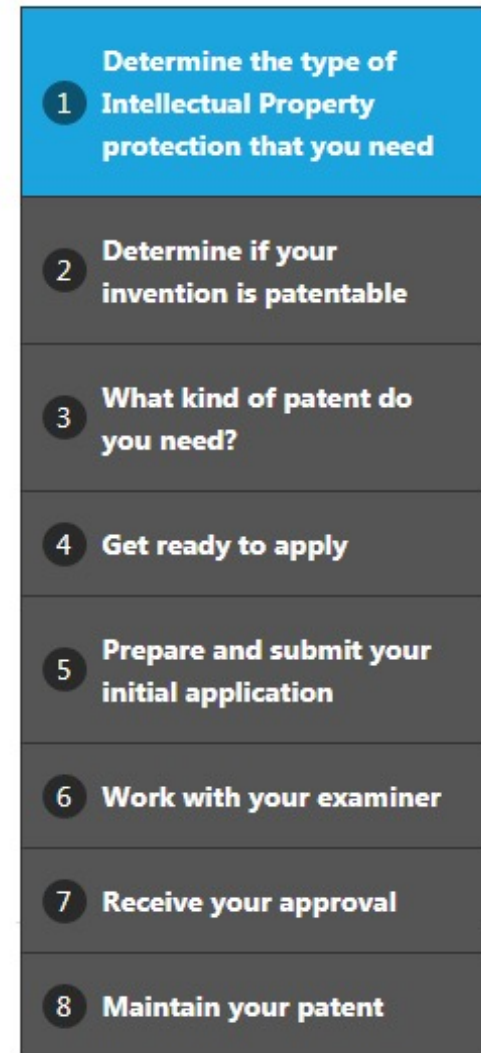
Agenda

- U.S. Patent Procurement
- Patent Searching
- U.S. Trademark Procurement
- Trademark Searching
- Overlapping Universes of Intellectual property
- Case Studies (time permitting)



U.S. Patent Procurement

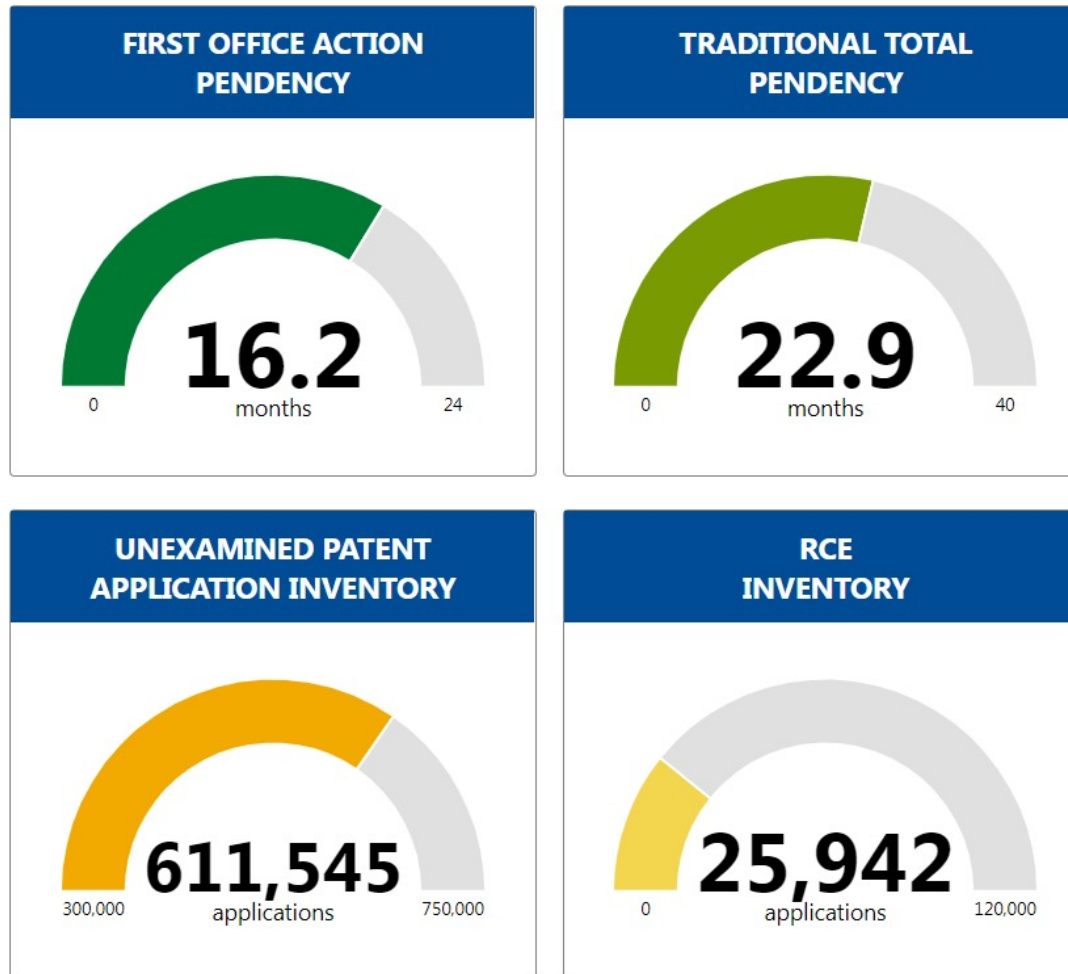
- USPTO's Patent Process Overview
- www.uspto.gov/patents-getting-started/patent-process-overview



Overview of U.S. Patent Procurement Process

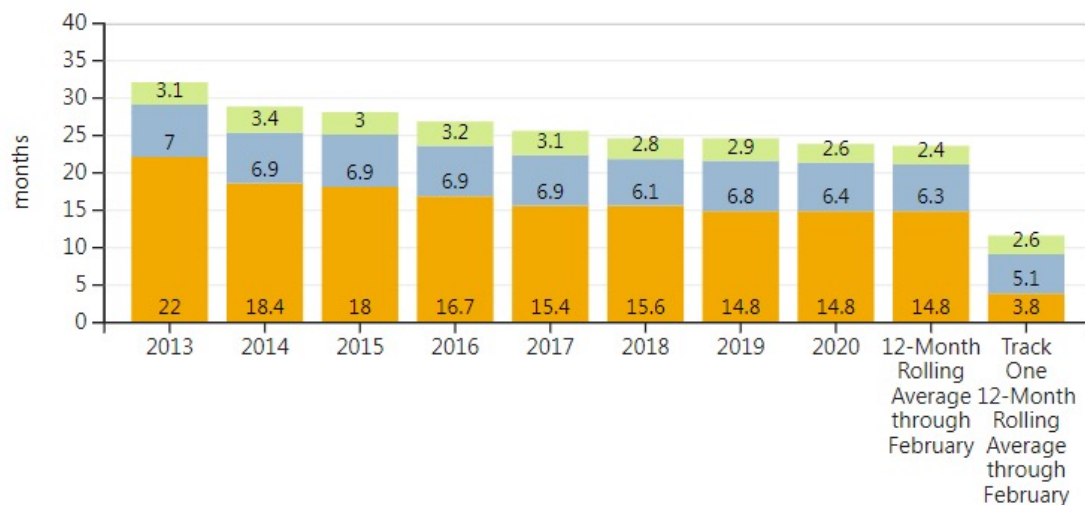
- Prepare application
 - Description
 - Drawings
 - Claims
- Application is Examined
 - Prior Art Search
 - (Usually) Issues Office Action
- File Response
 - Amendments, AND/OR
 - Arguments
- (Possibly) Final Office Action
- (Possibly) Amendment, Request Continued Examination, or Appeal

U.S. Patent Procurement – how long will it take?



www.uspto.gov/dashboards/patents/main.dashxml

Office Time and Applicant Time - Traditional Total Pendency



Office and applicant time - traditional total pendency represents a detailed look at the traditional total pendency measure, and the Track One Prioritized Examination Process. The data is cumulative for the year and breaks out time into three categories: prosecution time with the office, time awaiting first action, and prosecution time with the applicant.

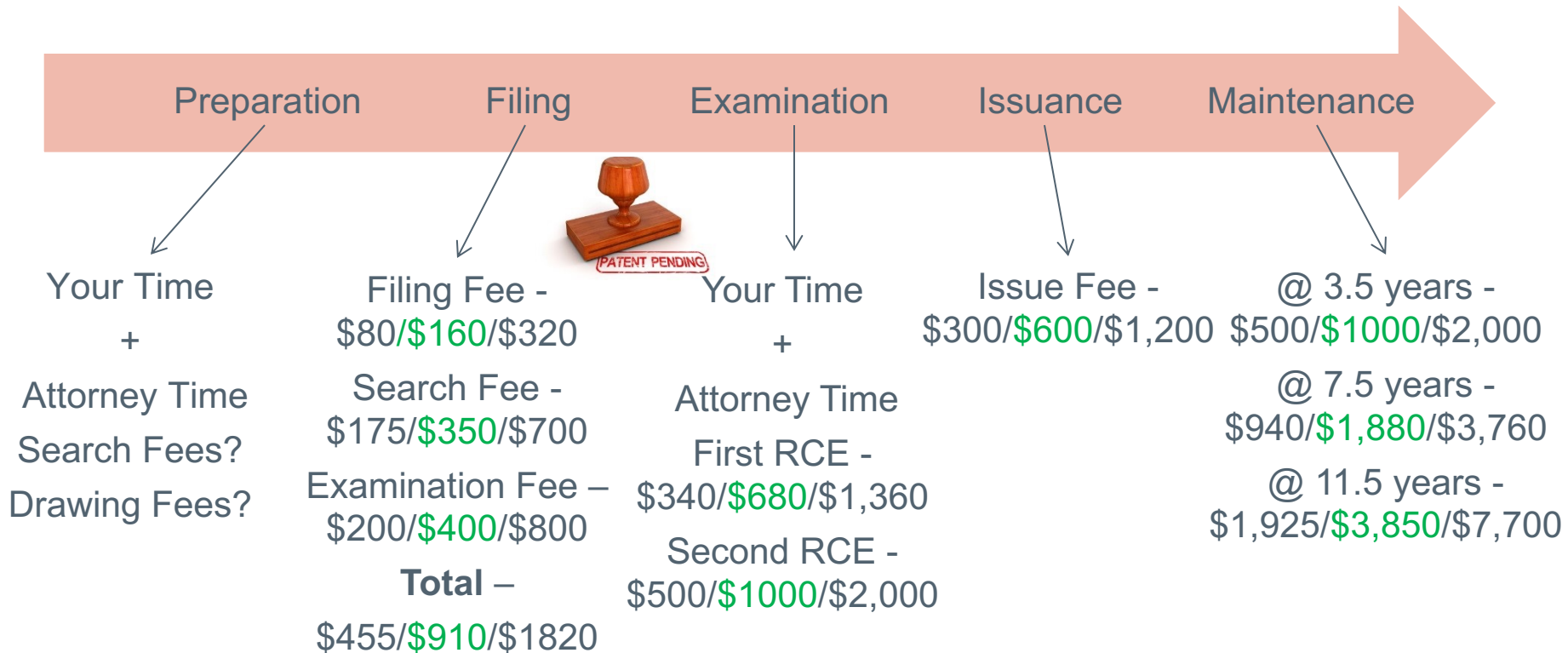
- Prosecution Time with Office
- Prosecution Time with Applicant
- Time awaiting First Action

U.S. Patent Procurement – How much will it cost?





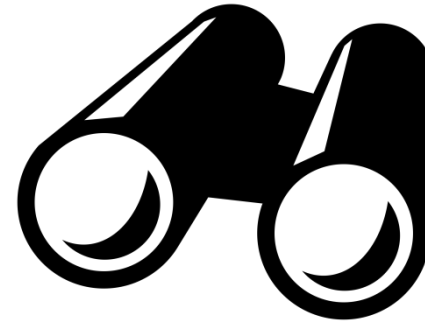
U.S. Patent Procurement – a financial timeline



- Fees for a U.S. non-provisional patent application without extras fees for claims or pages
- Micro Entity/**Small Entity**/Large Entity

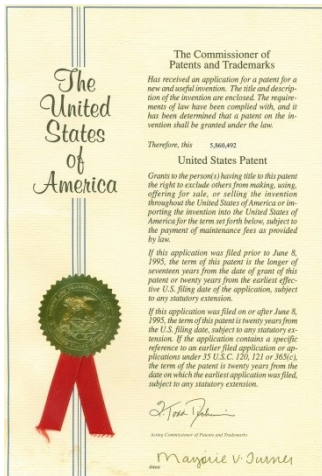
Patent Searching

- Types of Searches
 - Patentability
 - Validity
 - Infringement
 - Clearance
 - State of the Art
- Tools and Techniques
 - USPTO's Seven Step Search Strategy
 - USPTO Search Example



Types of Prior Art Searches – Patentability Search

- To determine if an invention is patentable / claim scope
- Look for prior art disclosing the invention or something similar
- Any “public domain” knowledge



Collecting Information About Inventions

- Invention Disclosure Form (IDF)
 - Title of the invention
 - Name and contact information for each inventor
 - Field of the invention
 - Current state of the art, including any problems with current solutions
 - Objections and goals of the invention
 - Detailed explanation of the invention, including:
 - Advantages over the current state of the art
 - Alternative embodiments
 - Include drawings, flowcharts, logic diagrams, and electrical schematics
 - Any prior disclosure of the invention
- Interview the Inventor(s)

Types of Prior Art Searches – Validity Search

- To determine the validity of an issued patent
- Look for prior art documents that would invalidate one or more claims in the issued patent



Types of Prior Art Searches – Validity Search (example)

What is claimed is:

1. An apparatus, comprising:
 - a vehicle (“ego-vehicle”) configured to be autonomously navigated in a peloton along a roadway, wherein the peloton comprises the ego-vehicle and at least one additional vehicle, wherein the ego-vehicle comprises:
 - a vehicle navigation system which is configured to:
 - based on a comparison of driving ranges of each of the ego-vehicle and the at least one additional vehicle, determine a particular configuration of the peloton, which comprises a particular peloton position in which the ego-vehicle is navigated relative to the at least one additional vehicle, which reduces a difference of the relative driving ranges of the ego-vehicle and the at least one additional vehicle; and
 - generate a set of control commands which cause the vehicle to be navigated in the peloton at the particular peloton position, according to the particular configuration of the peloton.

Related U.S. Application Data

- (60) Provisional application No. 62/232,853, filed on Sep. 25, 2015.

(12) United States Patent Aikin et al.

- (54) **PELTON**
- (71) Applicant: **Apple Inc.**, Cupertino, CA (US)
- (72) Inventors: **Randol W. Aikin**, Sunnyvale, CA (US); **Malcolm J. Northcott**, Felton, CA (US)
- (73) Assignee: **Apple Inc.**, Cupertino, 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.: **15/275,160**
- (22) Filed: **Sep. 23, 2016**

Related U.S. Application Data

- (60) Provisional application No. 62/232,853, filed on Sep. 25, 2015.
- (51) **Int. Cl.**
G01S 13/00 (2006.01)
G01S 13/93 (2006.01)
G05D 1/00 (2006.01)
G05D 1/02 (2006.01)
B60L 11/18 (2006.01)
- (52) **U.S. Cl.**
 CPC **G05D 1/0293** (2013.01); **B60L 11/1801** (2013.01); **B60L 11/1816** (2013.01); **G05D 1/0295** (2013.01)
- (58) **Field of Classification Search**
 CPC G05D 1/00; G05D 1/0293; G05D 1/0295; B60L 11/00; B60L 11/1801; B60L 11/1816; G01C 21/00; G01C 21/26; G01C 21/34; G08G 1/22
- See application file for complete search history.

(10) **Patent No.:** **US 10,108,202 B1**
 (45) **Date of Patent:** **Oct. 23, 2018**

(56) **References Cited** U.S. PATENT DOCUMENTS

6,032,097	A *	2/2000	Iihoshi	.....	G08G 1/22
					180/168
6,813,561	B2 *	11/2004	MacNeille	.....	G01C 21/26
					342/357.34
8,676,466	B2 *	3/2014	Mudalige	.....	G08G 1/22
					370/252
8,774,981	B2 *	7/2014	Paz-Meidan	.....	B25J 5/00
					700/245
9,396,661	B2 *	7/2016	Okamoto	.....	G08G 1/22
9,799,224	B2 *	10/2017	Okamoto	.....	G08G 1/22
2004/0193372	A1 *	9/2004	MacNeille	.....	G01C 21/26
					701/468
2014/0210646	A1 *	7/2014	Subramanya	.....	B61L 29/28
					340/928

* cited by examiner

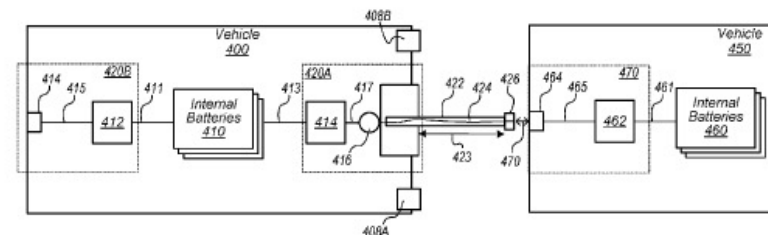
Primary Examiner — Yonel Beaulieu

(74) Attorney, Agent, or Firm — Robert C. Kowert; Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.

ABSTRACT

(57) A vehicle configured to be autonomously navigated in a peloton along a roadway, wherein the peloton comprises at least the vehicle at least one additional vehicle, is configured to determine a position of the vehicle in the peloton which reduces differences in relative driving ranges among the vehicles included in the peloton. The vehicles can dynamically adjust peloton positions while navigating to reduce driving range differences among the vehicles. The vehicle can include a power management system which enables the vehicle to be electrically coupled to a battery included in another vehicle in the peloton, so that driving range differences between the vehicles can be reduced via load sharing via the electrical connection. The vehicle can include a power connector arm which extends a power connector to couple with an interface of another vehicle.

20 Claims, 5 Drawing Sheets



Types of Prior Art Searches – Infringement Search

- To determine whether a patent claim would be infringed
- Compare a proposed product or service to non-expired U.S. patents

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

(10) **Patent No.:** **US 10,108,202 B1**
(45) **Date of Patent:** **Oct. 23, 2018**

(54) **PELTON**

(56) **References Cited**

(71) Applicant: **Apple Inc.**, Cupertino, CA (US)

U.S. PATENT DOCUMENTS

(72) Inventors: **Randol W. Aikin**, Sunnyvale, CA (US);
Malcolm J. Northcott, Felton, CA (US)

6,032,097 A * 2/2000 Iihoshi G08G 1/22
180/168
6,813,561 B2 * 11/2004 MacNeille G01C 21/26
342/357.34
8,676,466 B2 * 3/2014 Mudalige G08G 1/22
370/252
8,774,981 B2 * 7/2014 Paz-Meidan B25J 5/00
700/245
9,396,661 B2 * 7/2016 Okamoto G08G 1/22
9,799,224 B2 * 10/2017 Okamoto G08G 1/22
2004/0193372 A1 * 9/2004 MacNeille G01C 21/26
701/468
2014/0210646 A1 * 7/2014 Subramanya B61L 29/28
340/928

(73) Assignee: **Apple Inc.**, Cupertino, 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.: **15/275,100**

(22) Filed: **Sep. 23, 2016**

* cited by examiner

Primary Examiner — Yonel Beaulieu

(74) Attorney, Agent, or Firm — Robert C. Kowert;
Meyertons, Hood, Kivlin, Kowert & Goetzel, P.C.

Related U.S. Application Data

(60) Provisional application No. 62/232,853, filed on Sep. 25, 2015.

(57) **ABSTRACT**

September 23, 2016

+

20 years

+

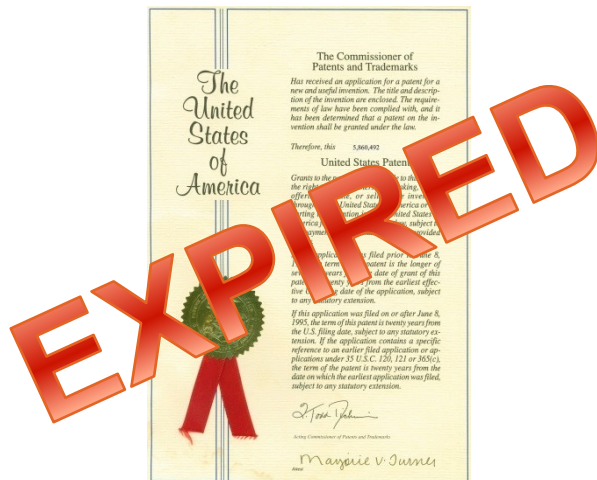
0 days

=

September 23, 2036

Types of Prior Art Searches – Clearance Search

- To determine if an action is a “safe” practice of the prior art (“safe” = reduced risk of patent infringement liability)
- Try to find that the invention has been “dedicated to the public”



- Scope
 - Expired or Lapsed Patents
 - Abandoned Published Patent Applications

Types of Prior Art Searches – State of the Art Search

- To determine the “lay of the land” in a technical space
- Look at the broad, general inventive concept without specific implementation details





USPTO's 7-Step Search Strategy

1. Brainstorm Terms
2. Find Cooperative Patent Classification (CPC)
3. Verify CPC
4. Retrieve Issued U.S. Patents with CPC, Review and Narrow Results
5. Review Each Relevant Patent in Depth including References Cited by the Examiner and the Applicant
6. Retrieve U.S. Patent Applications with CPC, Review and Narrow Results
7. Broaden Your Search

www.uspto.gov/learning-and-resources/support-centers/patent-and-trademark-resource-centers-ptrc/resources/seven

USPTO Search Example – Step 1

- Invention: Umbrella with a new rib design to eliminate collapsing or inverting due to winds

Step 1: Brainstorm Terms

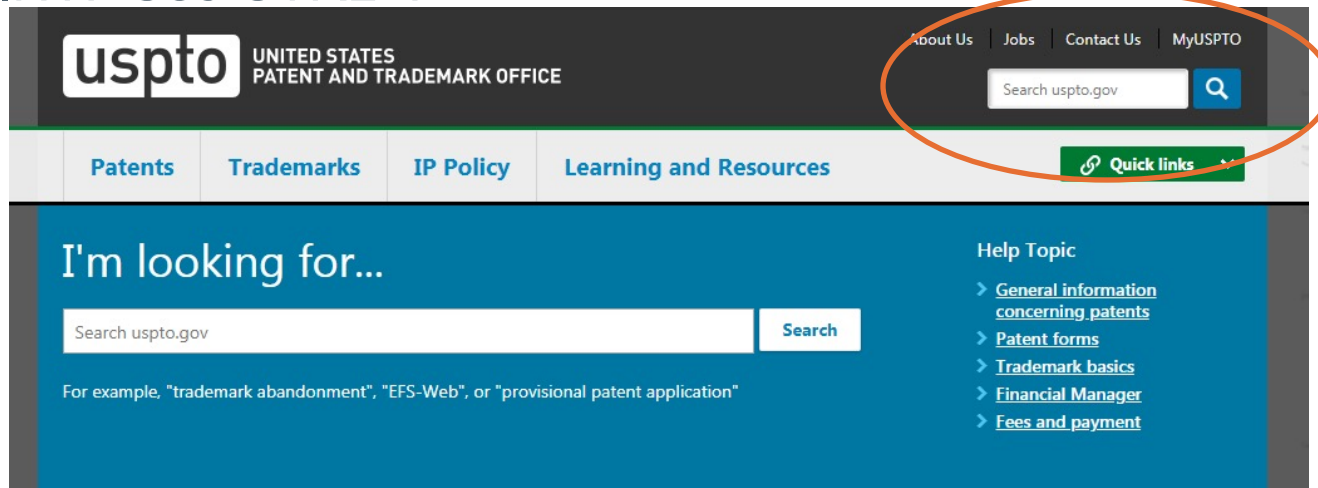
- Umbrella
- Rib
- Parasol
- Sunshade
- Wind-resistant



USPTO Search Example – Step 2

Step 2: Find CPC

- www.uspto.gov
- Search for “CPC scheme umbrella”
- Scan results for the best match: “A45B 25/22 Devices for increasing the resistance of umbrellas to wind”
- ❖ HINT: Adjust indentation level
- ❖ HINT: Use CTRL+F



USPTO Search Example – Step 3

Step 3: Verify Relevancy of CPC

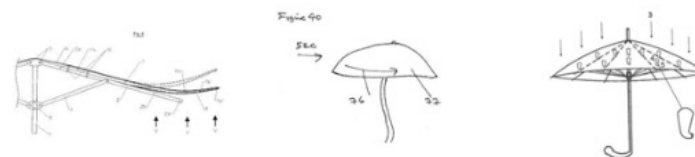
D	A45B 25/20	. . Windows in covers
D	A45B 25/22	. Devices for increasing the resistance of umbrellas to wind
D -	A45B 25/24	. Protective coverings for umbrellas when closed
D	A45B 25/26	. . Ventilated coverings
D	A45B 25/28	. Drip receptacles for umbrellas; Attaching devices therefor
D	A45B 25/30	. Name-plates; Badges; Labelling or marking devices; Means for attaching same (attached to the umbrella stick A45B 9/06)
D -	A45B 27/00	Ladies' or like fans
D	A45B 27/02	. with mechanical hand-drive

A45B 25/22

Devices for increasing the resistance of umbrellas to wind

Definition statement

This place covers:



USPTO Search Example – Step 4

Step 4: Retrieve Issued U.S. Patents with CPC

- www.uspto.gov/patent
 - Use PatFT tool
 - Search String:
CPC/A45B25/22
- ❖ HINT: No spaces



Patent Tools & Links

<p> Search for patents</p> <p>Find existing patents, published patent applications and other published patent documentation</p> <p>PatFT AppFT</p>	<p> File Online</p> <p>File a patent application online with EFS-Web</p> <p>EFS-Web</p>	<p> Check the filing status of your patent application</p> <p>Check patent application status with public PAIR and private PAIR</p> <p>PAIR</p>
<p> Patent forms</p> <p>Forms for patent applications and issued patents</p>	<p>Patents Assignments: Change & search ownership</p> <p>During the examination of pending patent application as well as after the patent is granted, the owner may create and submit a Patent Assignment Recordation Coversheet to change patent ownership or owner name</p> <p>EPAS AOTW-P</p>	

Query [\[Help\]](#)

Term 1: in Field 1:

Term 2: in Field 2:

Select years [\[Help\]](#)

USPTO Search Example – Step 4 (continued)

Step 4 (cont.): Review and Narrow Results of >100 patents, including U.S. Patent No. 10,092,069

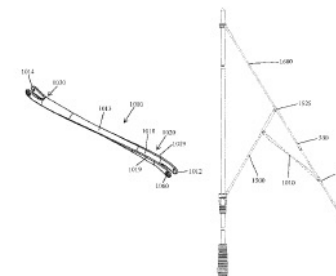
❖ HINT: Click “Images” Button

❖ HINT: Click “Full Pages” Button

(12) United States Patent Haythornthwaite et al.		(10) Patent No.: US 10,092,069 B2
		(45) Date of Patent: Oct. 9, 2018
(54) UMBRELLA HAVING AN ANTI-INVERSION MECHANISM		(58) Field of Classification Search CPC A45B 25/18; A45B 25/22; A45B 25/02 USPC 135/27, 32, 33.5, 38, 39, 40, 42, 43 See application file for complete search history.
(71) Applicant: Shedrain Corporation , Portland, OR (US)		(56) References Cited U.S. PATENT DOCUMENTS 864,572 A 8/1907 Stimmel 1,167,431 A 1/1916 Raabe 1,369,996 A 3/1921 Westbeld 1,405,824 A * 2/1922 Evans A45B 25/02 135/29 1,434,942 A 11/1922 Brandt 1,741,043 A 1/1930 Mclean 1,964,292 A 6/1934 Livingston 2,185,587 A 1/1940 Carlisle (Continued) FOREIGN PATENT DOCUMENTS CN 2381177 6/2000 DE 396403 2/1924 (Continued) <i>Primary Examiner</i> — Noah Chandler Hawk (74) <i>Attorney, Agent, or Firm</i> — Leason Ellis LLP
(67) Inventors: David Haythornthwaite , Fujian Province (CN); Andrew Haythornthwaite , Fujian Province (CN)		
(73) Assignee: SHEDRAIN CORPORATION , Portland, OR (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.: 15/409,088		
(22) Filed: Jan. 18, 2017		
(65) Prior Publication Data US 2017/0196324 A1 Jul. 13, 2017		
Related U.S. Application Data		
(63) Continuation-in-part of application No. 14/614,906, filed on Feb. 5, 2015, now Pat. No. 9,668,553.		
(60) Provisional application No. 62/377,042, filed on Aug. 19, 2016, provisional application No. 62/423,708, filed on Nov. 17, 2016.		
(51) Int. Cl. A45B 25/22 (2006.01) A45B 25/06 (2006.01) A45B 25/18 (2006.01) A45B 25/14 (2006.01) A45B 25/02 (2006.01)		
(52) U.S. Cl. CPC A45B 25/22 (2013.01); A45B 25/02 (2013.01); A45B 25/06 (2013.01); A45B 25/14 (2013.01); A45B 25/18 (2013.01)		

(57) **ABSTRACT**
An umbrella has a plurality of ribs attached to a runner by main struts. The umbrella has an anti-inversion mechanism formed of a plurality of anti-inversion struts. Each anti-inversion strut is pivotally coupled to one respective main strut and is pivotally connected to a floating joint member that is freely movable along a length of one respective rib. The anti-inversion mechanism also includes a stop that is fixedly attached to the rib and restricts the degree of travel of the floating joint member along the rib and is positioned to prevent the respective rib from inverting in response to an applied force.

17 Claims, 33 Drawing Sheets



USPTO Search Example – Steps 5 & 6

Step 5: Review Each Relevant Patent in Depth including References Cited during Examination

- ❖ HINT: List of the references cited by the Examiner and the Applicant starts on the front page of the patent

(56)

References Cited

U.S. PATENT DOCUMENTS

864,572 A	8/1907	Stimmel	
1,167,431 A	1/1916	Raabe	
1,369,996 A	3/1921	Westbeld	
1,405,824 A *	2/1922	Evans	A45B 25/02 135/29
1,434,942 A	11/1922	Brandt	
1,743,043 A	1/1930	Mclean	
1,964,292 A	6/1934	Livingston	
2,185,587 A	1/1940	Carlisle	

(Continued)

FOREIGN PATENT DOCUMENTS

CN	2381177	6/2000
DE	390403	2/1924

(Continued)

Step 6: Retrieve U.S. Patent Applications with CPC, Review and Narrow Results

- Use AppFT tool
- Example: CPC/A45B25/22

USPTO Search – Step 7

Step 7: Broaden Your Search

- Consider inventor(s) and assignees of relevant patents

Searching US Patent Collection...

Results of Search in US Patent Collection db for:

AN/shedrain: 16 patents.

Hits 1 through 16 out of 16

Jump To

Refine Search

PAT. NO.	Title
1 10,092,069	T Umbrella having an anti-inversion mechanism
2 9,756,912	T Wind resistant umbrella
3 D789,074	T Button for a handle
4 9,668,554	T Umbrella having an anti-inversion mechanism
5 9,668,553	T Umbrella having an anti-inversion mechanism
6 9,609,926	T Umbrella having improved shaft and rib assembly
7 D773,799	T Button for a handle
8 9,301,582	T Umbrella having improved shaft and rib assembly
9 D699,543	T Handle
10 D691,446	T Handle
11 D689,280	T Umbrella having reflective material
12 D652,203	T Umbrella having reflective material
13 7,996,961	T Pliable handle
14 7,634,839	T Pliable handle
15 7,234,205	T Pliable handle
16 6,968,599	T Pliable handle

Searching US Patent Collection...

Results of Search in US Patent Collection db for:

IN/Haythornthwaite: 33 patents.

Hits 1 through 33 out of 33

Jump To

Refine Search

PAT. NO.	Title
1 10,092,069	T Umbrella having an anti-inversion mechanism
2 9,838,749	T System and methods for providing content to vehicles
3 9,756,912	T Wind resistant umbrella
4 D789,074	T Button for a handle
5 9,668,554	T Umbrella having an anti-inversion mechanism
6 9,668,553	T Umbrella having an anti-inversion mechanism
7 9,609,926	T Umbrella having improved shaft and rib assembly
8 D773,799	T Button for a handle
9 9,301,582	T Umbrella having improved shaft and rib assembly
10 8,858,038	T Lighting apparatus with peak/flat adjustment
11 D713,637	T Pocket umbrella and container
12 D699,543	T Handle
13 D691,446	T Handle
14 8,453,660	T Foldable pocket umbrella
15 D481,531	T Umbrella handle
16 D466,764	T Eating utensil
17 6,453,063	T Automatic focused ion beam imaging system and method
18 6,288,393	T Automated method of circuit analysis
19 5,647,982	T Vacuum filter element
20 D343,351	T Container
21 D309,071	T Condiment dispenser
22 4,721,222	T Combination beverage can carrier device and drinking accessory
23 4,702,004	T Glass razor blade and handle
24 4,616,828	T Tennis ball
25 4,613,138	T Tennis racquet with flexible membrane frame
26 4,597,576	T Sports racquet utilizing non-circular strings
27 D283,343	T Heater
28 D281,810	T Heater

USPTO Search – Step 7

Step 7: Broaden Your Search

- Keyword Searching
 - ❖ HINT: Use OR between synonyms
 - ❖ HINT: Place phrases and terms of art in quotation marks
 - ❖ HINT: Use truncation symbols (\$)
- Other sources:
 - Search the Espacenet patent database @ <http://worldwide.espacenet.com>
 - Search Non-Patent Literature Disclosures

Searching US Patent Collection...

Results of Search in US Patent Collection db for:
 ((wind AND rib) AND (umbrella OR parasol)): 389 patents.
 Hits 1 through 50 out of 389

Next 50 Hits

Jump To

Refine Search

(wind AND rib) AND (umbrella OR parasol)

PAT. NO.

- 1 [10,101,045](#) **T** [Apparatus for both humidification and air cleaning](#)
- 2 [10,101,044](#) **T** [Humidification and air cleaning apparatus](#)
- 3 [10,092,069](#) **T** [Umbrella having an anti-inversion mechanism](#)
- 4 [10,092,034](#) **T** [Domed water pipe with supporting tray](#)
- 5 [10,088,111](#) **T** [Collapsible LED fixture](#)
- 6 [10,077,893](#) **T** [Removable anchoring system and uses thereof](#)
- 7 [10,076,400](#) **T** [Embolic protection device and method](#)
- 8 [10,072,858](#) **T** [Apparatus for both humidification and air cleaning](#)
- 9 [10,072,857](#) **T** [Apparatus for both humidification and air cleaning](#)
- 10 [10,054,323](#) **T** [Apparatus for both humidification and air cleaning](#)
- 11 [10,034,491](#) **T** [Domed water pipe with supporting tray](#)
- 12 [10,016,033](#) **T** [Adjustable canopy umbrella with auditory pin locking and centering system](#)
- 13 [9,986,798](#) **T** [Umbrellas with inflatable portions](#)
- 14 [9,968,167](#) **T** [Unique twelve-different-application umbrella system, having pivotable pole](#)
- 15 [9,964,259](#) **T** [Collapsible LED fixture](#)
- 16 [9,943,148](#) **T** [Protector for rib tip of umbrella](#)
- 17 [9,901,149](#) **T** [Canopies and canopy support structures](#)
- 18 [9,861,168](#) **T** [Free arm umbrella](#)
- 19 [9,844,250](#) **T** [Anti-turning umbrella frame](#)
- 20 [9,839,268](#) **T** [Wind-resistant umbrella frame structure](#)
- 21 [9,822,545](#) **T** [Deployable shading structure](#)

Trademarks

JUST DO IT.®

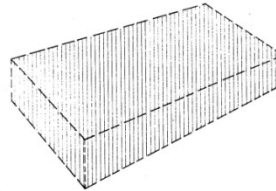


Int. Cl.: 17

Prior U.S. Cl.: 12

United States Patent and Trademark Office Reg. No. 1.
Registered Mark

TRADEMARK
PRINCIPAL REGISTER



OWENS-CORNING FIBERGLAS CORPORATION (DELAWARE CORPORATION)
FIBERGLASS TOWER
TOLEDO, OH 43659

FOR: FIBROUS GLASS RESIDENTIAL INSULATION, IN CLASS 17 (U.S. CL. 12).
FIRST USE 0-0-1956; IN COMMERCE 0-0-1956.

THE DRAWING IS LINED TO THE COLOR PINK.
SEC. 2(F).

SER. NO. 247,707, FILED 1-25-1980.
ROBERT PEVERADA, EXAMINING ATTORNEY



NBC chimes

United States of America
United States Patent and Trademark Office

NON-VISUAL PLAY-DOH SCENT
MARK

Reg. No. 5,467,089

Registered May 15, 2018

Int. Cl.: 28

Trademark

Principal Register

Hasbro, Inc. (RHODE ISLAND CORPORATION)
1027 Newport Avenue
Pawtucket, RHODE ISLAND 02862

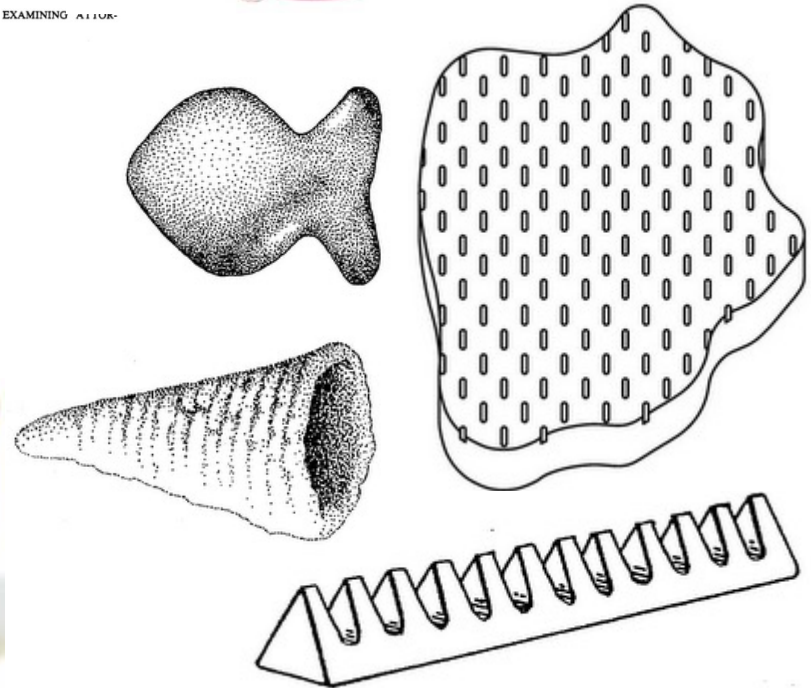
CLASS 28: Toy modeling compounds

FIRST USE 9-12-1955; IN COMMERCE 9-12-1955

The mark is a scent of a sweet, slightly musky, vanilla fragrance, with slight overtones of cherry, combined with the smell of a salted, wheat-based dough

SEC.2(F)

SER. NO. 87-335,817, FILED 02-14-2017



Trade Dress



United States of America

United States Patent and Trademark Office



Reg. No. 4,277,914

Registered Jan. 22, 2013

Int. Cl.: 35

SERVICE MARK

PRINCIPAL REGISTER

APPLE INC. (CALIFORNIA CORPORATION)
1 INFINITE LOOP
MS 36-4TM
CUPERTINO, CA 95014

FOR: RETAIL STORE SERVICES FEATURING COMPUTERS, COMPUTER SOFTWARE, COMPUTER PERIPHERALS, MOBILE PHONES, CONSUMER ELECTRONICS AND RELATED ACCESSORIES, AND DEMONSTRATION OF PRODUCTS RELATING THERETO, IN CLASS 35 (U.S. CLS. 100, 101 AND 102).

FIRST USE 9-0-2006; IN COMMERCE 9-0-2006.

THE MARK CONSISTS OF THE DESIGN AND LAYOUT OF A RETAIL STORE. THE STORE FEATURES A CLEAR GLASS STOREFRONT SURROUNDED BY A BANELED FACADE CONSISTING OF LARGE, RECTANGULAR HORIZONTAL PANELS OVER THE TOP OF THE GLASS FRONT, AND TWO NARROWER PANELS STACKED ON EITHER SIDE OF THE STOREFRONT. WITHIN THE STORE, RECTANGULAR RECESSED LIGHTING UNITS TRAVERSE THE LENGTH OF THE STORE'S CEILING. THERE ARE CANTILEVERED SHELVES BELOW RECESSED DISPLAY SPACES ALONG THE SIDE WALLS, AND RECTANGULAR TABLES ARRANGED IN A LINE IN THE MIDDLE OF THE STORE PARALLEL TO THE WALLS AND EXTENDING FROM THE STOREFRONT TO THE BACK OF THE STORE. THERE IS MULTI-TIERED SHELVING ALONG THE SIDE WALLS, AND A OBLONG TABLE WITH STOOLS LOCATED AT THE BACK OF THE STORE. SET BELOW VIDEO SCREENS FLUSH MOUNTED ON THE BACK WALL. THE WALLS, FLOORS, LIGHTING, AND OTHER FIXTURES APPEAR IN DOTTED LINES AND ARE NOT CLAIMED AS INDIVIDUAL FEATURES OF THE MARK, HOWEVER, THE PLACEMENT OF THE VARIOUS ITEMS ARE CONSIDERED TO BE PART OF THE OVERALL MARK.

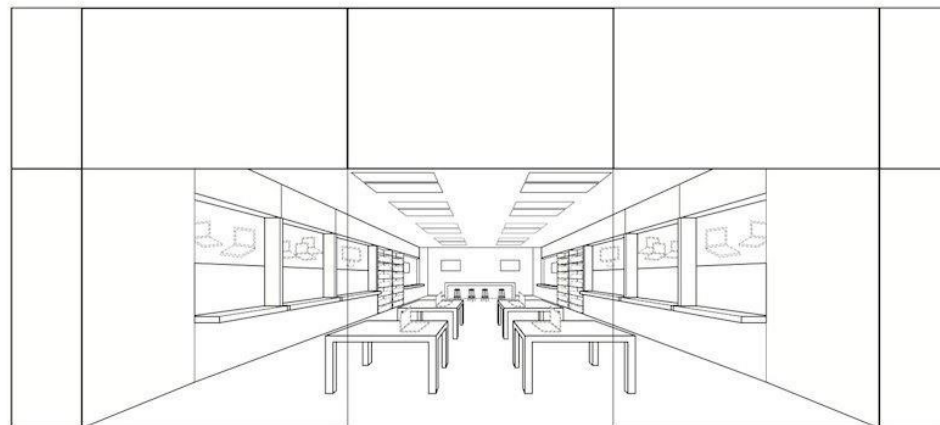
SEC. 2(F).

SER. NO. 85-036,990, FILED 5-12-2010.

MICHAEL W. BAIRD, EXAMINING ATTORNEY

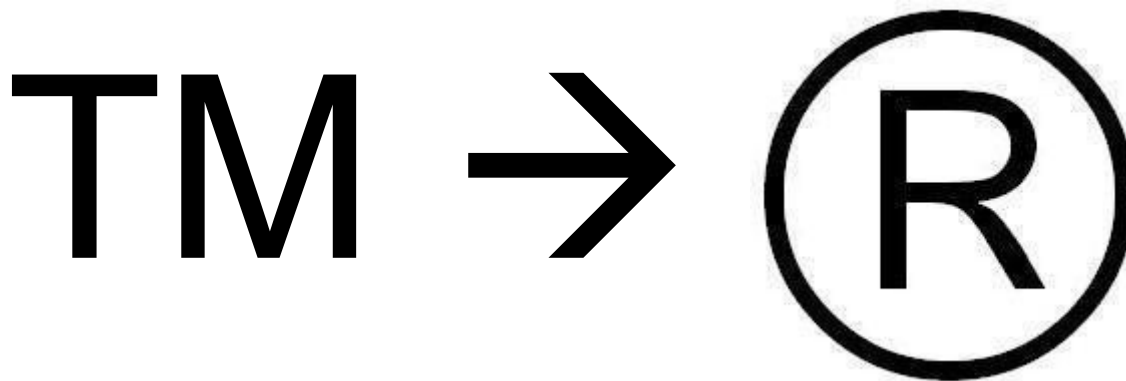


David J. Kappas
Director of the United States Patent and Trademark Office



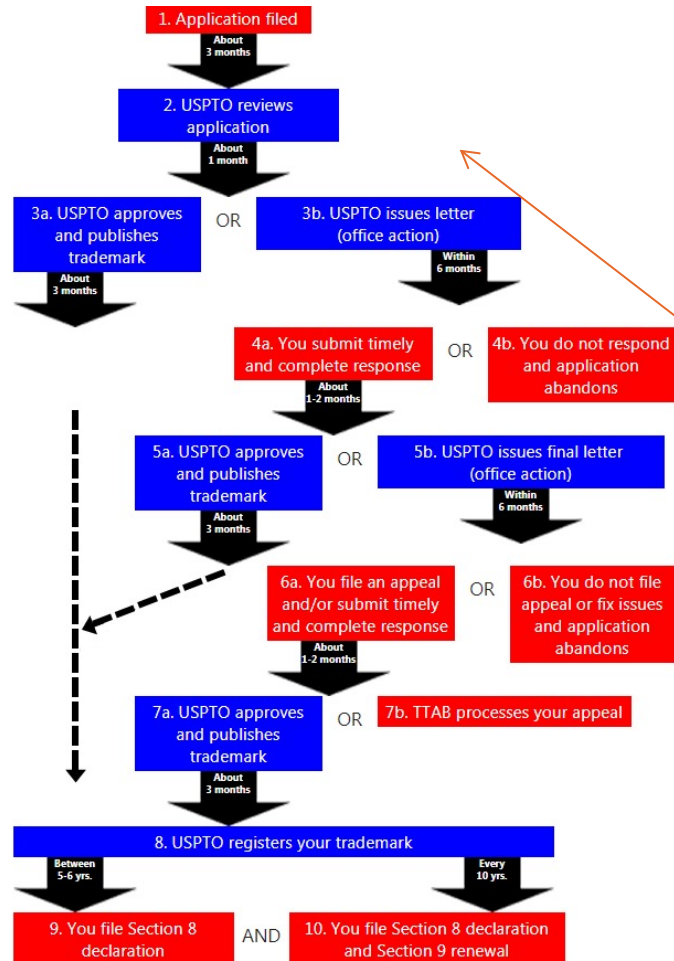
Trademark Procurement

- USPTO's Trademark Process
- www.uspto.gov/trademarks-getting-started/trademark-process



- 1 Is a trademark application right for you?
- 2 Get ready to apply
- 3 Prepare and submit your application
- 4 Work with the assigned USPTO examining attorney
- 5 Receive approval/denial of your application
- 6 Maintain your registration

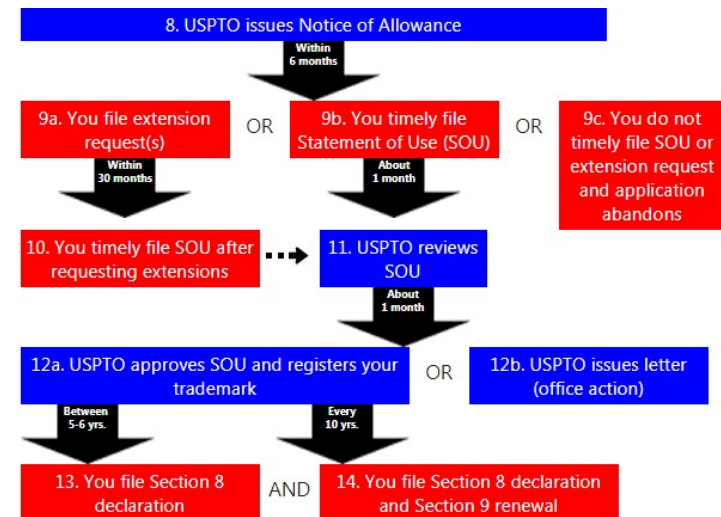
Trademark Procurement - flowcharts



Follow 1(a) timeline, then...

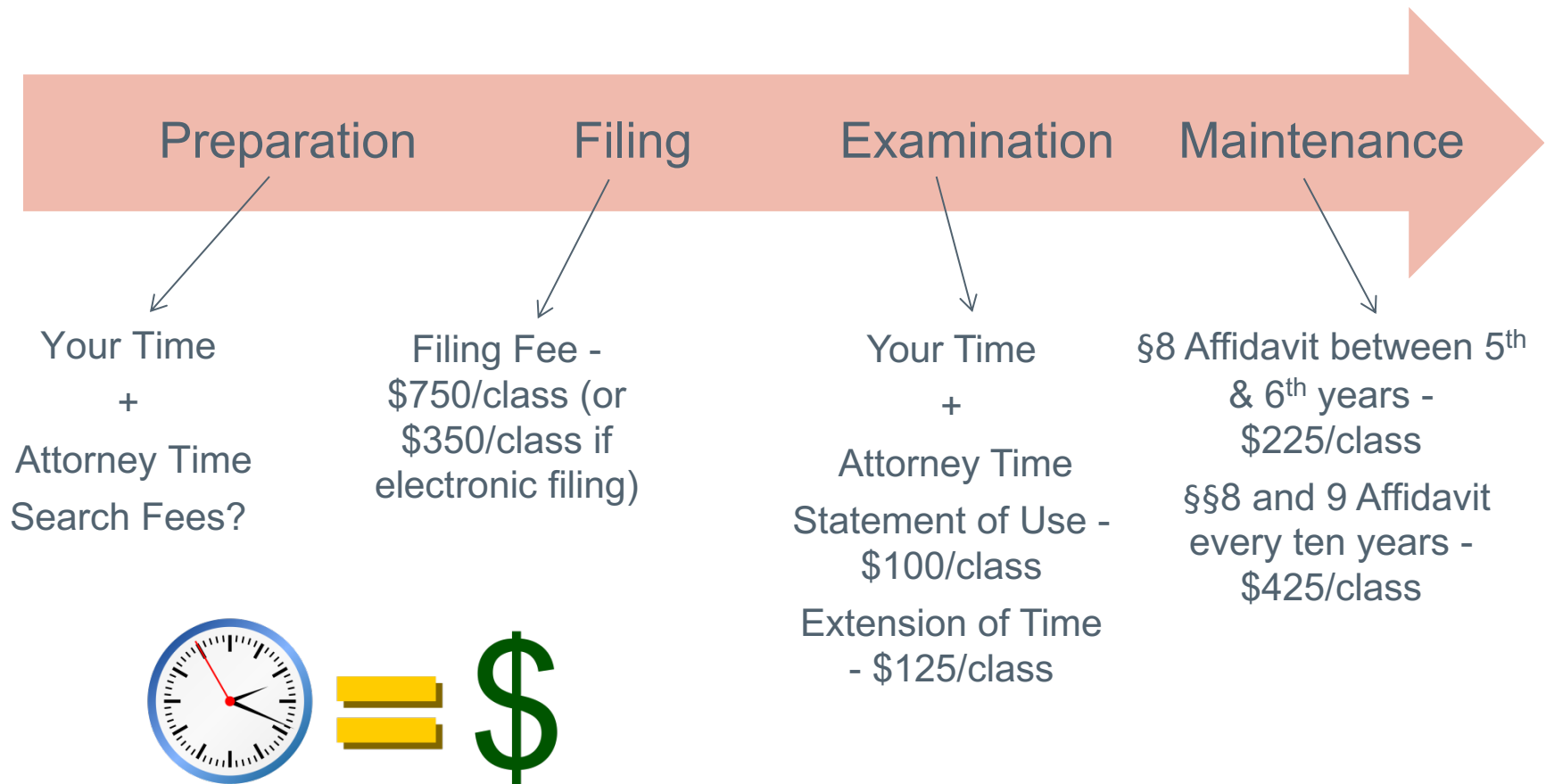
1(a) Basis Use-in-Commerce

1(b) Basis Intent-to-Use



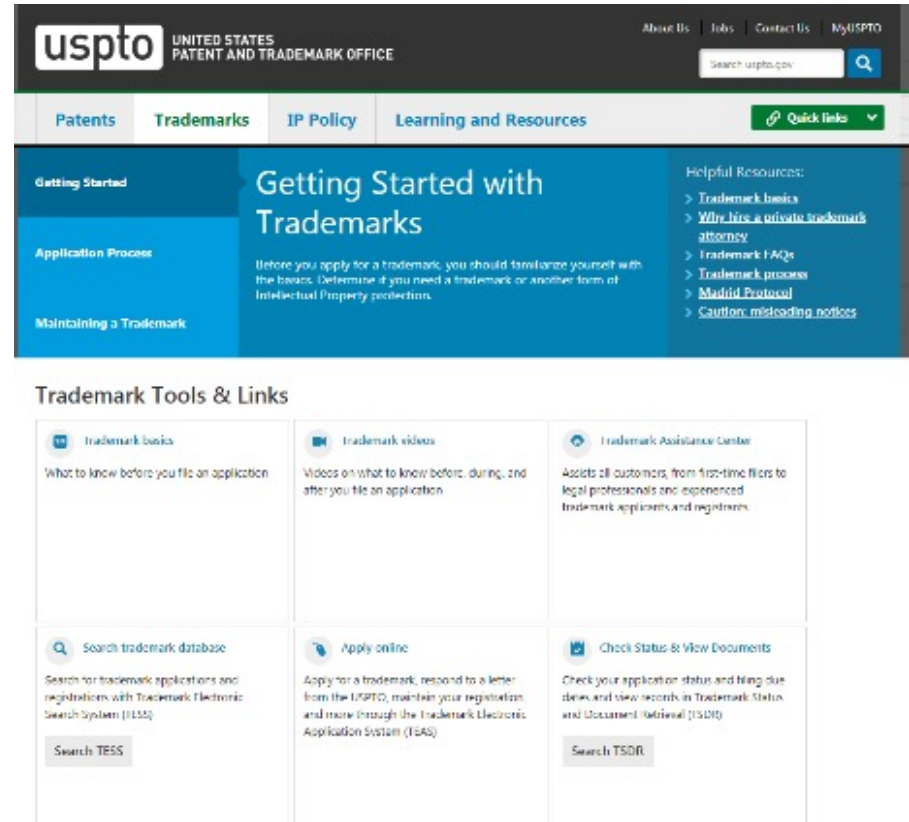
www.uspto.gov/trademark/trademark-timelines/trademark-application-and-post-registration-process-timelines

Trademark Procurement – a financial timeline



Trademark Searching

- www.uspto.gov/trademark
- Exact mark
- Part(s) of the mark
 - ❖ HINT: Try sounds-like searching
- Combine part(s) of the mark with an International Classification (IC) (Find @ www.wipo.int/classifications/nice/en/)
- Combine part(s) of the mark with goods or services
- Other sources: common law use (search online)



Overlapping Universes of Intellectual Property

Function

Utility Patents

Design
Patents

Copyrights

Trademarks

Appearance

Trade Dress

Brand

beat  bots

Case Study #1 – Beatbots LLC

- Founded by a CMU grad student
- Website: <http://beatbots.net/>
- Products and Services
 - Robots
 - Software
 - Apparel
- Intellectual Property
 - Utility Patents (search at www.uspto.gov)
 - Design Patents (search at www.uspto.gov)
 - Trademarks (search at www.uspto.gov)
 - Copyrights (search at www.copyright.gov)



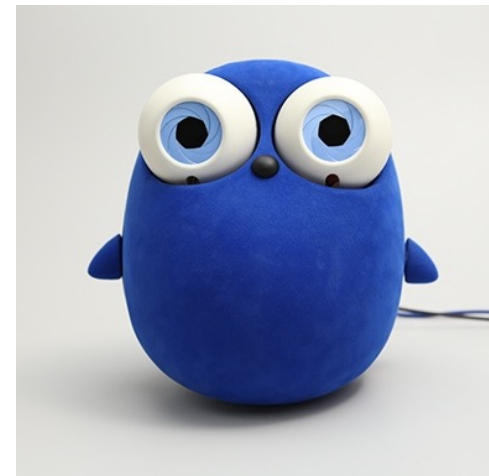
Beatbots's Brand



- Trademarks
 - Registered U.S. trademark BEATBOTS in International Classes 9 (electrical and scientific apparatus), 25 (apparel), and 28 (games and playthings)
 - Foreign trademarks
 - Unregistered marks

Beatbots's Blennie

- A wobbling robot that exhibits vestibulo-ocular reflex
- <http://beatbots.net/blennie>
- Intellectual Property
 - Utility Patent: U.S. Patent No. 9,358,475, which claims priority to a provisional patent application
 - Design Patent: U.S. Design Patent No. D714,881
 - Trademarks?
 - Copyright?
 - Trade Dress?



(54) **ROBOT**

(71) Applicant: **Beatbots, LLC**, San Francisco, CA (US)

(72) Inventors: **Marek P. Michalowski**, San Francisco, CA (US); **Gregory R. Katz**, San Francisco, CA (US); **Thiago G. Hersan**, Pittsburgh, PA (US); **Alea C. Teeters**, Daly City, CA (US)

(73) Assignee: **BEATBOTS, LLC**, San Francisco, 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.: **14/568,821**

(22) Filed: **Dec. 12, 2014**

(65) **Prior Publication Data**

US 2015/0165336 A1 Jun. 18, 2015

Related U.S. Application Data

(60) Provisional application No. 61/915,249, filed on Dec. 12, 2013.

(51) **Int. Cl.**

A63H 13/18 (2006.01)
A63H 29/22 (2006.01)
A63H 13/00 (2006.01)
A63H 3/40 (2006.01)
A63H 15/06 (2006.01)

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

CPC **A63H 29/22** (2013.01); **A63H 3/40** (2013.01); **A63H 13/00** (2013.01); **A63H 15/06** (2013.01); **Y10S 901/46** (2013.01); **Y10S 901/48** (2013.01)

(58) **Field of Classification Search**

USPC 446/273-275, 279, 280, 286-288, 446/324-326, 330, 351, 353, 379, 431, 457
See application file for complete search history.

(56) **References Cited**

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(Continued)

Primary Examiner — Nini Legesse

(74) Attorney, Agent, or Firm — K&L Gates LLP

(57) **ABSTRACT**

A robot is disclosed. The robot can comprise a body comprising a curved base and a multi-directional center of mass shifter assembly positioned within the body. The multi-directional center of mass shifter assembly can comprise a weight, a first actuator drivingly coupled to the weight, and a second actuator drivingly coupled to the first actuator. Actuation of the first actuator can be configured to rotate the weight relative to a first axis, and actuation of the second actuator can be configured to rotate the weight relative to a second axis, which is transverse to the first axis. The robot can comprise an inertial measurement unit, a controller, and/or an eye movable relative to the body. The position of the eye can be adjusted by an eye actuation assembly.

14 Claims, 12 Drawing Sheets

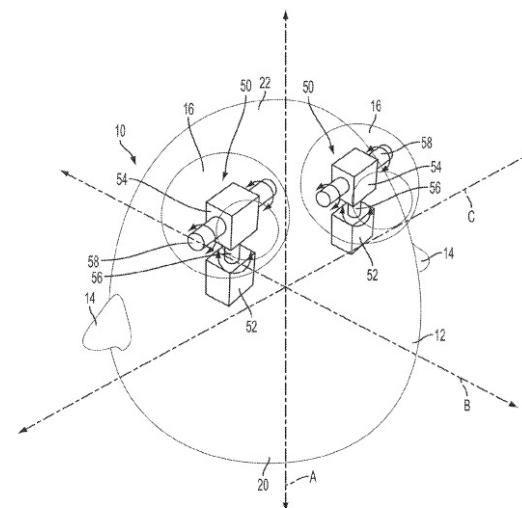


FIG. 5

11. A robot, comprising:

a body comprising an inertial measurement unit, wherein the inertial measurement unit is configured to detect a direction of movement of the body;

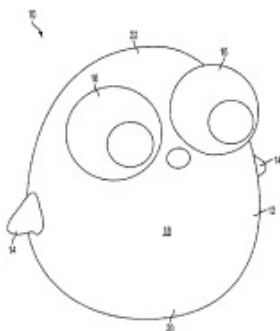
an eye movable relative to the body, wherein the eye comprises an actuation assembly comprising:

a first actuator comprising a first output drive;

a second actuator coupled to the first output drive,

wherein the second actuator comprises a second output drive, and wherein the second output drive is transverse to the first output drive; and

a controller in communication with the inertial measurement unit and the actuation assembly, wherein the controller is configured to control the actuation assembly to move the eye in the opposite direction of the direction of movement of the body detected by the inertial measurement unit.



(54) **TOY**(71) Applicant: **BeatBots LLC**, San Francisco, CA (US)(72) Inventors: **Marek Piotr Michalowski**, San Francisco, CA (US); **Gregory R. Katz**, Deerfield, IL (US)(73) Assignee: **Beatbots LLC**, San Francisco, CA (US)(**) Term: **14 Years**(21) Appl. No.: **29/473,682**(22) Filed: **Nov. 25, 2013**(51) **LOC (10) CL** **21-01**(52) **U.S. CL**USPC **D21/576**; D21/606; D21/623(58) **Field of Classification Search**USPC D6/598; D11/158; D21/576-585, 597,
D21/604-608, 622-623, 630, 658-659;
446/72-73, 97-98, 268, 369; D30/160

See application file for complete search history.

(56) **References Cited**

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* cited by examiner

Primary Examiner — Sandra Morris

(74) Attorney, Agent, or Firm — K&L Gates LLP

(57)

CLAIM

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

DESCRIPTION

FIG. 1 is a front-left perspective view of a toy.

FIG. 2 is a front elevation view thereof.

FIG. 3 is a rear elevation view thereof.

FIG. 4 is a left elevation view thereof.

FIG. 5 is a right elevation view thereof.

FIG. 6 is a top plan view thereof.

FIG. 7 is a bottom plan view thereof.

FIG. 8 is a front-left perspective view of a second embodiment of the toy;

FIG. 9 is a front elevation view thereof.

FIG. 10 is a front elevation view thereof in an alternate position.

FIG. 11 is a front elevation view thereof in a second alternate position.

FIG. 12 is a front elevation view thereof in a third alternate position.

FIG. 13 is a rear elevation view thereof.

FIG. 14 is a left elevation view thereof.

FIG. 15 is a right elevation view thereof.

FIG. 16 is a top plan view thereof.

FIG. 17 is a bottom plan view thereof.

FIG. 18 is a front-left perspective view of a third embodiment of the toy;

FIG. 19 is a front elevation view thereof.

FIG. 20 is a rear elevation view thereof.

FIG. 21 is a left elevation view thereof.

FIG. 22 is a right elevation view thereof.

FIG. 23 is a top plan view thereof; and,

FIG. 24 is a bottom plan view thereof.

In all figures, broken lines illustrate environmental structures and form no part of the claimed design.

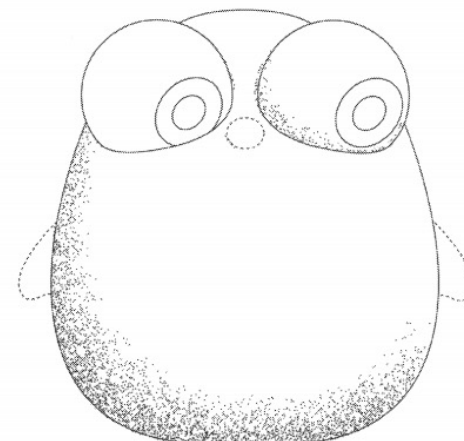
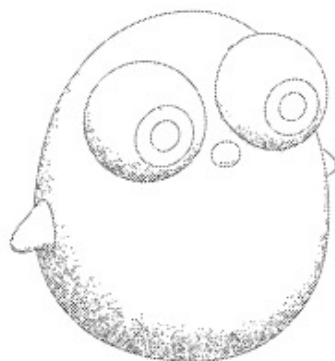
1 Claim, 24 Drawing Sheets

FIG. 11

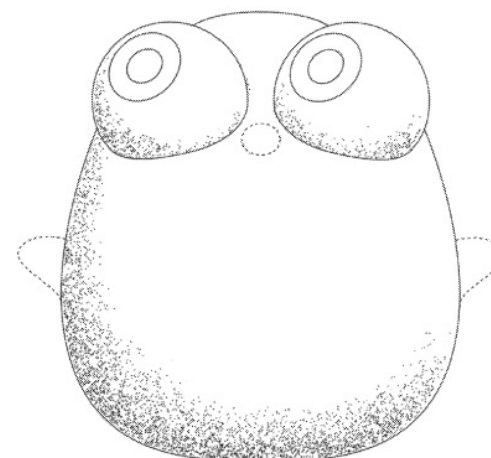
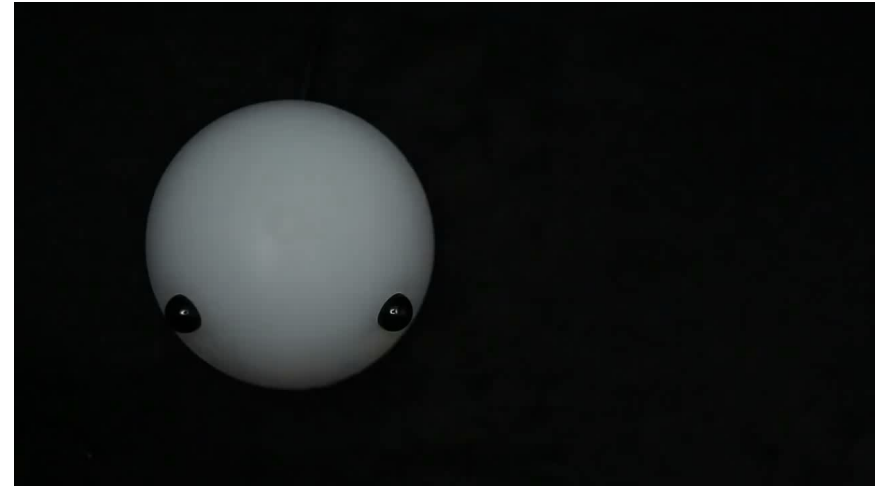


FIG. 12

Beatbots's Ploomi

- A glowing, touch-sensitive, interactive robotic character
- <http://beatbots.net/ploomi>
- Intellectual Property
 - Utility Patent: U.S. Patent No. 9,421,688, which claims priority to a provisional patent application
 - Design Patent: U.S. Design Patent No. D714,883
 - Trademarks?
 - Copyright?
 - Trade Dress?



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

(10) Patent No.: **US 9,421,688 B2**
(45) Date of Patent: **Aug. 23, 2016**

(54) **ROBOT**

(71) Applicant: **Beatbots, LLC**, San Francisco, CA (US)

(72) Inventors: **Marek P. Michalowski**, San Francisco, CA (US); **Gregory R. Katz**, San Francisco, CA (US); **Thiago G. Hersan**, Pittsburgh, PA (US)

(73) Assignee: **Beatbots, LLC**, San Francisco, 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.: **14/568,846**

(22) Filed: **Dec. 12, 2014**

(65) **Prior Publication Data**

US 2015/0165625 A1 Jun. 18, 2015

Related U.S. Application Data

(60) Provisional application No. 61/915,253, filed on Dec. 12, 2013.

(51) **Int. CL**
B25J 9/16 (2006.01)
G06N 3/00 (2006.01)

(52) **U.S. CL**
CPC **B25J 9/1694** (2013.01); **G05B 2219/40253** (2013.01); **G05B 2219/40414** (2013.01); **G05B 2219/40625** (2013.01); **G06N 3/0008** (2013.01); **Y10S 901/47** (2013.01); **Y10S 901/50** (2013.01)

(58) **Field of Classification Search**

CPC **B25J 9/1694**; **G06F 3/01**
See application file for complete search history.

(56) **References Cited**

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* cited by examiner

Primary Examiner — Nicholas Kiswanto
(74) *Attorney, Agent, or Firm* — K&L Gates LLP

(57) **ABSTRACT**

A robot is disclosed. The robot can comprise a body and an emotion-expressing system. The emotion-expressing system can comprise a touch sensor embedded within the body, a feedback generator, and a controller in communication with the touch sensor and the feedback generator. The controller can be configured to determine the emotional state of the robot based on feedback from the touch sensor, and the feedback generator can be configured to generate feedback indicative of the emotional state.

20 Claims, 6 Drawing Sheets

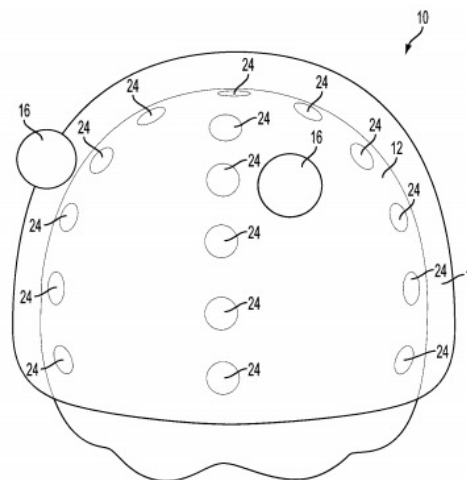
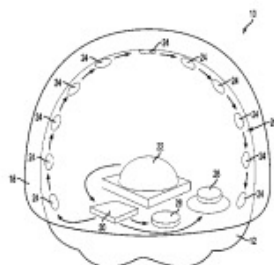


FIG. 1

1. An emotionally-expressive robot configured to respond to touches by an interactant, wherein the emotionally-expressive robot comprises:

a body comprising a deformable portion and a non-planar outer surface; and

an emotion-expressing system, comprising:

an internal touch sensor embedded within the body, wherein the deformable portion of the body is positioned intermediate the internal touch sensor and at least a portion of the non-planar outer surface, and wherein the internal touch sensor is configured to detect externally-applied forces at a plurality of non-planar locations on the non-planar outer surface through the deformable portion;

a feedback generator; and

a controller in communication with the internal touch sensor and the feedback generator, wherein the controller is configured to determine an emotional state of the robot based on feedback from the internal touch sensor, and wherein the feedback generator is configured to generate feedback indicative of the emotional state.

K&L GATES

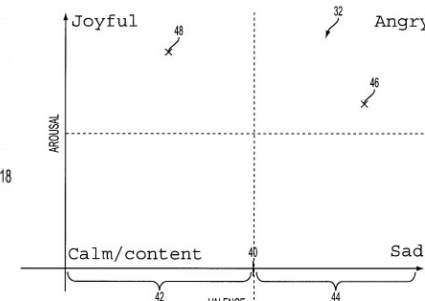


FIG. 6

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

(10) **Patent No.:** **US D714,883 S**
 (45) **Date of Patent:** **Oct. 7, 2014**

(54) **TOY**

(71) Applicant: **BeatBots LLC**, San Francisco, CA (US)

(72) Inventors: **Marek Piotr Michalowski**, San Francisco, CA (US); **Gregory R. Katz**, Deerfield, IL (US); **Thiago Galvao Hersan**, Oakland, CA (US)

(73) Assignee: **Beatbots LLC**, San Francisco, CA (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/473,694**

(22) Filed: **Nov. 25, 2013**

(51) **LOC (10) CL** **21-01**

(52) **U.S. CL** **D21/597; D21/576**

(58) **Field of Classification Search**

USPC D6/598; D11/158; D21/576-585, 597,
 D21/622-623, 630, 658-659; 446/72-73,
 446/97-98, 268, 369; D30/160

See application file for complete search history.

(56) **References Cited**

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* cited by examiner

Primary Examiner — Sandra Morris

(74) Attorney, Agent, or Firm — K&L Gates LLP

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front-right perspective view of a toy.

FIG. 2 is a rear-right perspective view thereof.

FIG. 3 is a front elevation view thereof.

FIG. 4 is a rear elevation view thereof.

FIG. 5 is a left elevation view thereof.

FIG. 6 is a right elevation view thereof.

FIG. 7 is a top plan view thereof.

FIG. 8 is a bottom plan view thereof.

FIG. 9 is a front-left perspective view of a second embodiment of the toy.

FIG. 10 is a front elevation view thereof.

FIG. 11 is a rear elevation view thereof.

FIG. 12 is a left elevation view thereof.

FIG. 13 is a right elevation view thereof.

FIG. 14 is a top plan view thereof; and,

FIG. 15 is a bottom plan view thereof.

In all figures, broken lines illustrate environmental structures and form no part of the claimed design.

1 Claim, 15 Drawing Sheets

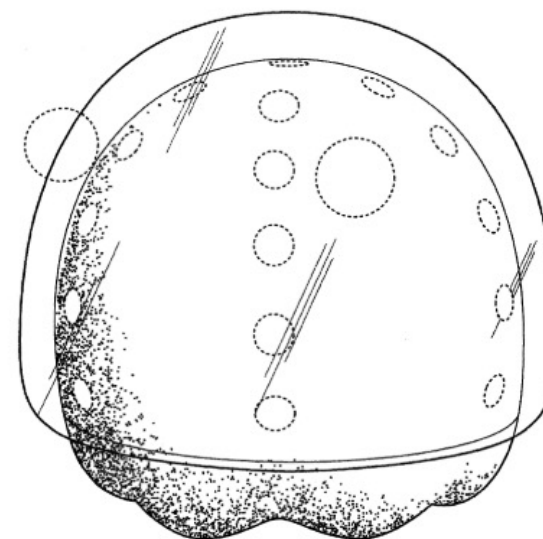


FIG. 1

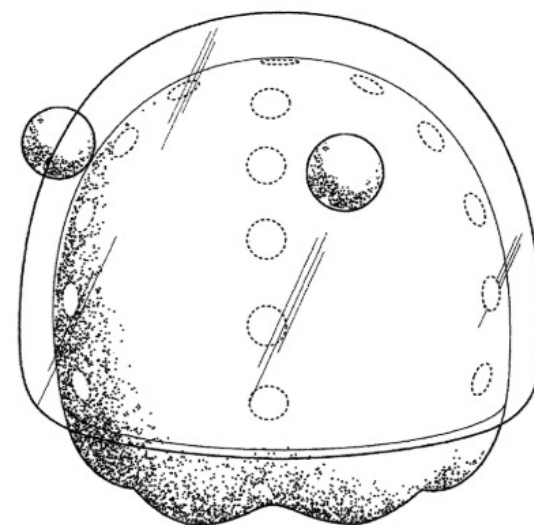
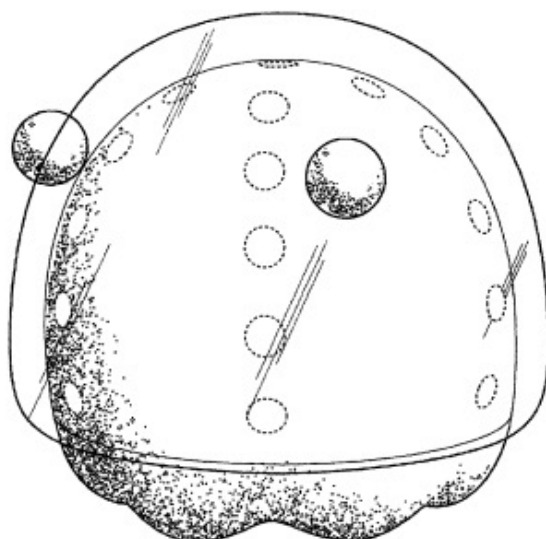


FIG. 9



Beatbots's metrognõm

- A metronome and a metro-gnome
- <http://beatbots.net/metrognom>
- Intellectual Property
 - Design Patent: U.S. Design Patent No. D714,888
 - Trademarks?
 - Copyright Registration Nos. VAu001149651 (color drawing), VAu001149660 (line drawing), VAu001149726 (sculpture)
 - Trade Dress?



(12) **United States Design Patent** (10) **Patent No.:** **US D714,888 S**
Kasznic et al. (45) **Date of Patent:** **Oct. 7, 2014**

(54) **TOY**

(71) Applicant: **BeatBots LLC**, San Francisco, CA (US)

(72) Inventors: **Justine Kasznica**, Pittsburgh, PA (US);
Marek Piotr Michalowski, San Francisco, CA (US); **Gregory R. Katz**, Deerfield, IL (US)

(73) Assignee: **Beatbots LLC**, San Francisco, CA (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/473,688**

(22) Filed: **Nov. 25, 2013**

(51) **LOC (10) Cl.** **21-01**

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

CPC **A63H 3/00** (2013.01)

USPC **D21/630**

(58) **Field of Classification Search**

CPC **A63H 3/00**

USPC **D21/621, 623-625, 628, 630-640,**

D21/643-649, 659; 446/268, 360, 361, 376,

446/379, 382-384

See application file for complete search history.

(56) **References Cited**

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* cited by examiner

Primary Examiner — Zenia Bennett

(74) Attorney, Agent, or Firm — K&L Gates LLP

(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a front-left perspective view of a toy.

FIG. 2 is a front elevation view thereof.

FIG. 3 is a front elevation view thereof in an alternate position.

FIG. 4 is a front elevation view thereof in a second alternate position.

FIG. 5 is a rear elevation view thereof.

FIG. 6 is a left elevation view thereof.

FIG. 7 is a right elevation view thereof.

FIG. 8 is a top plan view thereof; and,

FIG. 9 is a bottom plan view thereof.

In all figures, broken lines illustrate environmental structures and form no part of the claimed design.

1 Claim, 9 Drawing Sheets



Case Study #2: Uber Technologies Inc.

- Provider of a mobile application that allows users to request transportation services and automatically sends the closest available Uber driver to the user
- Founded in 2009
- Currently available in over 60 countries
- www.uber.com



Uber's Intellectual Property

- Issued U.S. Utility Patents
- Issued U.S. Design Patents
- Issued foreign patents (Canada and Europe)
- Pending U.S. and foreign patent applications
- Registered U.S. Trademarks, including:
 - UBER
 - UBEREATS
 - UBERRUSH
 - UBERX
 - EVERYONE'S PRIVATE DRIVER
 - UBERCAB



(12) **United States Patent**
Zych(10) **Patent No.:** **US 10,156,849 B1**
(45) **Date of Patent:** **Dec. 18, 2018**(54) **HUMAN SUPERVISION OF AN AUTOMATED DRIVING SYSTEM**(71) Applicant: **Uber Technologies, Inc.**, San Francisco, CA (US)(72) Inventor: **Noah Zych**, Pittsburgh, PA (US)(73) Assignee: **Uber Technologies, Inc.**, San Francisco, CA (US)

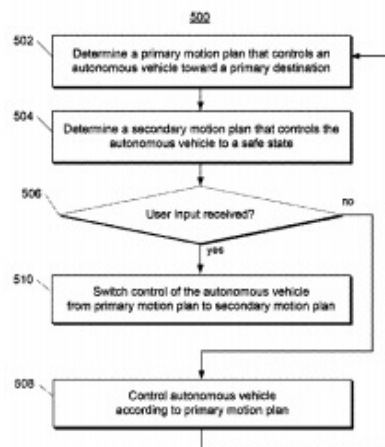
(*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: **15/638,739**(22) Filed: **Jun. 30, 2017**(51) **Int. Cl.**
G05D 1/00 (2006.01)
G05D 1/02 (2006.01)
G06Q 10/06 (2012.01)(52) **U.S. Cl.**
CPC **G05D 1/0214** (2013.01); **G06Q 10/06315** (2013.01)(58) **Field of Classification Search**
CPC G05D 1/0214; G06Q 10/06315
See application file for complete search history.(56) **References Cited****U.S. PATENT DOCUMENTS**9,551,992 B1 * 1/2017 Barton-Sweeney B60W 30/00
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International Search Report and Written Opinion for PCT/US2018/038010 dated Oct. 2, 2018, 11 pages.

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Primary Examiner — Adam D Tissot(74) *Attorney, Agent, or Firm* — Dority & Manning, PA(57) **ABSTRACT**

The present disclosure provides systems and methods that enable human supervision of a highly capable automated driving system. In particular, the systems and methods of the present disclosure enable a human (e.g., a passenger, driver/operator, or remote supervisor of an autonomous vehicle) to easily and quickly transition control of the autonomous vehicle from a primary motion plan that controls the vehicle towards a primary destination to a secondary motion plan that controls the vehicle to a safe state. As such, the systems and methods of the present disclosure enable advanced human supervision of autonomous vehicle behavior in which a human can cause an autonomous vehicle to operate in a risk-reduced manner or otherwise maneuver to a safe state, without requiring the human to actually assume manual control of the vehicle.

18 Claims, 4 Drawing Sheets

Independent Claim 1 in U.S. Patent No. 10,156,849

What is claimed is:

1. A computing system, comprising:

- one or more processors; and

- one or more non-transitory computer-readable media that collectively store instructions that, when executed by the one or more processors, cause the computing system to perform operations, the operations comprising:

 - prior to receiving a user input:

 - determining a primary motion plan that controls an autonomous vehicle towards a first destination;

 - determining a secondary motion plan that controls the autonomous vehicle to a second destination that is different than the first destination; and

 - controlling the autonomous vehicle according to the primary motion plan;

 - receiving the user input; and

- in response to receipt of the user input, switching a control of the autonomous vehicle from the primary motion plan to the secondary motion plan that was determined prior to receipt of the user input;

- wherein the computing system comprises multiple redundant motion planning systems, the multiple redundant motion planning systems comprising:

 - a primary motion planning system that determines the primary motion plan; and

 - a secondary motion planning system that determines the secondary motion plan; and

- wherein the primary motion planning system and the secondary motion planning system share sensor data but separately determine the primary motion plan and the secondary motion plan.

- (54) **COMPUTING DEVICE DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE FOR PROVIDING GEOGRAPHIC-BASED SERVICE INFORMATION**
- (71) Applicant: **Uber Technologies, Inc.**, San Francisco, CA (US)
- (72) Inventors: **Didier Patrick Hilhorst**, San Francisco, CA (US); **Bryant Jow**, San Francisco, CA (US); **Peter Ng**, San Francisco, CA (US)
- (73) Assignee: **Uber Technologies, Inc.**, San Francisco, CA (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/578,954**
- (22) Filed: **Sep. 26, 2016**
- (51) **LOC (11) Cl.** **14-04**
- (52) **U.S. Cl.** **D14/485**
- (58) **Field of Classification Search**
 USPC **D14/485-495**
 CPC **G01C 21/3664; G06F 3/0482; G06F 3/04817**
- See application file for complete search history.
- (56) **References Cited**
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Primary Examiner — Richelle G Shelton
 (74) Attorney, Agent, or Firm — Mahamedi IP Law LLP

(57) **CLAIM**
 The ornamental design of a computing device display screen with graphical user interface for providing geographic-based service information, as shown and described.

DESCRIPTION

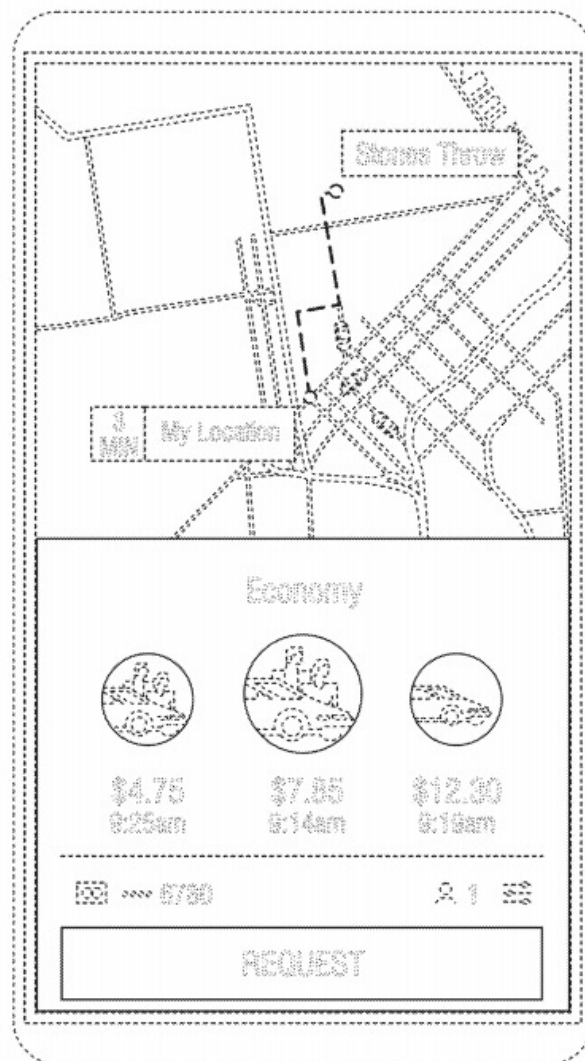
The FIGURE illustrates a computing device display screen with graphical user interface for providing geographic-based service information. The broken lines, which depict the computing device and a portion(s) or element(s) of a graphical user interface, are provided for the purpose of illustrating environment and/or context, and form no part of the claimed design.

1 Claim, 1 Drawing Sheet

U.S. Patent

Jan. 1, 2019

US D837,229 S



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

(10) Patent No.: **US D760,283 S**
(45) Date of Patent: **** Jun. 28, 2016**

(54) **COMPUTING DEVICE DISPLAY SCREEN
WITH GRAPHICAL USER INTERFACE**

(71) Applicant: **UBER TECHNOLOGIES, INC.**, San Francisco, CA (US)

(72) Inventors: **Carol Horiuchi**, Brisbane, CA (US);
Shalin Amin, San Francisco, CA (US)

(73) Assignee: **Uber Technologies, Inc.**, San Francisco, CA (US)

(**) Term: **14 Years**

(21) Appl. No.: **29/509,772**

(22) Filed: **Nov. 20, 2014**

(51) **LOC (10) CL** **14-04**

(52) **U.S. CL** **D14/489**
USPC

(58) **Field of Classification Search** **D14/489**

USPC D14/485-495

CPC ... G06F 3/048; G06F 3/0481; G06F 3/04812;
G06F 3/04815; G06F 3/04817; G06F 3/0482;
G06F 3/0483; G06F 3/0484; G06F 3/04842;
G06F 3/04845; G06F 3/04847; G06F 3/0485;
G06F 3/04855; G06F 3/0486; G06F 3/0487;
G06F 3/0488; G06F 3/04883; G06F 3/04886

See application file for complete search history.

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Assistant Examiner — Bao-Yen Nguyen

(74) *Attorney, Agent, or Firm* — Mahamedi Paradise LLP

(57) **CLAIM**

The ornamental design for a computing device display screen with graphical user interface, as shown and described.

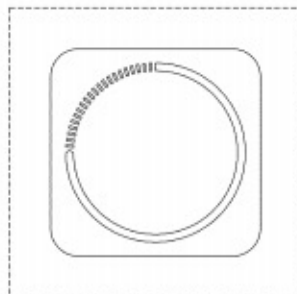
DESCRIPTION

FIG. 1 is an enlarged front view of a computing device display screen with graphical user interface, under a first embodiment; and,

FIG. 2 is a front view of a computing device display screen with graphical user interface, under a second embodiment.

The broken lines showing a portion of a computer device display screen in FIGS. 1 and 2 represent environmental subject matter that forms no part of the claimed design.

1 Claim, 2 Drawing Sheets



U.S. Patent

Jun. 28, 2016

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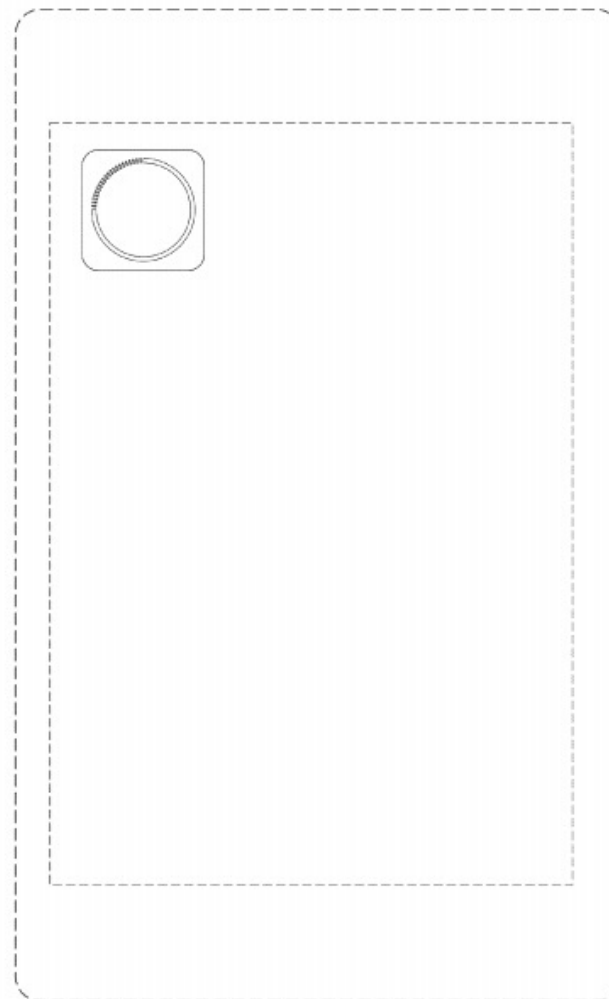


FIG. 2

(12) **United States Design Patent** (10) **Patent No.:** **US D724,620 S**
Hansen et al. (45) **Date of Patent:** **Mar. 17, 2015**

(54) **COMPUTING DEVICE DISPLAY SCREEN WITH GRAPHICAL USER INTERFACE**
 (71) Applicant: **Uber Technologies, Inc.**, San Francisco, CA (US)
 (72) Inventors: **Richard Gary Hansen**, San Francisco, CA (US); **Travis Cordell Kalanick**, San Francisco, CA (US)
 (73) Assignee: **Uber Technologies, Inc.**, San Francisco, CA (US)
 (**) Term: **14 Years**
 (21) Appl. No.: **29/436,687**
 (22) Filed: **Nov. 8, 2012**
 (51) **LOC (10) CL** **14-04**
 (52) **U.S. CL** **D14/489**
 (58) **Field of Classification Search**
 USPC D14/485-495; D5/63; D19/5-8; D20/11; 345/440-442; 348/14.03; 715/212, 215, 221, 706, 733, 763, 770, 715/773, 777, 779, 782, 783, 786, 792, 793, 715/809, 810, 846, 849, 867, 977, 976, 835, 715/211
 See application file for complete search history.

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Primary Examiner — Karen S Acker

(74) Attorney, Agent, or Firm — Mahamedi Paradise LLP

(57) CLAIM

The ornamental design for a computing device display screen with graphical user interface, as shown and described.

DESCRIPTION

FIG. 1 is an enlarged front view of a computing device display screen with graphical user interface, under a first embodiment; and, FIG. 2 is a front view of a computing device display screen with graphical user interface, under a second embodiment. The broken lines showing portions of a computing device display screen in FIGS. 1 and 2 represent environmental subject matter that forms no part of the claimed design. The broken line within the solid line perimeter of the design in FIG. 2 represents a portion of the computing device display screen with graphical user interface that forms no part of the claimed design.

1 Claim, 2 Drawing Sheets

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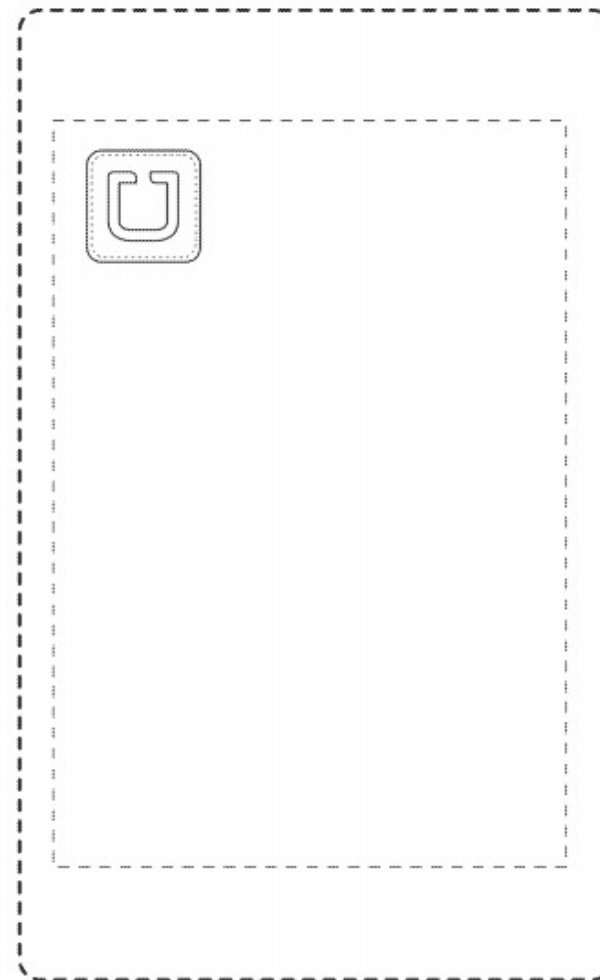
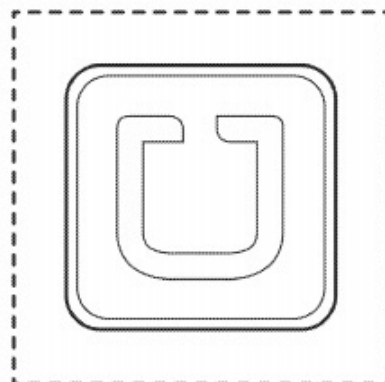


FIG. 2

THANK YOU!

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