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(54) **ADJUSTABLE MECHANIC APPARATUS**

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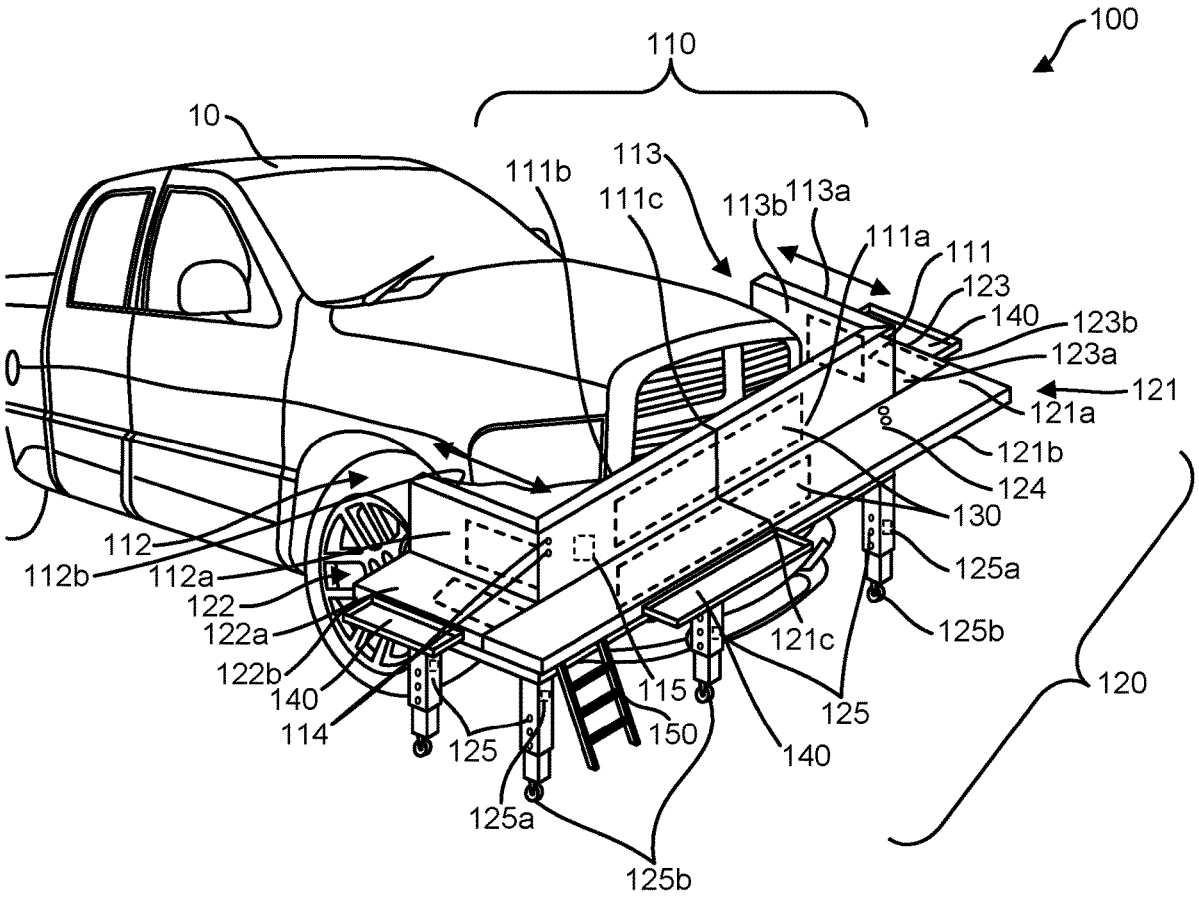
(57) **ABSTRACT**

An adjustable mechanic apparatus to facilitate elevated access to a vehicle, including a bottom frame portion to allow a user to stand thereupon, the bottom portion including a bottom central planar surface to be disposed near a front portion or a rear portion of the vehicle, the bottom central planar surface having a length that is longer than a width of the vehicle, and such that the bottom central planar surface is disposed substantially perpendicularly with respect to a length of the vehicle, a first bottom planar support surface disposed perpendicularly away from a first end of the bottom central planar surface with respect to a first lateral direction, a second bottom planar support surface disposed perpendicularly away from a second end of the bottom central planar surface with respect to the first lateral direction, and a plurality of adjustable legs removably connected to at least a portion of at least one of a bottom portion of the bottom central planar surface, a bottom portion of the first bottom planar support surface, and a bottom portion of the second bottom planar support frame to allow the bottom surface portion to be elevated above a ground surface, and a top frame portion to extend perpendicularly away from a top surface of the bottom frame portion in a second direction to create a wall-like structure that prevents the user from falling onto the vehicle.



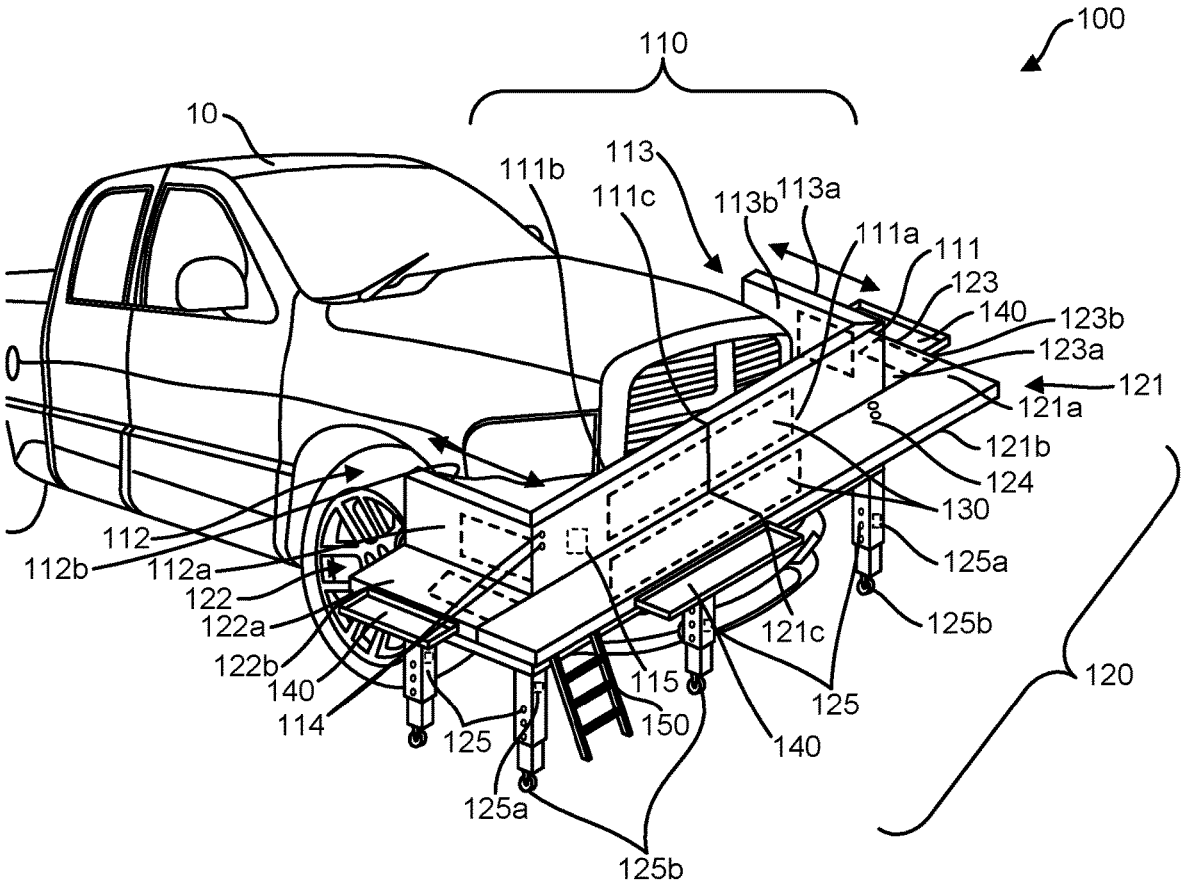

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FIG. 1

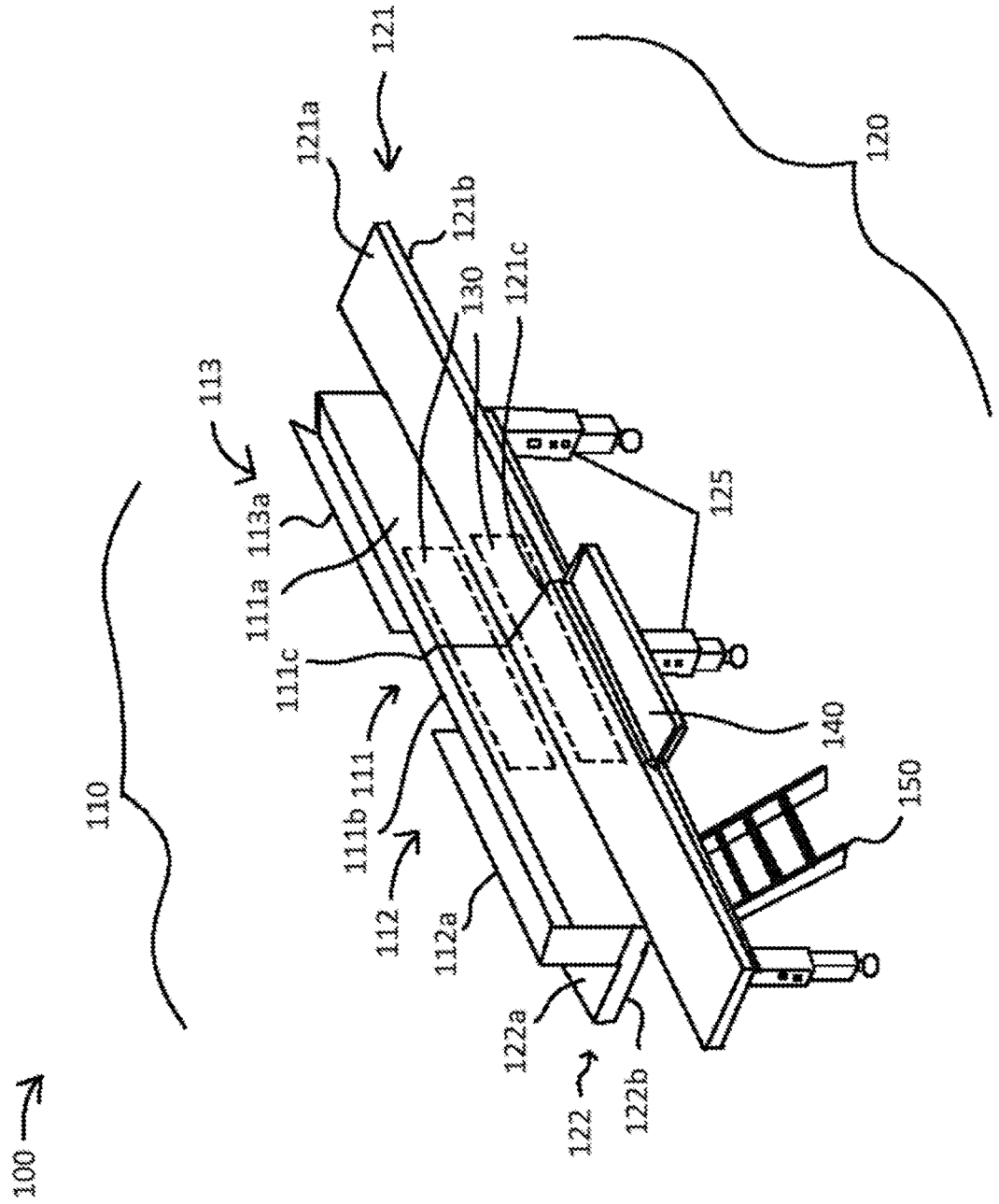
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FIG. 2

ADJUSTABLE MECHANIC APPARATUS

BACKGROUND

1. Field

[0001] The present general inventive concept relates generally to an apparatus, and particularly, to an adjustable mechanic apparatus.

2. Description of the Related Art

[0002] For some vehicles, an engine may be difficult to access for a vehicle mechanic and/or a vehicle enthusiast. For example, a truck or a sport utility vehicle ("SUV") may be elevated a distance above a ground surface that makes it difficult to reach the engine of a vehicle.

[0003] Moreover, the car mechanic and/or the car enthusiast risk receiving injuries while leaning over the engine. Tools may be placed on the ground and/or on a nearby surface, which can make working on the engine of the vehicle tedious. Additionally, a bumper of the vehicle can be damaged if the car mechanic and/or the car enthusiast steps on the bumper and/or drops the automotive tools on the bumper.

[0004] Therefore, there is a need for an adjustable mechanic apparatus that facilitates access to the engine of the vehicle.

SUMMARY

[0005] The present general inventive concept provides an adjustable mechanic apparatus.

[0006] Additional features and utilities of the present general inventive concept will be set forth in part in the description which follows and, in part, will be obvious from the description, or may be learned by practice of the general inventive concept.

[0007] The foregoing and/or other features and utilities of the present general inventive concept may be achieved by providing an adjustable mechanic apparatus to facilitate elevated access to a vehicle, including a bottom frame portion to allow a user to stand thereupon, the bottom portion including a bottom central planar surface to be disposed near a front portion or a rear portion of the vehicle, the bottom central planar surface having a length that is longer than a width of the vehicle, and such that the bottom central planar surface is disposed substantially perpendicularly with respect to a length of the vehicle, a first bottom planar support surface disposed perpendicularly away from a first end of the bottom central planar surface with respect to a first lateral direction, a second bottom planar support surface disposed perpendicularly away from a second end of the bottom central planar surface with respect to the first lateral direction, and a plurality of adjustable legs removably connected to at least a portion of at least one of a bottom portion of the bottom central planar surface, a bottom portion of the first bottom planar support surface, and a bottom portion of the second bottom planar support frame to allow the bottom surface portion to be elevated above a ground surface, and a top frame portion to extend perpendicularly away from a top surface of the bottom frame portion in a second direction to create a wall-like structure that prevents the user from falling onto the vehicle.

[0008] The bottom central planar surface may include a slit transversely disposed at a center of the bottom central planar surface, a first portion disposed on a first side of the slit, and a second portion disposed on a second side of the slit.

[0009] At least one of the first portion and the second portion may move from retracted at the slit in a first lateral position to at least partially extended away from the slit in a second lateral position.

[0010] The top frame portion may include an adjustable width motor disposed within at least a portion of the top frame portion to adjust a length of the bottom portion or a length of the top portion, such that at least a portion of the bottom portion or at least a portion of the top portion move in response to a rotation of the adjustable width motor.

[0011] At least one of the first bottom planar support surface and the second bottom planar support surface, may move from folded toward the bottom central planar surface in a first pivoting position to at least partially opened in a second pivoting position.

[0012] At least one of the first bottom planar support surface may move from retracted at the first end of the bottom central planar surface to at least partially extended away from the first end of the bottom central planar surface, and the second bottom planar support surface moves from retracted at the second end of the bottom central planar surface to at least partially extended away from the second end of the bottom central planar surface.

[0013] Each of the plurality of adjustable legs may move from at least partially retracted in a first vertical position to at least partially extended in a second vertical position.

[0014] Each of the plurality of adjustable legs may include an adjustable leg height motor disposed within at least a portion of each of the plurality of adjustable legs to adjust a height thereof, such that each of the plurality of adjustable legs moves in response to a rotation of the adjustable leg height motor.

[0015] The top frame portion may be disposed along an edge of the bottom frame portion nearest to the vehicle.

[0016] The top frame portion may include a top central planar surface to be disposed near the front portion or the rear portion of the vehicle, the bottom central planar surface having a length that is longer than a width of the vehicle, and such that the bottom central planar surface is disposed substantially perpendicularly with respect to a length of the vehicle, a first top planar support surface disposed perpendicularly away from a first end of the top central planar surface with respect to the first lateral direction, and a second top planar support surface disposed perpendicularly away from a second end of the top central planar surface with respect to the first lateral direction.

[0017] The top central planar surface may include a slit transversely disposed at a center of the top central planar surface, a first portion disposed on a first side of the slit, and a second portion disposed on a second side of the slit.

[0018] At least one of the first portion and the second portion may move from retracted at the slit in a first lateral position to at least partially extended away from the slit in a second lateral position.

[0019] The first top planar support surface may simultaneously move in response to movement of the first bottom planar support surface, and the second top planar support surface simultaneously moves in response to movement of the second bottom planar support surface.

BRIEF DESCRIPTION OF THE DRAWINGS

[0020] These and/or other features and utilities of the present generally inventive concept will become apparent and more readily appreciated from the following description of the embodiments, taken in conjunction with the accompanying drawings of which:

[0021] FIG. **1** illustrates a top isometric view of an adjustable mechanic apparatus, according to an exemplary embodiment of the present general inventive concept.

DETAILED DESCRIPTION

[0022] Various example embodiments (a.k.a., exemplary embodiments) will now be described more fully with reference to the accompanying drawings in which some example embodiments are illustrated. In the figures, the thicknesses of lines, layers and/or regions may be exaggerated for clarity.

[0023] Accordingly, while example embodiments are capable of various modifications and alternative forms, embodiments thereof are shown by way of example in the figures and will herein be described in detail. It should be understood, however, that there is no intent to limit example embodiments to the particular forms disclosed, but on the contrary, example embodiments are to cover all modifications, equivalents, and alternatives falling within the scope of the disclosure. Like numbers refer to like/similar elements throughout the detailed description.

[0024] 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.).

[0025] 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.

[0026] 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.

LIST OF COMPONENTS

[0027] Adjustable Mechanic Apparatus **100**
[0028] Top Frame Portion **110**
[0029] Top Central Planar Surface **111**
[0030] First Surface **111***a*
[0031] Second Surface **111***b*
[0032] Slit **111***c*
[0033] First Top Planar Support Surface **112**
[0034] First Surface **112***a*
[0035] Second Surface **112***b*
[0036] Second Top Planar Support Surface **113**
[0037] First Surface **113***a*
[0038] Second Surface **113***b*
[0039] Plurality of Adjustable Width Buttons **114**
[0040] Adjustable Width Motor **115**
[0041] Bottom Frame Portion **120**
[0042] Bottom Central Planar Surface **121**
[0043] First Surface **121***a*
[0044] Second Surface **121***b*
[0045] Slit **121***c*
[0046] First Bottom Planar Support Surface **122**
[0047] First Surface **122***a*
[0048] Second Surface **122***b*
[0049] Second Bottom Planar Support Surface **123**
[0050] First Surface **123***a*
[0051] Second Surface **123***b*
[0052] Plurality of Adjustable Leg Height Buttons **124**
[0053] Plurality of Adjustable Legs **125**
[0054] Adjustable Leg Height Motor **125***a*
[0055] Wheel **125***b*
[0056] Plurality of Adjustable Beams **130**
[0057] At Least One Tool Tray **140**
[0058] Ladder **150**

[0059] FIG. **1** illustrates a top isometric view of an adjustable mechanic apparatus **100**, according to an exemplary embodiment of the present general inventive concept.

[0060] The adjustable mechanic apparatus **100** may be constructed from at least one of metal, plastic, wood, glass, and rubber, etc., but is not limited thereto.

[0061] The adjustable mechanic apparatus **100** may include a top frame portion **110**, a bottom frame portion **120**, a plurality of adjustable beams **130**, at least one tool tray **140**, and a ladder **150**, but is not limited thereto.

[0062] The top frame portion **110** may include a top central planar surface **111**, a first top planar support surface **112**, a second top planar support surface **113**, a plurality of adjustable width buttons **114**, and an adjustable width motor **115**, but is not limited thereto.

[0063] The top central planar surface **111** may include a first surface **111***a*, a second surface **111***b*, and a slit **111***c*, but is not limited thereto.

[0064] The first top planar support surface **112** may include a first surface **112***a* and a second surface **112***b*, but is not limited thereto.

[0065] The second top planar support surface **113** may include a first surface **113***a* and a second surface **113***b*, but is not limited thereto.

[0066] The top central planar surface **111** may be of any predetermined length to extend a length greater than a width of a vehicle **10**. The first top planar support surface **112** may be perpendicularly disposed at a first end of the top central planar surface **111**. The second top planar support surface **113** may be perpendicularly disposed at a second end of the top central planar surface **111**. Additionally, a length of the

first top planar support surface **112** may be equivalent to a length of the second top planar support surface **113**, such that the first top planar support surface **112** and the second top planar support surface **113** may extend a length along each side of the vehicle **10**. As such, the first top planar support surface **112** and the second top planar support surface **113** may surround at least a portion of each side of the vehicle **10**.

[0067] The first surface **111***a* and the second surface **111***b* of the top central planar surface **111** may have a padding material disposed on at least a portion thereof. The padding material may include a foam or a gel, but is not limited thereto. The padding material may reduce a force and/or an object that contacts at least a portion of the top central planar surface **111**.

[0068] The first surface **112***a* and the second surface **112***b* of the first top planar support surface **112** may have the padding material disposed on at least a portion thereof. The padding material may reduce a force and/or an object that contacts at least a portion of the first top planar support surface **112**.

[0069] The first surface **113***a* and the second surface **113***b* of the second top planar support surface **113** may have the padding material disposed on at least a portion thereof. The padding material may reduce a force and/or an object that contacts at least a portion of the second top planar support surface **113**.

[0070] The bottom frame portion **120** may include a bottom central planar surface **121**, a first bottom planar support surface **122**, a second bottom planar support surface **123**, a plurality of adjustable leg height buttons **124**, and a plurality of adjustable legs **125**, but is not limited thereto.

[0071] The bottom central planar surface **121** may include a first surface **121***a*, a second surface **121***b*, and a slit **121***c*, but is not limited thereto.

[0072] The first bottom planar support surface **122** may include a first surface **122***a* and a second surface **122***b*, but is not limited thereto.

[0073] The second bottom planar support surface **123** may include a first surface **123***a* and a second surface **123***b*, but is not limited thereto.

[0074] The bottom central planar surface **121** may be of the predetermined length to extend a length greater than the width of the vehicle **10**. The first bottom planar support surface **122** may be perpendicularly disposed at a first end of the bottom central planar surface **121**. The second bottom planar support surface **123** may be perpendicularly disposed at a second end of the bottom central planar surface **121**. Additionally, a length of the first bottom planar support surface **122** may be equivalent to a length of the second bottom planar support surface **123**, such that the first bottom planar support surface **122** and the second bottom planar support surface **123** may surround at least a portion of each side of the vehicle **10**.

[0075] The bottom central planar surface **121**, the first bottom planar support surface **122**, and/or the second bottom planar support surface **123** may support at least a portion of a body of the user thereupon. Moreover, the bottom central planar surface **121**, the first bottom planar support surface **122**, and/or the second bottom planar support surface **123** may support any object placed thereupon.

[0076] The top frame portion **110** may extend perpendicularly away from a top surface of the bottom frame portion **120** in a second direction to create a wall-like structure that prevents the user from falling onto the vehicle **10**. As such, the first top planar support surface **112** may extend perpendicularly away from a top surface of the first bottom planar support surface **122** at an edge portion thereof. The second top planar support surface **113** may extend perpendicularly away from a top surface of the second bottom planar support surface **123** at an edge portion thereof.

[0077] The first surface **121***a* and the second surface **121***b* of the bottom central planar surface **121** may have the padding material disposed on at least a portion thereof. The padding material may reduce a force and/or an object that contacts at least a portion of the bottom central planar surface **121**.

[0078] The first surface **122***a* and the second surface **112***b* of the first bottom planar support surface **122** may have the padding material disposed on at least a portion thereof. The padding material may reduce a force and/or an object that contacts at least a portion of the first bottom planar support surface **122**.

[0079] The first surface **123***a* and the second surface **123***b* of the second bottom planar support surface **123** may have the padding material disposed on at least a portion thereof. The padding material may reduce a force and/or an object that contacts at least a portion of the second bottom planar support surface **123**.

[0080] Furthermore, the first top planar support surface **112** and the first bottom planar support surface **122** may pivot in a first pivoting direction or a second pivoting direction from a first pivoting position (i.e. folded) to a second pivoting position (i.e. opened), such that the first top planar support surface **112** and the first bottom planar support surface **122** may move at least partially away from the top central planar surface **111** and the bottom central planar surface **121**, respectively. Alternatively, the first top planar support surface **112** and the first bottom planar support surface **122** may pivot in the second pivoting direction or the first pivoting direction from the second pivoting position to the first pivoting position, such that the first top planar support surface **112** and the first bottom planar support surface **122** may move at least partially toward the top central planar surface **111** and the bottom central planar surface **121**, respectively.

[0081] Furthermore, the second top planar support surface **113** and the second bottom planar support surface **123** may pivot in the first pivoting direction or the second pivoting direction from the first pivoting position (i.e. folded) to the second pivoting position (i.e. opened), such that the second top planar support surface **113** and the second bottom planar support surface **123** may move at least partially away from the top central planar surface **111** and the bottom central planar surface **121**, respectively. Alternatively, the second top planar support surface **113** and the second bottom planar support surface **123** may pivot in the second pivoting direction or the first pivoting direction from the second pivoting position to the first pivoting position, such that the second top planar support surface **113** and the second bottom planar support surface **123** may move at least partially toward the top central planar surface **111** and the bottom central planar surface **121**, respectively.

[0082] Therefore, the first top planar support surface **112** and the first bottom planar support surface **122** may be folded to store the adjustable mechanic apparatus **100** and increase portability. Similarly, the second top planar support surface **113** and the second bottom planar support surface

123 may be folded to store the adjustable mechanic apparatus **100** and increase portability.

[0083] Each of the plurality of adjustable legs **125** may include an adjustable leg height motor **125***a* and a wheel **125***b*, but is not limited thereto. However, the wheel **125***b* may be removably connected to each of the plurality of adjustable legs **125**. As such, each of the plurality of legs **125** may resist movement of the adjustable mechanic apparatus **100** in response to removal of the wheel **125***b*.

[0084] Each of the plurality of adjustable legs **125** may be constructed to use a pneumatic cylinder and/or a hydraulic cylinder.

[0085] The plurality of adjustable legs **125** may be removably connected to at least a portion of the second surface **121***b* of the bottom central planar surface **121**, the second surface **122***b* of the first bottom planar support surface **122**, and/or the second surface **123***b* of the second bottom planar support surface **123**, but is not limited thereto. As such, removal of the plurality of adjustable legs **125** may increase portability of the adjustable mechanic apparatus **100**. Moreover, the plurality of adjustable legs **125** may support the bottom frame portion **120** and the top frame portion **110**.

[0086] At least one of the plurality of adjustable width buttons **114** may be depressed to adjust a length of at least one of the top central planar surface **111**, the first top planar support surface **112**, and the second top planar support surface **113**. Moreover, the bottom central planar surface **121**, the first bottom planar support surface **122**, and the second bottom planar support surface **123** may adjust in response to movement corresponding to each aforementioned respective vertical frame. In other words, the bottom central planar surface **121** may adjust in response to movement of the top central planar surface **111**, the first bottom planar support surface **122** may adjust in response to movement of the first top planar support surface **112**, and the second bottom planar support surface **123** may adjust in response to movement of the second top planar support surface **113**. Alternatively, the plurality of adjustable width buttons **114** may be depressed to adjust the length of at least one of the bottom central planar surface **121**, the first bottom planar support surface **122**, and the second bottom planar support surface **123**.

[0087] The slit **111***c* of the top central planar surface **111** may be transversely disposed at a center of the top central planar surface **111**.

[0088] Specifically, the adjustable width motor **115** may rotate in response to the at least one of the plurality of adjustable width buttons **114** being depressed. More specifically, a first portion of the top central planar surface **111** on a first side of the slit **111***c* may move in a first lateral direction or a second lateral direction from a first position (i.e. retracted) to a second position (i.e. extended), and a second portion of the top central planar surface **111** on a second side of the slit **111***c* may move in the second lateral direction or the first lateral direction, such that the first portion of the top central planar surface **111** on the first side of the slit **111***c* and the second portion of the top central planar surface **111** on the second side of the slit **111***c* move at least partially away from each other in response to the rotation of the adjustable width motor **115**. Alternatively, another at least one of the plurality of adjustable width buttons **114** may be depressed to at least partially move the first portion of the top central planar surface **111** on the first side of the slit **111***c* and the second portion of the top central planar surface **111** on the second side of the slit **111***c* toward each other in response to the rotation of the adjustable width motor **115**.

[0089] The slit **121***c* of the bottom central planar surface **121** may be transversely disposed at a center of the bottom central planar surface **121**.

[0090] A first portion of the bottom central planar surface **121** on a first side of the slit **121***c* and a second portion of the bottom central planar surface **121** on a second side of the slit **121***c* may move similarly to the top central planar surface **111**, as described above.

[0091] At least one of the plurality of adjustable beams **130** may be disposed within at least a portion of the top central planar surface **111**. Another at least one of the plurality of adjustable beams **130** may be disposed within at least a portion of the bottom central planar surface **121**. Moreover, each of the plurality of adjustable beams **130** may be at least partially exposed in response to movement of the top central planar surface **111** and the bottom central planar surface **121**. As such, the length of the top central planar surface **111** and the bottom central planar surface **121** may be extended.

[0092] The first top planar support surface **112** may move in a third lateral direction or a fourth lateral direction from a first side position (i.e. retracted) to a second side position (i.e. extended) at least partially away from the first end of the top central planar surface **111**. Alternatively, the first top planar support surface **112** may move in the fourth lateral direction or the third lateral direction from the second side position to the first side position at least partially toward the first end of the top central planar surface **111**.

[0093] The first bottom planar support surface **122** may move similarly to the first top planar support surface **112**, as described above.

[0094] The second top planar support surface **113** may move in the third lateral direction or the fourth lateral direction from the first side position to the second side position at least partially away from the second end of the top central planar surface **111**. Alternatively, the second top planar support surface **113** may move in the fourth lateral direction or the third lateral direction from the second side position to the first side position at least partially toward the second end of the top central planar surface **111**.

[0095] The second bottom planar support surface **123** may move similarly to the second top planar support surface **113**, as described above.

[0096] Also, another at least one of the plurality of adjustable beams **130** may be disposed within at least a portion of the first top planar support surface **112** and the second top planar support surface **113**. Also, another at least one of the plurality of adjustable beams **130** may be disposed within at least a portion of the first bottom planar support surface **122** and the second bottom planar support surface **123**. Moreover, each of the plurality of adjustable beams **130** may be at least partially exposed in response to movement of the first top planar support surface **112** and the first bottom planar support surface **122**. Also, each of the plurality of adjustable beams **130** may be at least partially exposed in response to movement of the second top planar support surface **113** and the second bottom planar support surface **123**. As such, the length of the first top planar support surface **112**, the first bottom planar support surface **122**, the second top planar support surface **113**, and the second bottom planar support surface **123** may be extended.

[0097] Furthermore, each wheel **125***b* of the plurality of adjustable legs **125** may roll in response to movement of the first top planar support surface **112**, the first bottom planar support surface **122**, the second top planar support surface **113**, and/or the second bottom planar support surface **123**. Each wheel **125***b* may include a locking mechanism, such as a brake and/or a clamp to prevent each wheel **125***b* from movement. Moreover, each wheel **125***b* may be constructed to be a caster, but is not limited thereto. As such, the user may lock each wheel of the plurality of adjustable legs **125** during use of the adjustable mechanic apparatus **100** to prevent movement thereof.

[0098] At least one of the plurality of leg height buttons **124** may be depressed to adjust a height of each of the plurality of adjustable legs **125**. Specifically, the adjustable leg height motor **125***a* may rotate in response to the at least one of the plurality of adjustable leg height buttons **124** being depressed. Each of the plurality of adjustable legs **125** may move in a first vertical direction or a second vertical direction from a first position (i.e. retracted) to a second position (i.e. extended) at least partially away from a ground surface in response to the rotation of the adjustable leg height motor **125***a*. Alternatively, another at least one of the plurality of adjustable leg height buttons **124** may be depressed, such that the plurality of adjustable legs **125** may move in the second vertical direction or the first vertical direction from the second position to the first position at least partially toward the ground surface in response to the rotation of the adjustable leg height motor **125***a*.

[0099] At least one tool tray **140** may be removably connected to at least a portion of the top frame portion **110** and/or the bottom frame portion **120**, but is not limited thereto. The at least one tool tray **140** may store an item therein. For example, the at least one tool tray **140** may store at least one tool therein to facilitate access to the at least one tool.

[0100] The ladder **150** may be removably connected to at least a portion of the bottom frame portion **120**. For example, at least a portion of a first end of the ladder **150** may be placed on the ground surface, such that the ladder **150** may stand thereupon. Also, at least a portion of a second end of the ladder **150** may be removably connected to at least a portion of the bottom frame portion **120**, such that the ladder **150** may lean against the bottom portion. As such, the ladder **150** may receive the user thereon.

[0101] Therefore, the adjustable mechanic apparatus **100** may facilitate elevated access to the vehicle **10**. Furthermore, the adjustable mechanic apparatus **100** may adjust in length to accommodate different sizes of vehicles. Additionally, the adjustable mechanic apparatus **100** may fold on at least a portion thereof to increase portability and improve storage by reducing required space.

[0102] Although a few embodiments of the present general inventive concept have been shown and described, it will be appreciated by those skilled in the art that changes may be made in these embodiments without departing from the principles and spirit of the general inventive concept, the scope of which is defined in the appended claims and their equivalents.

1. An adjustable mechanic apparatus to facilitate elevated access to a vehicle, comprising:

a bottom frame portion to allow a user to stand thereupon, the bottom portion comprising:

a bottom central planar surface,

a first bottom planar support surface disposed perpendicularly away from a first end of the bottom central planar surface with respect to a first lateral direction,

a second bottom planar support surface disposed perpendicularly away from a second end of the bottom central planar surface with respect to the first lateral direction, and

a plurality of adjustable legs removably connected to at least a portion of at least one of a bottom portion of the bottom central planar surface, a bottom portion of the first bottom planar support surface, and a bottom portion of the second bottom planar support frame to allow the bottom frame portion to be elevated above a ground surface, the plurality of adjustable legs comprising:

a first leg removably connected to a first side of a center of the bottom central planar surface,

a second leg removably connected to a second side of the center of the bottom central planar surface, and

a third leg removably connected to the second side of the center of the bottom central planar surface, such that a first distance from the first leg to the second leg is greater than a second distance from the second leg to the third leg, such that the first leg, the second leg, and the third leg have a space therebetween; and

a top frame portion to extend perpendicularly away from a top surface of the bottom frame portion in a second direction to create a wall that prevents the user from falling.

2. The adjustable mechanic apparatus of claim **1**, wherein the bottom central planar surface comprises:

a slit transversely disposed at a center of the bottom central planar surface;

a first portion disposed on a first side of the slit; and

a second portion disposed on a second side of the slit.

3. The adjustable mechanic apparatus of claim **2**, wherein at least one of the first portion and the second portion, move from retracted at the slit in a first lateral position to at least partially extended away from the slit in a second lateral position.

4. The adjustable mechanic apparatus of claim **3**, wherein the top frame portion comprises:

an adjustable width motor disposed within at least a portion of the top frame portion to adjust a length of the bottom portion or a length of the top portion, such that at least a portion of the bottom portion or at least a portion of the top portion move in response to a rotation of the adjustable width motor.

5. The adjustable mechanic apparatus of claim **1**, wherein at least one of the first bottom planar support surface and the second bottom planar support surface, move from folded toward the bottom central planar surface in a first pivoting position to at least partially opened in a second pivoting position.

6. The adjustable mechanic apparatus of claim **1**, wherein at least one of the first bottom planar support surface moves from retracted at the first end of the bottom central planar surface to at least partially extended away from the first end of the bottom central planar surface, and the second bottom

planar support surface moves from retracted at the second end of the bottom central planar surface to at least partially extended away from the second end of the bottom central planar surface.

7. The adjustable mechanic apparatus of claim **1**, wherein each of the plurality of adjustable legs moves from at least partially retracted in a first vertical position to at least partially extended in a second vertical position.

8. The adjustable mechanic apparatus of claim **7**, wherein each of the plurality of adjustable legs comprises:

an adjustable leg height motor disposed within at least a portion of each of the plurality of adjustable legs to adjust a height thereof, such that each of the plurality of adjustable legs moves in response to a rotation of the adjustable leg height motor.

9. The adjustable mechanic apparatus of claim **1**, wherein the top frame portion is disposed along an edge of the bottom frame portion.

10. The adjustable mechanic apparatus of claim **1**, wherein the top frame portion comprises:

a top central planar surface;

a first top planar support surface disposed perpendicularly away from a first end of the top central planar surface with respect to the first lateral direction; and

a second top planar support surface disposed perpendicularly away from a second end of the top central planar surface with respect to the first lateral direction.

11. The adjustable mechanic apparatus of claim **10**, wherein the top central planar surface comprises:

a slit transversely disposed at a center of the top central planar surface;

a first portion disposed on a first side of the slit; and

a second portion disposed on a second side of the slit.

12. The adjustable mechanic apparatus of claim **11**, wherein at least one of the first portion and the second portion, move from retracted at the slit in a first lateral position to at least partially extended away from the slit in a second lateral position.

13. The adjustable mechanic apparatus of claim **10**, wherein the first top planar support surface simultaneously moves in response to movement of the first bottom planar support surface, and the second top planar support surface simultaneously moves in response to movement of the second bottom planar support surface.

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