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RESILIENT MEMBERED JUDO TRAINING DEVICE

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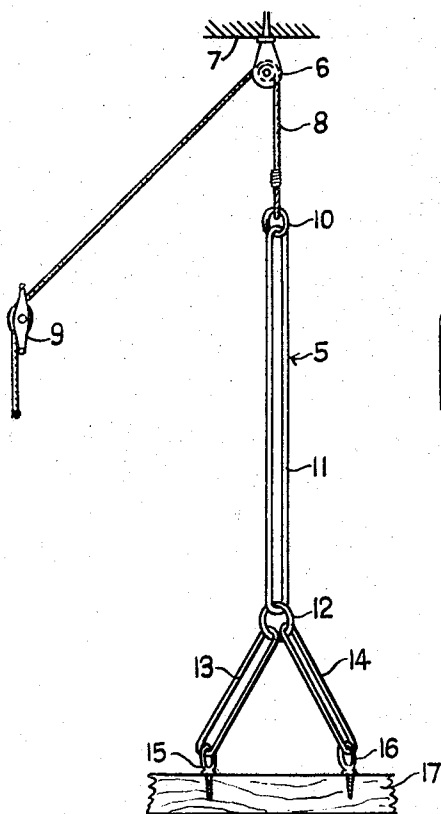


Fig. 1

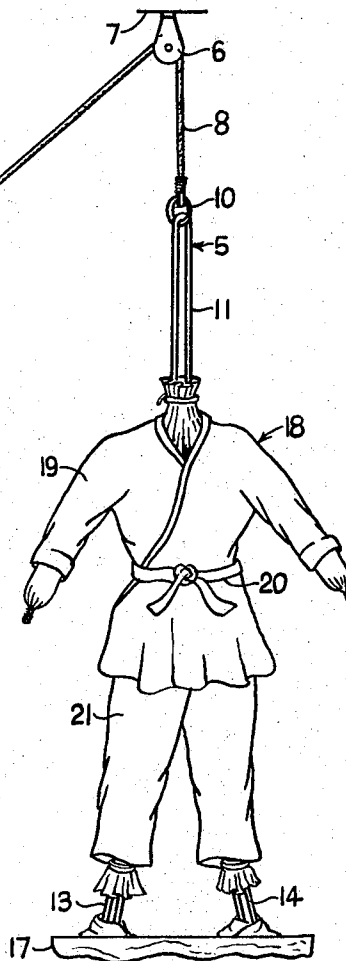


Fig. 2

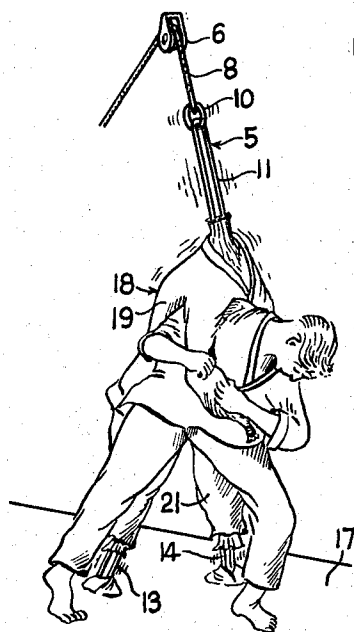


Fig. 3

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3,421,759 RESILIENT MEMBERED JUDO TRAINING DEVICE

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4 Claims

ABSTRACT OF THE DISCLOSURE

A judo trainer having a vertical resilient strap and two diverging resilient straps connected to the vertical resilient strap at its lower extremity. A cord is connected to the upper extremity of the vertical resilient strap and reeved over a pulley positioned over the vertical resilient member. A manikin encompasses the major portion of the three straps.

This invention relates to judo which is a modern refined form of jujitsu, which in turn is the Japanese art of self-defense without weapons, and more particularly, this invention relates to a training device to be used in teaching and practicing this ancient Japanese art of self-defense that is becoming more and more popular.

As anyone knows, who has any knowledge of the art of judo, two people are normally required for one to learn this art of self-defense, namely, the student and the instructor. Unfortunately, an instructor is not always available to a student, particularly if the student wants to put in some time practicing at whatever time he has available regardless of the hour of the day or night.

It is, therefore, the principle object of this invention to provide a judo trainer by which a person can learn and/or practice judo without the need of an instructor being present.

Another object of this invention is to provide a judo trainer that can be adjusted for use by anyone regardless of their height or weight.

Still another object of this invention is to provide a judo trainer that telegraphs every incorrect approach or move to the user by means of recoil resistance that is provided through the pull of specially arranged rubber straps which apply pressure through means of resistance to certain parts of the user's body.

Other and further objects of this invention will become apparent as the description of the invention proceeds and the drawing is examined. In the drawing:

FIG. 1 is a front view of the structural elements of this invention.

FIG. 2 is a front view of this invention in its entirety showing the manikin covering part of the structural elements of this invention.

FIG. 3 is a pictorial view of this invention in actual use.

Referring to the drawing where like reference numbers indicate like parts, the number 5 indicates this invention in its entirety. The invention consists of two major parts, namely, the structural elements shown in FIGURE 1 and the manikin shown in FIGURES 2 and 3. Looking first at FIGURE 1, it will be seen that the aforesaid structural elements embody a pulley 6 that is normally secured to the ceiling 7 of a building or the like. A nylon rope 8, having one end secured to the cleat 9, is fastened to the wall of a building or the like, and the other end of the same rope fastened to a round ring 10 after passing over the aforesaid pulley 6. A rubber strap 11, that is round in cross-section, is placed through the aforesaid ring 10

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and a second ring 12, that is approximately eight feet below the first mentioned ring. It is obvious from looking at FIGURE 1 of the drawing that the ends of the aforesaid rubber strap 11 are secured together to make the strap an endless one. Two other rubber straps 13 and 14 are also threaded through the aforesaid ring 12. Straps 13 and 14 pass through eye bolts or screws 15 and 16 that are fastened into the floor 17 in horizontally spaced relation to one another. The straps 13 and 14 are like strap 11, formed into an endless member. A manikin 18 that embodies a stuffed jacket 19 having a belt 20 and stuffed military coveralls 21 is placed over the lower portion of the rubber strap 11, ring 12, and the major portion of the rubber straps 13 and 14, as one can see by looking at FIGURES 2 and 3 of the drawing.

It is obvious from the above-described construction of this invention that I have now provided a device for the judo student or player that will develop his throwing techniques, accuracy, timing, coordination, balance, posture-breaking technique, pivots, left and right side throws, and speed. The resistance of the rubber straps 11, 13 and 14 is the same that the student or the like will experience if he approaches another person with whom the student is playing. When the student is applying correct judo throwing technique, the device will fit the user's body correctly and can be easily moved through the correct stages of a properly executed throw. Regardless of the type of throwing technique applied to this invention, the device will immediately recoil back into its original position as soon as the user releases his hold on the same. The device is then ready for any other attack by the user without the necessity of an adjustment.

This invention can also be used for the training of karate and savate, as well as improving the technique of experts in the art.

This invention of mine is subject to any and all desired changes and modifications in so long as the changes and modifications fall within the scope of the appended claims.

What I now claim as new is:

1. A judo trainer of the character described, comprising a plurality of resilient members that are connected to both one another and the floor and ceiling of a building, a manikin encompassing a major portion of the said members, said resilient members embodying a vertically disposed first resilient member that is in the form of an endless rubber strap having an end connected to said ceiling and two other resilient members of the same kind of material that also forms two additional rubber straps, all three of the said rubber straps secured at one end to a common round ring, and said two additional rubber straps secured at their other ends to said floor.

2. A judo trainer as recited in claim 1 wherein the first rubber strap is connected at its opposite end portion to a ring that is secured to the lower end of a nylon rope that passes over a pulley suspended from the ceiling of a building, and the other end of the said nylon rope being suitably secured to the side of the said building.

3. A judo trainer as recited in claim 2 wherein the last two mentioned rubber straps are connected at their respective opposite ends to separate eye-bolts that are spaced from each other and secured to the floor of the said building, the three rubber straps now providing a resilient structure having the configuration of an inverted letter Y.

4. A judo trainer as recited in claim 3 wherein the three said rubber straps are round in cross-section.

(References on following page)

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