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FENCING IMPLEMENT

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This invention relates to new and useful improvements in the implements relating to the art of fencing and has for its object to provide a device that will promote the interest in this gentlemanly and healthy sport by making it possible to practice and exercise the latter at home without the attendance of an instructor, it being understood that the theoretical precepts, or rules of the art, are familiar to the fencer.

It is a further purpose of this device, as the sport to which it pertains may be participated in by ladies and gentlemen with equal benefit, to impart to the person practicing fencing a fine poise, alertness and dexterity in handling the foil in addition to quick judgment, besides all the benefits generally derived from physical exercises.

With the above and other objects in view, this invention consists of the novel features of construction, combination and arrangements of parts, hereinafter fully described, claimed, and illustrated in the accompanying drawings forming part of this specification, and in which similar characters of reference indicate corresponding parts in all views, and in which:

Figure 1 is a perspective view of my invention; Fig. 2 is a detail sectional illustration, while Fig. 3 shows a front detail view of my device with the foils detached.

Referring more particularly to the drawings 10 indicates a board, which has hingedly attached to it two substantially rectangular members 11 and 12, of which the former, 11, has disposed on its upper side near its ends recesses 13, each of which is adapted to receive a preferably wooden arm 14 in such a manner as to permit of a motion in a sidewise direction of the latter. The said wooden arm 14 has connected to its front portion, as by insertion, a foil 15, as shown at 16. In order to steady the position of the foil 15 and making it capable of rebounding during operation of the apparatus, the member 14 has been provided with a cord 17 and in a sidewise manner with a coiled spring 18 connecting the said arm 14 to the board 10, as shown. It may be observed, that while a sidewise movement of the foil is assured by means of the en-

larged recesses 13, the said foil will readily move in an upward direction, when acted upon to that effect, on account of the hinged engagement of the member 11 with the board 10. It will be seen that one of the foils is indicated in dotted lines in Fig. 1, as the apparatus may be made with one or two upper foils as desired. The board 10 is provided with lugs 19 for attaching the apparatus in a suitable position, for instance against a wall.

The lower member 12 has mounted upon its upper side a wooden arm 20 substantially similar to the arms formerly described with the exception, however, that the said arm 20 has disposed a recess 21, which, as the said arm is pivotally mounted upon the member 12, will impart to the former a free motion in a sidewise direction, it being in this connection clearly understood that a vertical motion is also accomplished by means of the hinged engagement of the member 12 with the board 10. To the said arm 20 is attached the usual foil 15.

In order to give to the arm 20 the utmost of a recoiling effect, the said arm has been provided with two horizontally positioned coiled springs 22, 22, and with two opposite, vertically positioned coiled springs 23, 23, connecting said arm 20 with the member 12 and the board 10, respectively, suitable hooks and screws being employed for the said connecting purposes.

It will be seen that the springs 22, 22 are positioned relatively to each other in such a manner as to give to the foil upon the arm 20 an upwardly slanting position.

In Figure 3 is illustrated an index, or partitioning of the board 10 serving as a direction to the exercises.

In Fig. 2 has been especially shown the relative positions of the foils of the apparatus and the one of the exercising party.

It is obvious that changes may be made in the form, construction and arrangement of the several parts, as shown, within the scope of the appended claims, without departing from the spirit of the invention, and I do not therefore limit myself to the construction and arrangement shown and described herein.

What I claim as new, and desire to secure by Letters Patent of the United States, is:

1. A device of the class described, comprising a substantially rectangular plate, having arranged thereon a plurality of horizontally positioned, hinged members, the latter being provided with projecting arms adapted to receive foils and means for keeping said arms and foils in an appropriate position during operation.

2. A device of the class described comprising a substantially rectangular board substituting the chest of a fencer, the said board being provided with suitable indexes for self-instruction, hinged members positioned across the said board in a horizontal manner, arms pivotally attached to the said members and being adapted to receive fencing-foils, resilient means connecting said arms with the board and said members, respectively, for the purpose of imparting a recoiling effect to the said arms and foils to keep them in proper position.

3. A device of the class described, comprising a substantially rectangular board, crosswise arranged members, hingedly connected to the said board and movable in an upward direction only, the upper one of the said members having disposed recesses at its end portions, the said recesses being larger than arms pivotally arranged therein in order to give to the said arms latitude for motion in a sidewise direction, the lower one of the said members having arranged approximately at its center and upon its upper side in a pivotal manner a forwardly projecting arm, fencing foils attached to the said arms and means for securing said arms and foils in proper relative position to each other during operation, substantially as and for the purpose set forth.

4. A device of the class described, comprising a base-member adapted for suspension in a vertical manner, crosswise arranged bars hingedly connected to the said base-member, the said bars having disposed thereon forwardly projecting arms terminating in fencing foils, suitable means for connecting said arms to said crosswise members in order to permit a motion of the former in an upward and sidewise direction, resilient means for resisting, and securing a return to the former position of the said fencing foils, the said base-member being provided with suitable indexes for instructive purposes during operation, substantially as shown and described.

Signed at New York city in the county of New York and State of New York this 2nd day of August, A. D. 1928.

JOHN KRASHENINNIKOFF.