United States Patent [19]

Bruno

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[54] **LUGGAGE ROLLERS**

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[52] **U.S. Cl.** ..... **280/47.13 R,** 190/18 A, 280/35

[51] **Int. Cl.** **A45c 13/38,** B62b 3/04

[58] **Field of Search** ..... 280/35, 47.13 R, 280/79.2, 179 A; 190/18 A

[56] **References Cited**

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[57] **ABSTRACT**

A pair of units attachable around a luggage so to permit the luggage to travel along a floor or other surface such as a sidewalk and which eliminates the tiring task of carrying the luggage particularly when heavy, the units each consisting of a pair of roller casters on the underside of a block placable against the underside of the suitcase, the block being secured to the suitcase by straps extended up and around the suitcase and secured together by buckles.

2 Claims, 3 Drawing Figures

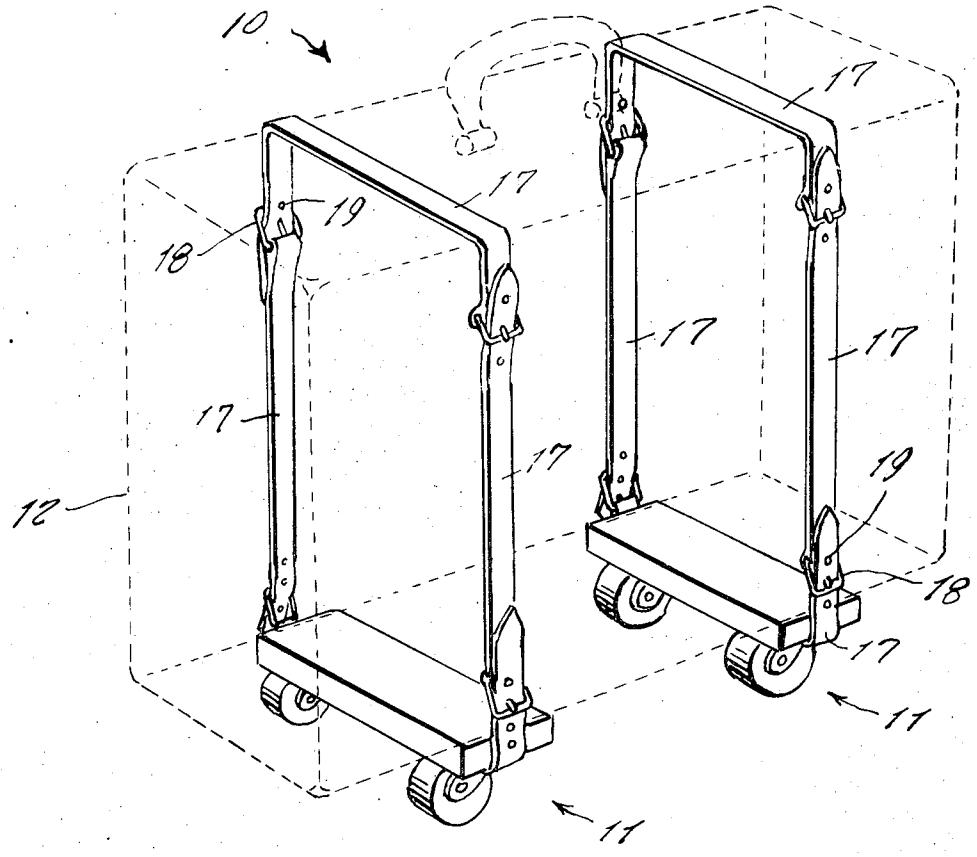


Fig. 1

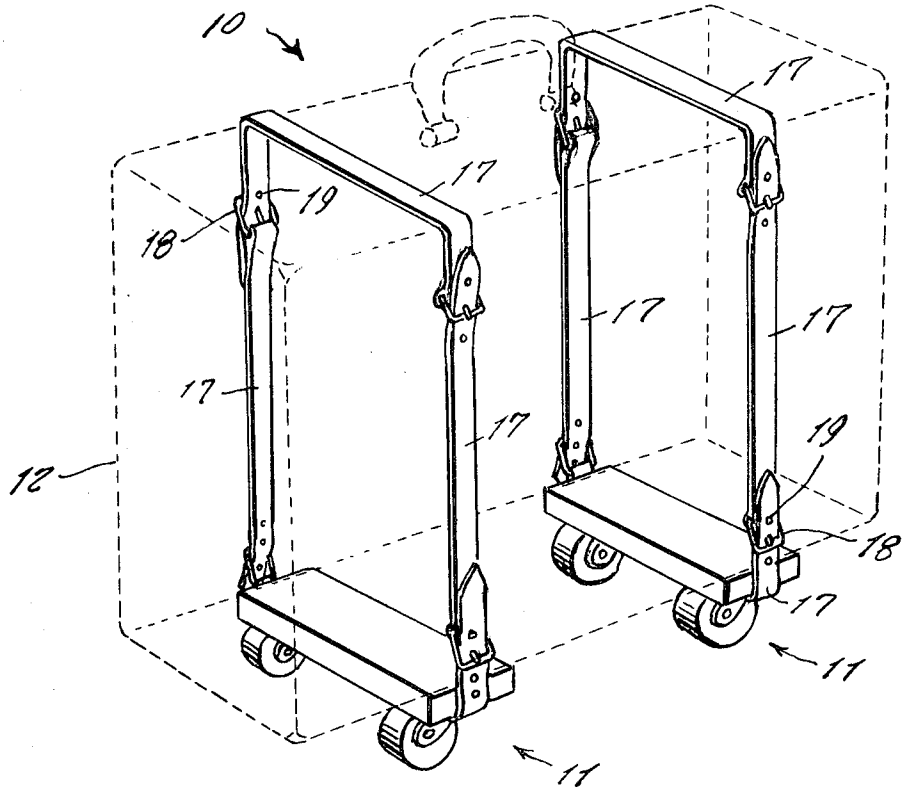


Fig. 2

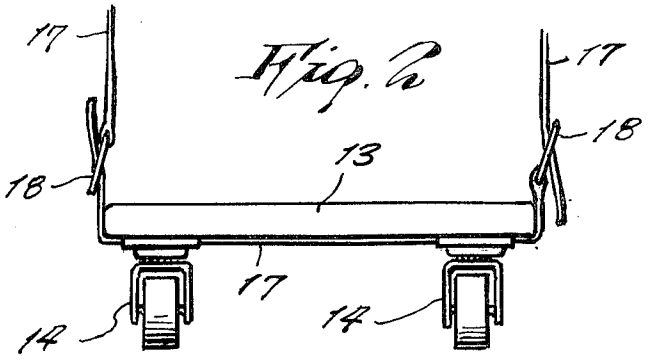
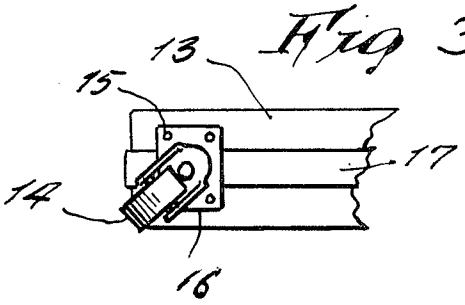


Fig 3



LUGGAGE ROLLERS

This invention relates generally to dollies such as are placable under a heavy object so that it can be easily moved across a level surface.

It is generally well known that upon occassion a person is obliged to carry a heavy suitcase that makes this a tiring and exhausting chore, particularly when it must be carried a long distance. This situation is objectionable and therefore in want of one improvement.

Accordingly it is a principle object of the present invention to provide a pair of luggage roller units for temporary placement under the luggage so that it can travel along a floor, sidewalk or the like without necessity of being carried, so saving on energy in lugging it in the hand.

Another object is to provide a pair of luggage rollers which are quick and easy to secure to a luggage or remove therefrom and which do not in any way injure the luggage.

Yet another object is to provide luggage rollers which when not in use can be readily fitted into a minimum space either in the luggage or elsewhere; the units taking up less space than a pair of shoes.

Yet a further object is to provide luggage rollers which can be fitted instantly to any size of luggage, which can be left secured to the luggage when it is checked for transport on an airplane, train or boat, and which permit the luggage to be in an upright position.

Other objects are to provide luggage rollers which is simple in design, inexpensive to manufacture, rugged in construction, easy to use and efficient in operation.

These and other objects will be readily apparent upon a study of the following specification and the accompanying drawing wherein:

FIG. 1 is a perspective view of the invention secured to a suitcase or other luggage.

FIG. 2 is a front view of one of the luggage roller units.

FIG. 3 is a fragmentary bottom view thereof.

Referring now to the drawing in detail, the reference numeral **10** represents a pair of luggage rollers according to the present invention wherein these are a pair of separate and like units **11** attachable to a luggage **12.**

Each unit **11** consists of a block of wood **13** of approximately 8 inches length, 3 inches wide and ¾ inch thick; the block being painted or polished. Two roller

castors **14** are secured to the underside thereof by means of screws **15** fitted through the castor flat plate **16** and into the block. A total of four straps **17** are used in each unit; each strap being 18 inches long and ½ inch wide. This will permit removal of one of the straps when the device is used on smaller size luggages. Each belt having a buckle **18** at one end, while there is a row of openings **19** on the other end so that the belts can be interconnected to form a long assembly. One of the belts is secured between the underside of the block and the roller castors as shown.

In operative use it is now evident that the units can be readily mounted or dismounted under any suitcase or other luggage so to save the chore of lugging a heavy loaded case in the hand.

While various changes may be made in the detail construction, it is understood that such changes will be within the spirit and scope of the present invention.

I claim as follows:

1. A roller attachment for luggage comprising a rigid base adapted to transversely span and support the bottom width of a piece of luggage, said base having a pair of spaced roller casters attached to the base for engagement with a floor surface in combination with a set of straps attached to the base forming an adjustable loop above the base for securing a piece of luggage on the base whereby the straps tightly encompass said luggage about its transverse dimension, said base having a uniform planar upper surface adapted to engage the luggage uniformly, said straps comprising a lower segment abutting the full length of the base, and being secured to said base by said casters, said segment extending beyond and above the base and a plurality of upper strap segments attached to the lower segment by adjustable means, said upper segments also being secured to each other by adjustable means.

2. A device as in claim **1** whereby the lower segment has a buckle at one end and a perforated opposite end, and wherein said upper segments comprise similar parallel spaced vertical straps and an upper strap transversely attached to said vertical straps by means of buckles and perforated strap ends, said casters being disposed in symmetrically spaced relationship from the ends of the base.

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