

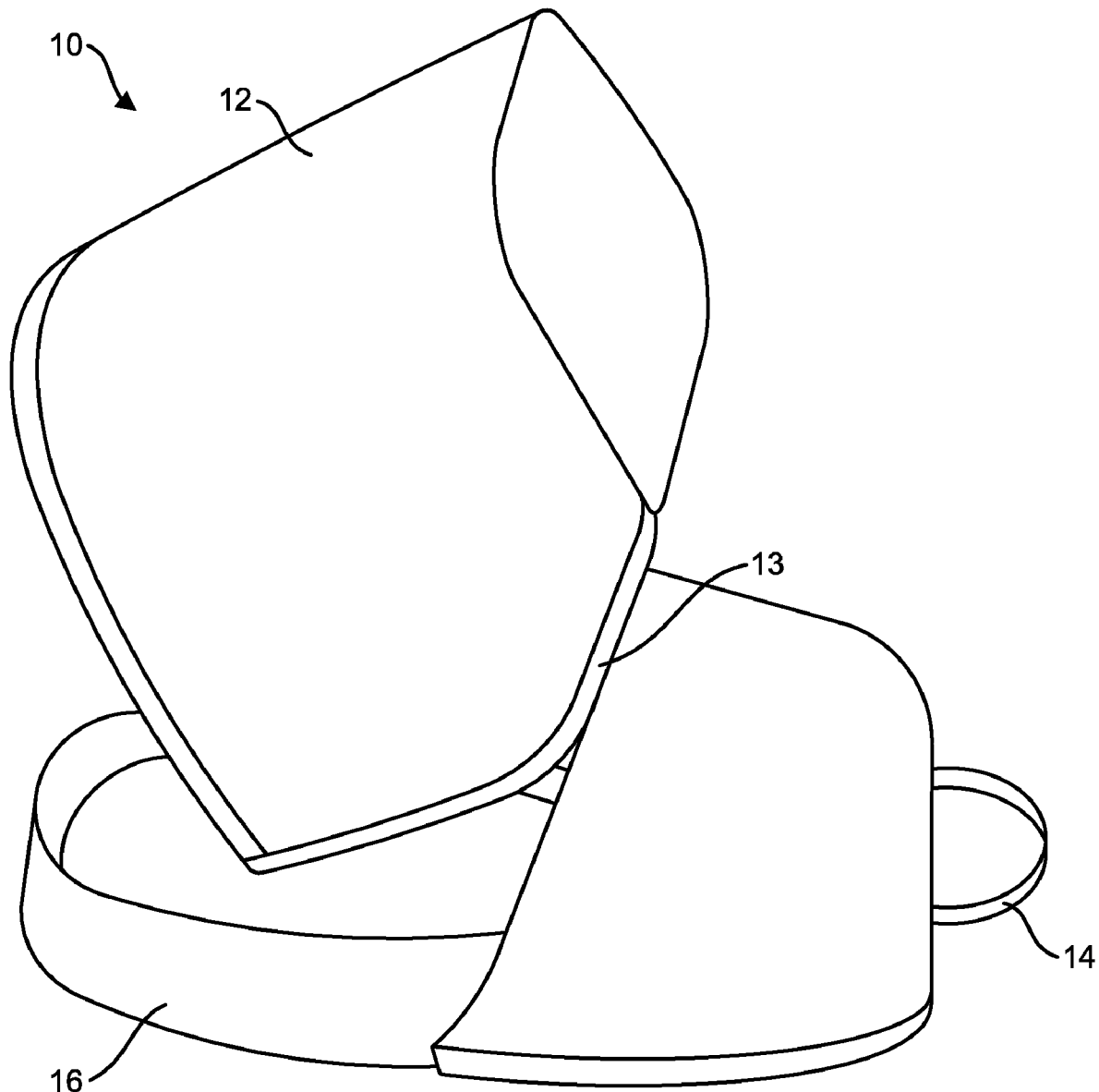


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(19) **United States**(12) **Patent Application Publication**
Gonzalez(10) **Pub. No.: US 2021/0009340 A1**(43) **Pub. Date: Jan. 14, 2021**(54) **MULTIFUNCTIONAL SHOE ACCESSORY**(71) Applicant: **Richard Gonzalez**, Brooklyn, NY (US)(72) Inventor: **Richard Gonzalez**, Brooklyn, NY (US)(21) Appl. No.: **16/505,240**(22) Filed: **Jul. 8, 2019****Publication Classification**(51) **Int. Cl.**
B65D 85/18 (2006.01)(52) **U.S. Cl.**
CPC **B65D 85/187** (2013.01)(57) **ABSTRACT**

A multifunctional shoe accessory device including a body having a top cover member, a bottom casing member and a

handle member. The top cover member is selectively opened and closed and includes one or more hinges for fixedly attaching one end of the top cover to the body. The bottom casing member includes an area for placement of one or more shoes. The body includes an enclosure which is formed when the top cover member is closed and is thereby attachably connected to the bottom casing member. The enclosure provides a storage container for the one or more shoes. The body includes a handle member for transporting the enclosure and includes at least one arm member which is located inside the enclosure. The at least one arm member is positioned to a fully extended position so as to prop the top cover member open to display the one or more shoes stored therein. The at least one arm member is positioned to a collapsed position thereby closing the top cover member so as to provide a storage and transporting container for the one or more shoes.



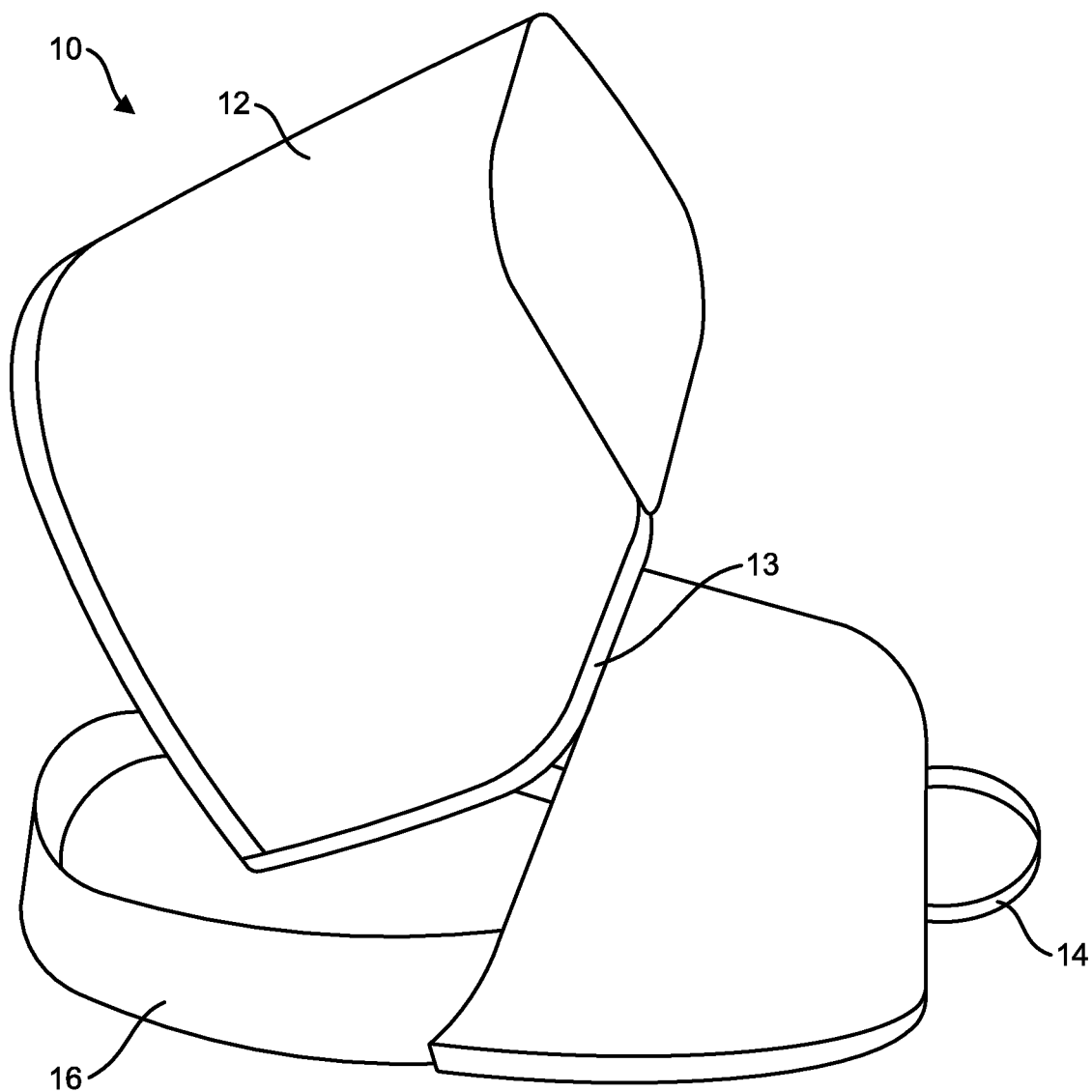


FIG. 1

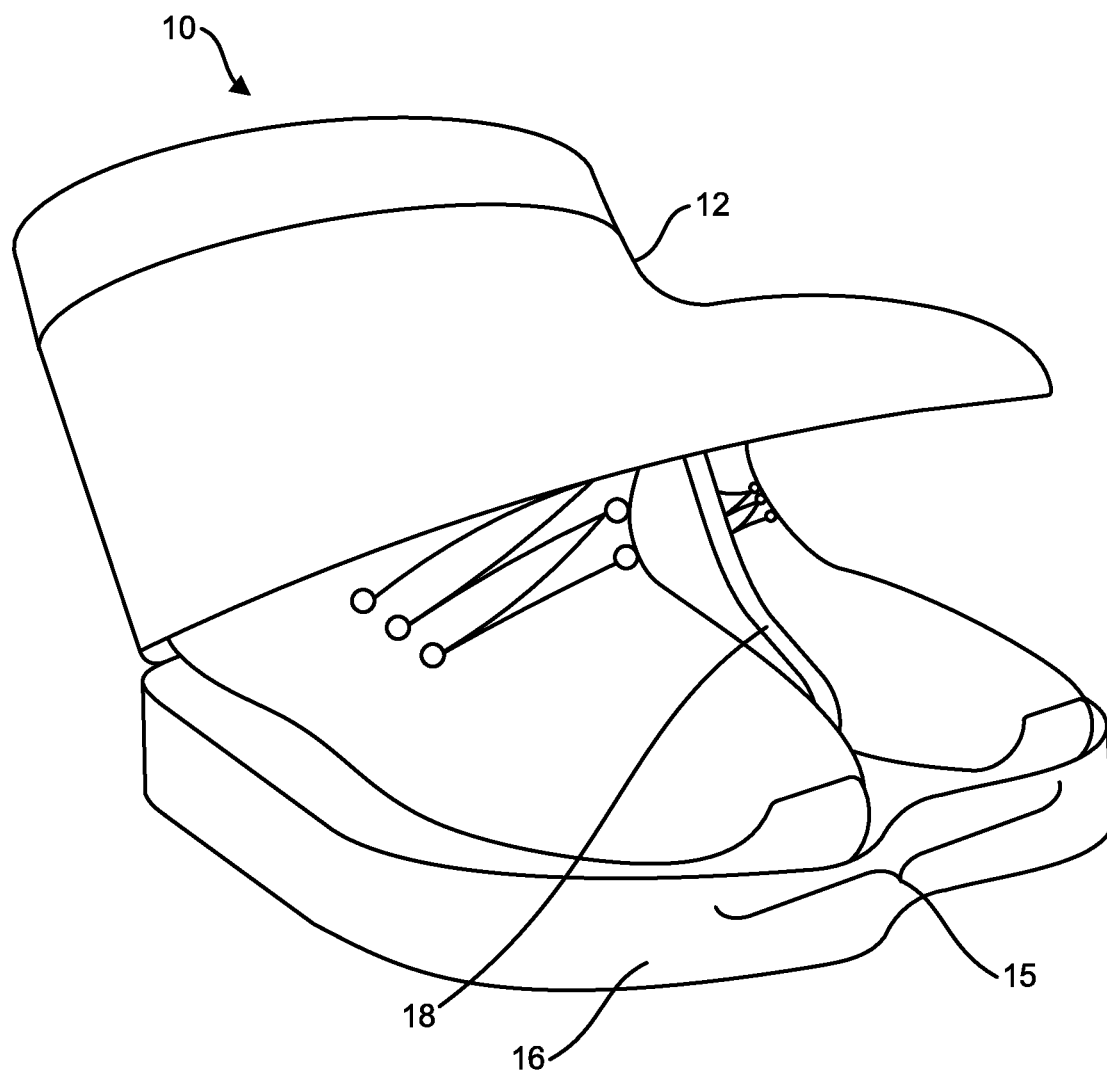


FIG. 2A

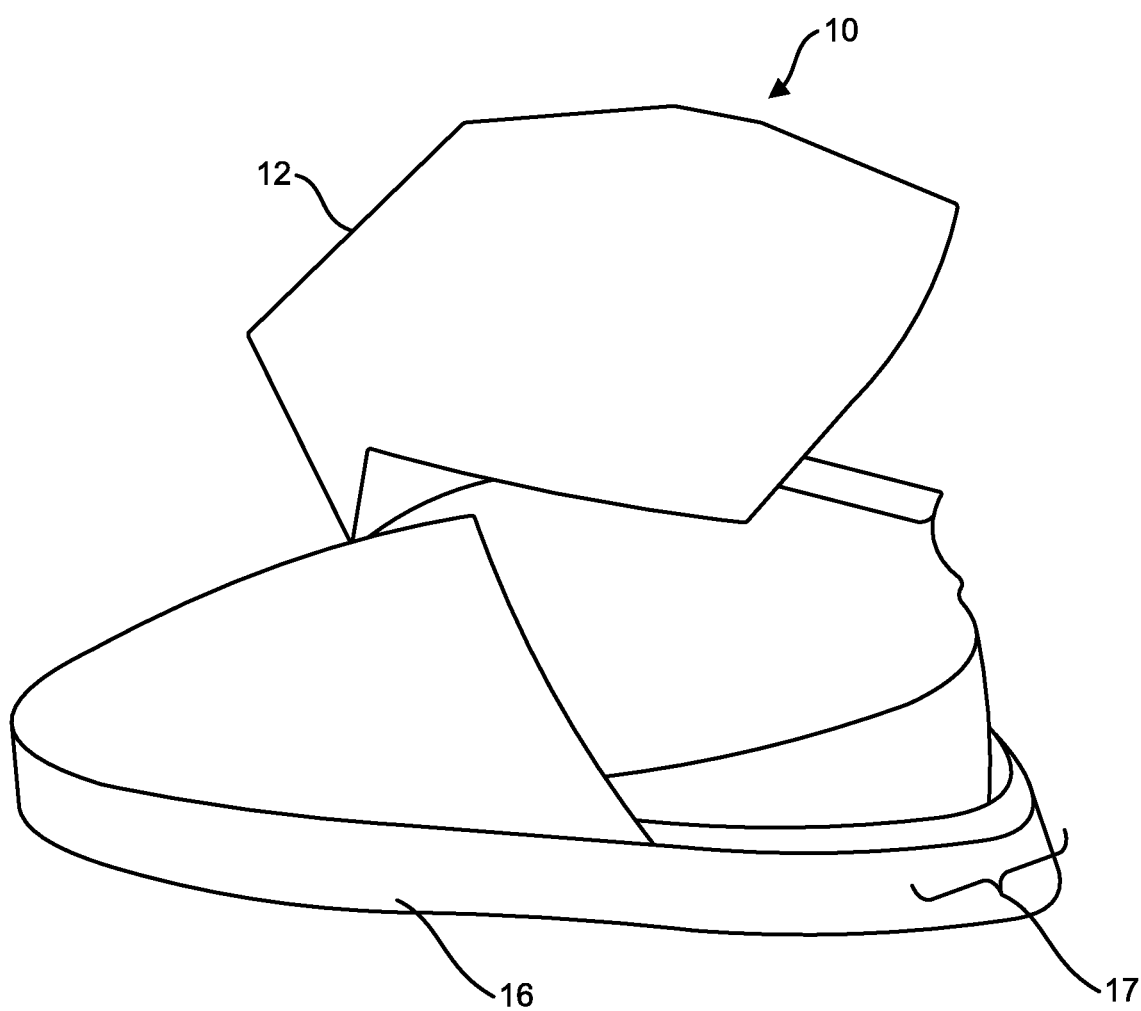


FIG. 2B

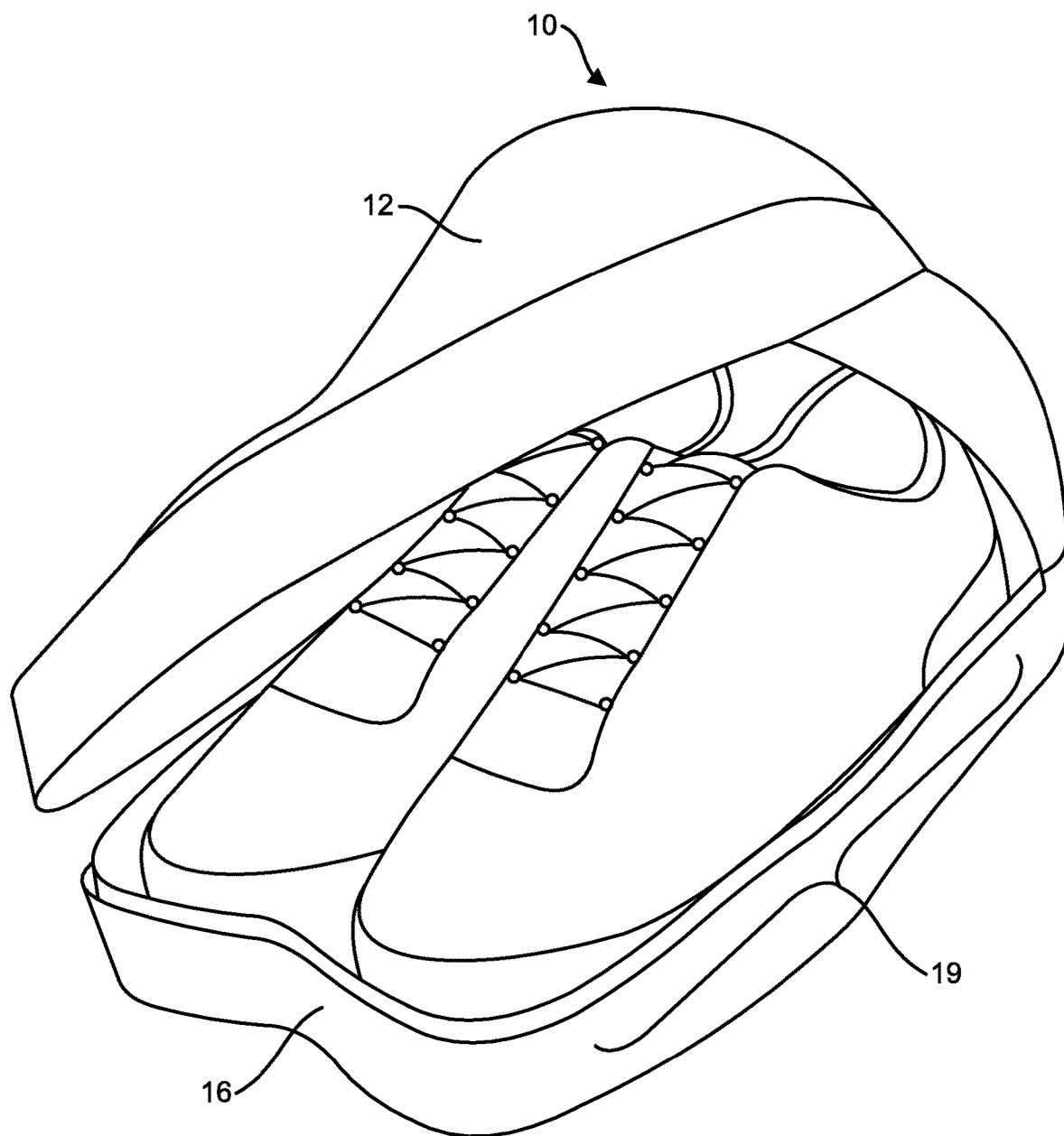


FIG. 2C

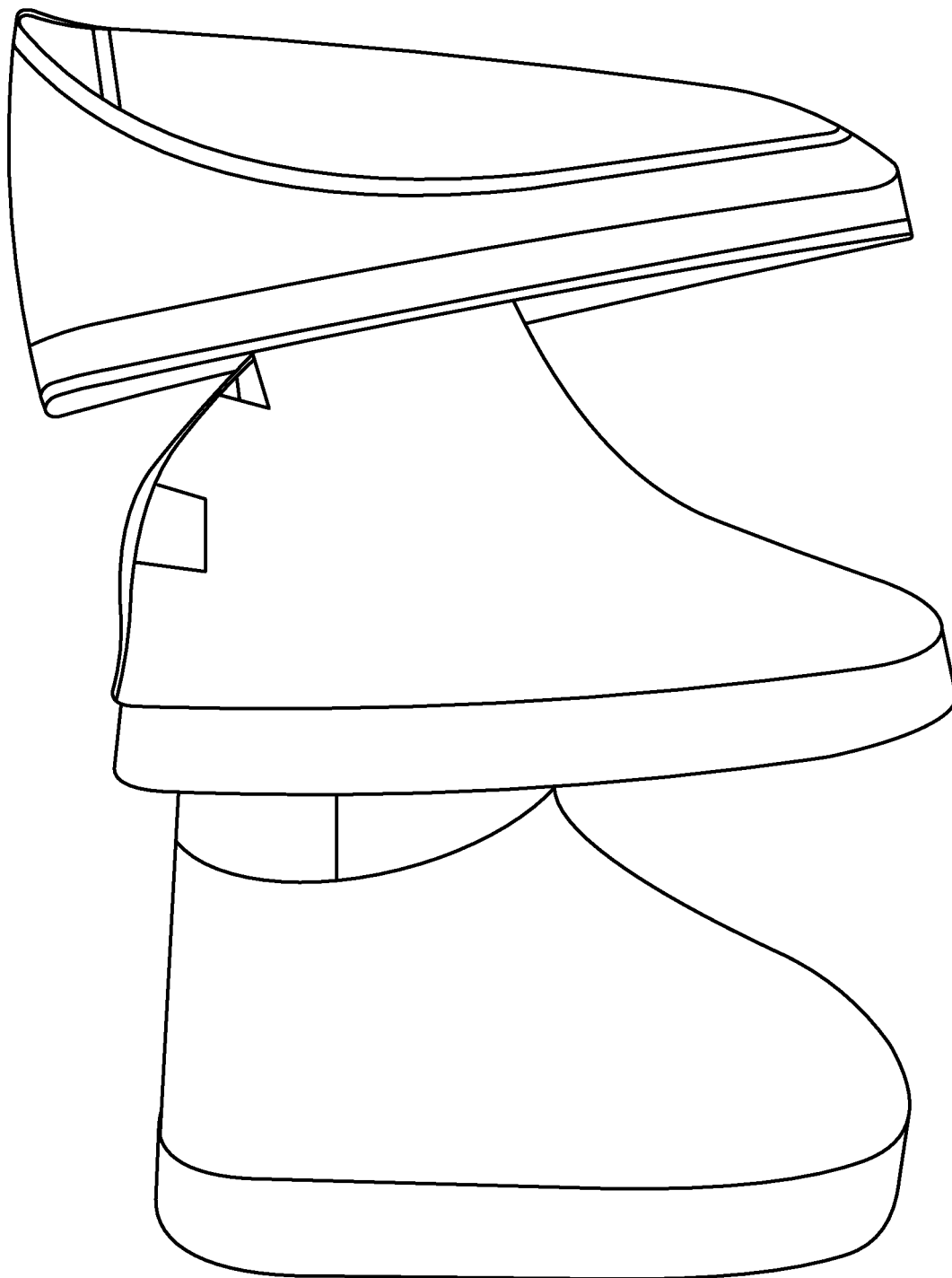


FIG. 3

MULTIFUNCTIONAL SHOE ACCESSORY

FIELD OF THE INVENTION

[0001] Embodiments described herein generally relate to a shoe accessory, and more particularly to a multifunctional shoe accessory.

BACKGROUND OF THE INVENTION

[0002] Traditionally if an individual wants to put their shoes away, they would have to store them in a clunky box or put them away without a covering. This can be problematic for someone who is traveling or wants to put their shoes on display. Hence, it is desirable to provide users with a shoe case that is multifaceted for their convenience.

BRIEF DESCRIPTION OF THE DRAWINGS

[0003] The various advantages of the embodiments of the present disclosure will become apparent to one skilled in the art by reading the following specification and appended claims, and by referencing the following drawing(s), in which:

[0004] FIG. 1 shows an exemplary view of a multifunctional shoe accessory device according to an embodiment of the present disclosure.

[0005] FIGS. 2A-2C show a top cover member of the multifunctional shoe accessory device opened from a front region, a rear region and a side region of the device respectively according to an embodiment of the present disclosure.

[0006] FIG. 3 shows an exemplary shoe display stand including a plurality of multifunctional shoe accessory devices according to another embodiment of the present disclosure

SUMMARY OF THE INVENTION

[0007] Exemplary embodiments disclosed herein describe a multifunctional shoe accessory device. The device includes a body having a top cover member, a bottom casing member and a handle member. The top cover member is selectively opened and closed and includes one or more hinges for fixedly attaching one end of the top cover to the body. The bottom casing member includes an area for placement of one or more shoes. The body includes an enclosure which is formed when the top cover member is closed and is thereby attachably connected to the bottom casing member. The enclosure provides a storage container for the one or more shoes. The body includes a handle member for transporting the enclosure and includes at least one arm member which is located inside the enclosure. The at least one arm member is positioned to a fully extended position so as to prop the top cover member open to display the one or more shoes stored therein. The at least one arm member is positioned to a collapsed position thereby closing the top cover member so as to provide a storage and transporting container for the one or more shoes.

[0008] In some exemplary embodiments, the body includes a housing shell having an appearance of a pair of conjoined shoes positioned side-by-side.

[0009] In some exemplary embodiments, the top cover member opens by raising up an unhinged end of the top cover member away from a rear region of the body.

[0010] In some exemplary embodiments, the top cover member opens by raising up an unhinged end of the top cover member away from a side region of the body.

[0011] In some exemplary embodiments, the top cover member opens by raising up an unhinged side of the top cover member away from a front region of the body.

[0012] In some exemplary embodiments, the at least one arm member is a prop stick.

[0013] In some exemplary embodiments, the at least one arm member is a bendable mechanical structure.

[0014] In some exemplary embodiments, the handle member converts to a retractable strap.

[0015] In some exemplary embodiments, the body further includes Bluetooth technology.

[0016] In some exemplary embodiments, the body further includes wireless speakers.

[0017] In some exemplary embodiments, the body further includes LED lights.

[0018] In some exemplary embodiments, the body further includes grips on the bottom surface of the body to prevent sliding of the shoe accessory.

[0019] In some exemplary embodiments, the external surface of the body includes ornamentation.

[0020] Another exemplary embodiment of the present disclosure describes an ornamental shoe display stand including a plurality of shoe accessories, wherein each shoe accessory is stacked on top of one another thereby forming a shoe display stand. Each shoe accessory includes a body having a top cover member, a bottom casing member and a handle member. The top cover member is selectively opened and closed and includes one or more hinges for fixedly attaching one end of the top cover to the body. The bottom casing member includes an area for placement of one or more shoes. The body includes an enclosure which is formed when the top cover member is closed and is thereby attachably connected to the bottom casing member. The enclosure provides a storage container for the one or more shoes. The body includes a handle member for transporting the enclosure and includes at least one arm member which is located inside the enclosure. The at least one arm member is positioned to a fully extended position so as to prop the top cover member open to display the one or more shoes stored therein. The at least one arm member is positioned to a collapsed position thereby closing the top cover member so as to provide a storage and transporting container for the one or more shoes.

DETAILED DESCRIPTION

[0021] The present disclosure relates to a multifunctional shoe accessory device ("the device"). The device provides users with a stylish container to place their shoes for travel, storage, and display. This case comes equipped with a handle and a cover that pops open from the top, sides or back for effortless usage. The device allows users to protect their shoe collection with a versatile shoe case.

[0022] As illustrated in FIGS. 1 and 2A-2C, the device includes a body 10 having a top cover member 12, a handle member 14, a bottom casing member 16 and an arm member 18. The top cover member and the bottom casing member are attachably connected forming a housing shell having an appearance of a pair of conjoined shoes positioned side-by-side, as depicted in FIG. 1. The bottom casing member includes an area for the placement of one or more shoes. The

handle member may be made from any suitable materials. In another embodiment, the handle member converts to a retractable strap.

[0023] The body 10 includes an enclosure which is formed when the top cover member 12 is closed and is thereby attachably connected to the bottom casing member 16. The enclosure provides a storage container for one or more shoes. The external surface of the housing shell may include ornamentation, such as, for example, sport themes. Moreover, the housing shell may be made of any suitable material, such as, for example, plastic.

[0024] The top cover member 12 may operate in a closed mode, which allows the shoe accessory to function as a storage container or a traveling container. When functioning as a traveling container, the handle member 14 allows the container to be transported. Alternatively, the top cover member may operate in an open mode, which allows the shoe accessory to operate as a display. Additionally, when the top cover member is in an open mode, one or more shoes may be inserted or removed from the placement area of the bottom casing member 16.

[0025] The top cover member 12 includes one or more hinges 13 for fixedly attaching one end of the top cover member to the body 10. The other end of the top cover member is not hinged and thereby allows the top cover member to selectively open and close any unhinged end or side of the top cover member.

[0026] The top cover member 12 may open by raising up the unhinged end of the top cover member away from a front region 15 of the body 10, as depicted in FIG. 2A. The top cover member may open by raising the unhinged end of the top cover away from the rear region 17 of the body 10, as depicted in FIG. 2B. Moreover, the top cover member may open by raising up the unhinged side of the top cover member away from a side region 19 of the body, as depicted in FIG. 2C. The top cover member 12 may also open by raising up the unhinged end and/or side of the top cover member away from a side region 19 of the body 10.

[0027] The body 10 includes at least one arm member 18, which is located inside the enclosure of the body, see FIG. 2A. The at least one arm member may be positioned to a fully extended position so as to prop the top cover member 12 open to display the one or more shoes stored therein. The at least one arm member may be positioned to a collapsed position thereby closing the top cover member 12. When the top cover member 12 is closed, the body 10 may provide a storage container for storing one or more shoes, a traveling container for transporting the one or more shoes, or both a storing container and a traveling container.

[0028] The at least one arm member 18 may be any suitable structure for holding open the top cover member 12 and releasing the top cover member from an open position, such as, for example, a prop stick or a bendable mechanical structure. Although the body 10 is shown with one arm member 18, any number of suitable arm members may be used.

[0029] In another exemplary embodiment, the body 10 includes Bluetooth technology, wireless speakers, one or more LED light and grips on the bottom surface of the body for preventing sliding of the shoe accessory.

[0030] In another exemplary embodiment, a plurality of multifunctional shoe accessory devices are stacked on top of one another forming a shoe display stand, as shown in FIG. 3. Each multifunctional shoe accessory device has the same

configuration and functionality as the device described above with respect to FIGS. 1, and 2A-2C.

[0031] It is understood that when an element is referred to as being “connected” or “coupled” to another element, it can be directly connected or coupled to the other element or intervening elements may be present. In contrast, when an element is referred to as being “directly connected” or “directly coupled” to another element, there are no intervening elements present. Other words used to describe the relationship between elements should be interpreted in a like fashion (e.g., “between” versus “directly between,” “adjacent” versus “directly adjacent,” etc.)

[0032] The terminology used herein is for the purpose of describing particular embodiments only and is not intended to be limiting of example embodiments. As used herein, the singular forms “a,” “an” and “the” are intended to include the plural forms as well, unless the context clearly indicates otherwise. It will be further understood that the terms “comprises,” “comprising,” “includes” and/or “including,” when used herein, specify the presence of stated features, integers, steps, operations, elements and/or components, but do not preclude the presence or addition of one or more other features, integers, steps, operations, elements, components and/or groups thereof.

[0033] Unless otherwise defined, all terms (including technical and scientific terms) used herein have the same meaning as commonly understood by one of ordinary skill in the art to which example embodiments belong. It will be further understood that terms, e.g., those defined in commonly used dictionaries, should be interpreted as having a meaning that is consistent with their meaning in the context of the relevant art. However, should the present disclosure give a specific meaning to a term deviating from a meaning commonly understood by one of ordinary skill, this meaning is to be taken into account in the specific context this definition is given herein.

[0034] Those skilled in the art will appreciate from the foregoing description that the broad techniques of the embodiments of the present invention may be implemented in a variety of forms. Therefore, while the embodiments of this invention have been described in connection with particular examples thereof, the true scope of the embodiments of the invention should not be so limited since other modifications will become apparent to the skilled practitioner upon a study of the drawings, specification, and following claims.

What is claimed is:

1. A multifunctional shoe accessory device comprising:
 - a body having a top cover member which selectively opens and closes, the top cover member including one or more hinges for fixedly attaching one end of the top cover member to the body, and having a bottom casing member which includes an area for placement of one or more shoes, the body including an enclosure which is formed when the top cover member is closed and is thereby attachably connected to the bottom casing member, the enclosure providing a storage container for the one or more shoes, the body including a handle member for transporting the enclosure, the body including at least one arm member which is located inside the enclosure, the at least one arm member is positioned to a fully extended position so as to prop the top cover member open to display the one or more shoes stored therein and wherein the at least one arm

member is positioned to a collapsed position thereby closing the top cover member so as to provide a storage and transporting container for the one or more shoes.

2. The device of claim 1, wherein the body includes a housing shell having an appearance of a pair of conjoined shoes positioned side-by-side.

3. The device of claim 1, wherein the top cover member opens by raising up an unhinged end of the top cover member away from a rear region of the body.

4. The device of claim 1, wherein the top cover member opens by raising up an unhinged end of the top cover member away from a side region of the body.

5. The device of claim 1, wherein the top cover member opens by raising up an unhinged side of the top cover member away from a front region of the body.

6. The device of claim 1, wherein the at least one arm member is a prop stick.

7. The device of claim 1, wherein the at least one arm member is a bendable mechanical structure.

8. The device of claim 1, wherein the handle member converts to a retractable strap.

9. The device of claim 1, wherein the body further includes Bluetooth technology.

10. The device of claim 1, wherein the body further includes wireless speakers.

11. The device of claim 1, wherein the body further includes LED lights.

12. The device of claim 1, wherein the body further includes grips on the bottom surface of the body to prevent sliding of the shoe accessory.

13. The device of claim 1, wherein the external surface of the body includes ornamentation.

14. An ornamental shoe display stand comprising:

a plurality of shoe accessories, wherein each shoe accessory is stacked on top of one another thereby forming a shoe display stand, wherein each shoe accessory includes:

a body having a top cover member which selectively opens and closes, the top cover member including one or more hinges for fixedly attaching one end of the top cover member to the body, and having a bottom casing member which includes an area for placement of one or more shoes, the body including an enclosure which is formed when the top cover member is closed and is thereby attachably connected to the bottom casing member, the enclosure providing a storage container for the one or more shoes, the body including a handle member for transporting the enclosure, the body including at least one arm member which is located inside the enclosure, the at least one arm member is positioned to a fully extended position so as to prop the top cover member open to display the one or more shoes stored therein and wherein the at least one arm member is positioned to a collapsed position thereby closing the top cover member so as to provide a storage and transporting container for the one or more shoes.

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