



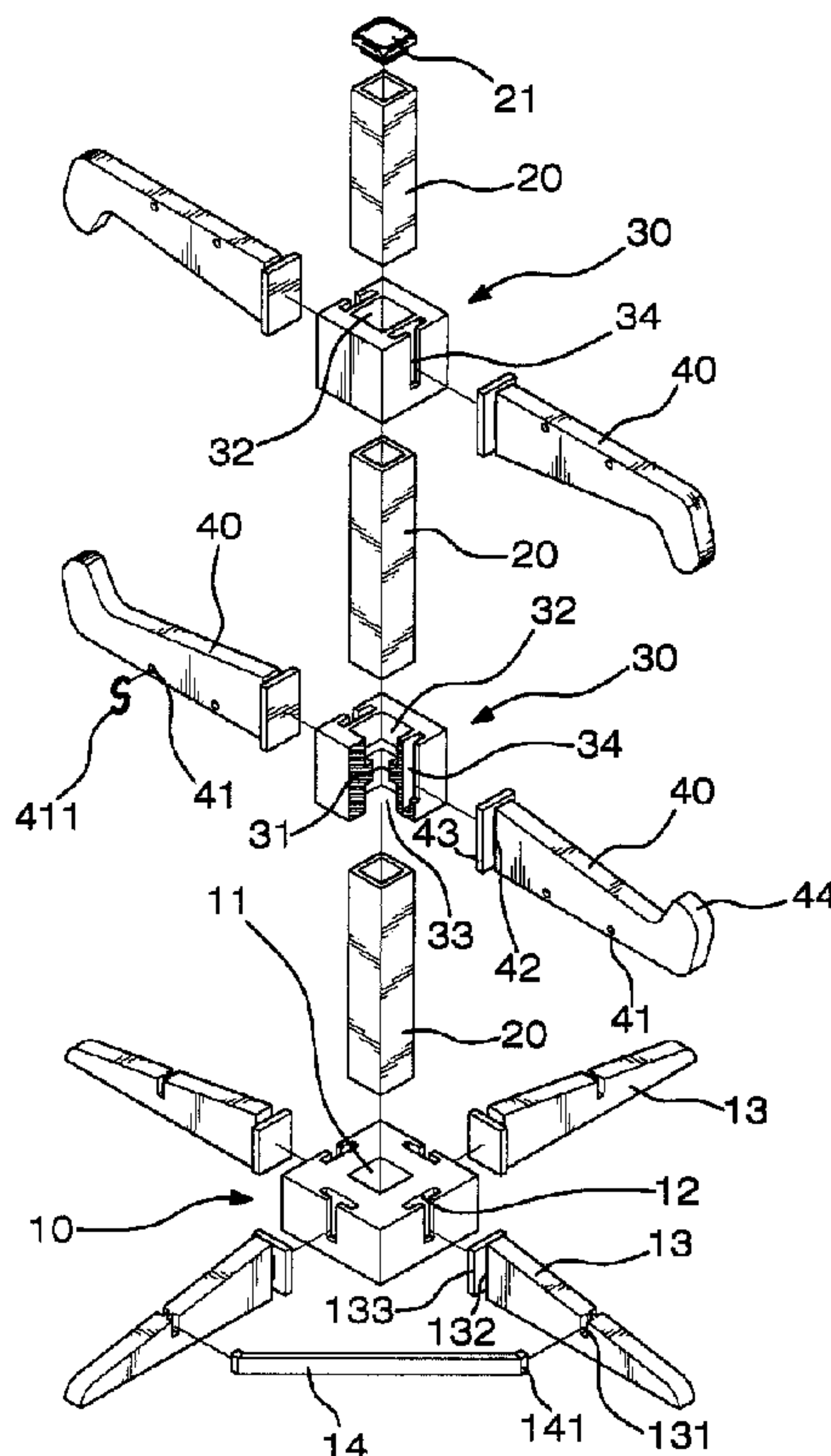
(72) SOO, MIKE, TW

(71) SOO, MIKE, TW

(51) Int.Cl.<sup>6</sup> A47G 25/14, A47G 25/40, A47G 25/02

(54) **SUPPORT AMOVIBLE POUR PROTECTEURS DE SPORT**

(54) **DETACHABLE HANGER FOR SPORT PADS**



(57) A detachable hanger for sport pads includes a base, a number of legs, a number of posts, a number of interconnecting blocks, and a number of hanger member. Each leg has an end releasably engaged with the base. The posts are detachably mounted to the base in an upright manner. The interconnecting blocks interconnect the posts in the upright manner. Each interconnecting block includes an inner flange to thereby define an upper positioning compartment for securely yet releasably receiving a lower end of one post located above the interconnecting block and a lower positioning compartment for securely yet releasably receiving an upper end of one post located below the interconnecting block. Each hanger member has an end releasably engaged with an associated interconnecting block.

**Abstract of the Disclosure**

A detachable hanger for sport pads includes a base, a number of legs, a number of posts, a number of interconnecting blocks, and a number of hanger member. Each leg has an end releasably engaged with the base. The posts are detachably mounted to the base in an upright manner. The interconnecting blocks interconnect the posts in the upright manner. Each interconnecting block includes an inner flange to thereby define an upper positioning compartment for securely yet releasably receiving a lower end of one post located above the interconnecting block and a lower positioning compartment for securely yet releasably receiving an upper end of one post located below the interconnecting block. Each hanger member has an end releasably engaged with an associated interconnecting block.

## **Detachable Hanger for Sport Pads**

### **Background of the Invention**

#### **1. Field of the Invention**

The present invention relates to a hanger for sport pads, and more particularly to a detachable hanger for easy transportation and for providing a convenient tool for hanging and displaying the sport pads.

#### **2. Description of the Related Art**

Sport pads, e.g., helmets, chest pads, elbow pads, and kneepads, are important in violent games, as they may prevent injury to the players' bodies when the players are subjected to impact and thus fall. Maintenance and cleaning of sport pads are also important. The sport pads are inevitably wetted in sweat and will stink and provide a bed for germs if they are immediately put into closets after use. Some users hang their sport pads on an ordinary hanger for drying. Yet, such hanger is not detachable and thus inconvenient to carry.

The present invention is intended to provide a detachable hanger that mitigates and/or obviate the above problem.

### **Summary of the Invention**

It is a primary object of the present invention to provide a hanger for sport pads that can be detached for easy carriage.

It is another object of the present invention to provide a hanger that may be used for displaying the sport pads hung thereon.

A detachable hanger for sport pads in accordance with the present invention comprises:

a base;

a plurality of legs each having an end releasably engaged with the base;

a plurality of posts detachably mounted to the base and located in an upright manner;

a plurality of interconnecting blocks for interconnecting the posts in the upright manner,

each said interconnecting block including an inner flange to thereby define an upper positioning compartment for securely yet releasably receiving a lower end of one said post

1 located above the interconnecting block and a lower positioning compartment for securely yet  
2 releasably receiving an upper end of one said post located below the interconnecting block;  
3 and

4 at least one hanger member each having an end releasably engaged with each said  
5 interconnecting block.

6 The base includes a plurality of sides each having an engaging groove, and the end of  
7 each leg including an engaging member releasably engaged with an associated engaging  
8 groove of the base. The engaging grooves of the base and the engaging members of the legs  
9 may be T-shape.

10 Each leg further includes a notch in a mediate portion thereof. An auxiliary connecting  
11 rod is connected between each two adjacent legs. The auxiliary connecting rod includes two  
12 ends each of which is releasably engaged in an associated notch.

13 The base includes a central positioning groove for releasably engaging with a lower end  
14 of a lowermost one of the posts.

15 Each interconnecting block includes an engaging groove in at least one side thereof, and  
16 the hanger member includes an inner end with an engaging member releasably engaged with  
17 said engaging groove. The engaging groove and the engaging member may be T-shape. The  
18 hanger member may include a second hooked end. The hanger member may further include at  
19 least one hole for releasably attaching a hook.

20 Other objects, advantages, and novel features of the invention will become more  
21 apparent from the following detailed description when taken in conjunction with the  
22 accompanying drawings.

### 23 **Brief Description of the Drawings**

24 Fig. 1 is an exploded perspective view of a detachable hanger in accordance with the  
25 present invention.

26 Fig. 2 is a perspective view of the detachable hanger in accordance with the present  
27 invention.

1           Fig. 3 is a schematic sectional view of the detachable hanger in accordance with the  
2 present invention.

3           Fig. 4 is a perspective view illustrating use of the detachable hanger in accordance with  
4 the present invention.

5                           **Detailed Description of the Preferred Embodiment**

6           Referring to Figs. 1 through 4 and initially to Figs. 1 through 3, a detachable hanger in  
7 accordance with the present invention generally includes a base 10, a number of legs 13, a  
8 number of posts 20, a number of interconnecting blocks 30, and a number of hanger members  
9 40.

10          The base 10 includes a central positioning hole or groove 11 for releasably engaging  
11 with a lower end of one of the posts 20. The base 10 further includes a T-shape engaging  
12 groove 12 in each of four sides thereof. Each leg 13 includes an end 132 with a T-shape  
13 engaging member 133 releasably engaged with an associated engaging groove 12. Each leg 13  
14 further includes a notch 131 in a mediate portion thereof. At least one auxiliary connecting rod  
15 14 may be connected between each two adjacent legs 13. Each end of the auxiliary connecting  
16 rod 14 is releasably engaged in an associated notch 131, thereby providing a stable base.

17          Each interconnecting block 30 is substantially tubular and includes an inner flange 31 to  
18 thereby define an upper positioning compartment 32 for securely yet releasably receiving a  
19 lower end of one post 20 located above the interconnecting block 30 and a lower positioning  
20 compartment 33 for securely yet releasably receiving an upper end of one post 20 located  
21 below the interconnecting block 30. At least one side of each interconnecting block 30  
22 includes a T-shape engaging groove 34. Each hanger member 40 includes an inner end 42 with  
23 a T-shape engaging member 43 releasably engaged with an associated engaging groove 34 and  
24 an outer hooked end 44. Each hanger member 40 may further include a number of holes 41 for  
25 releasably attaching hooks 411. An upper cap 21 may be engaged on the upper end of the  
26 uppermost post 20.

1           Referring to Figs. 1 through 4, the hanger can be easily and conveniently assembled and  
2 detached without using any tool. In addition, the hanger may be assembled to a desired level.  
3 As illustrated in Fig. 4, a helmet 50, a body pad 51, gloves 52, knee pads 53, and elbow pads  
4 54 may be hung up to the hanger. The whole set of a sport padding device (including a helmet  
5 50, a body pad 51, two gloves 52, two knee pads 53, and two elbow pads 54) may be hung up  
6 to the hanger for drying purpose under sanitary consideration. In addition, the whole set of the  
7 padding device may be hung in an aesthetically pleasing manner to provide a displaying  
8 function. The hanger can be detached and carried by the user, which is extremely convenient  
9 to a user that plays games at different places.

10           Although the invention has been explained in relation to its preferred embodiment, it is  
11 to be understood that many other possible modifications and variations can be made without  
12 departing from the spirit and scope of the invention as hereinafter claimed.

**What is claimed is:**

1. A detachable hanger for sport pads, comprising:

a base;

a plurality of legs each having an end releasably engaged with the base;

a plurality of posts detachably mounted to the base and located in an upright manner;

a plurality of interconnecting blocks for interconnecting the posts in the upright manner,

each said interconnecting block including an inner flange to thereby define an upper positioning compartment for securely yet releasably receiving a lower end of one said post

located above the interconnecting block and a lower positioning compartment for securely yet

releasably receiving an upper end of one said post located below the interconnecting block;

and

at least one hanger member each having an end releasably engaged with each said interconnecting block.

2. The detachable hanger as claimed in claim 1, wherein the base includes a plurality of sides each having an engaging groove, the end of each said leg including an engaging member releasably engaged with an associated said engaging groove of the base.

3. The detachable hanger as claimed in claim 2, wherein the engaging grooves of the base and the engaging members of the legs are T-shape.

4. The detachable hanger as claimed in claim 1, wherein each leg further includes a notch in a mediate portion thereof, further comprising at least one auxiliary connecting rod connected between each two adjacent said legs, said at least one auxiliary connecting rod including two ends each of which is releasably engaged in an associated said notch.

5. The detachable hanger as claimed in claim 1, wherein the base includes a central positioning groove for releasably engaging with a lower end of a lowermost one of the posts.

6. The detachable hanger as claimed in claim 1, wherein each said interconnecting block includes an engaging groove in at least one side thereof, and said at least one hanger member

1 includes an inner end with an engaging member releasably engaged with said engaging  
2 groove.

3 7. The detachable hanger as claimed in claim 6, wherein the engaging groove and the  
4 engaging member are T-shape.

5 8. The detachable hanger as claimed in claim 6, wherein said at least one hanger member  
6 includes a second hooked end.

7 9. The detachable hanger as claimed in claim 1, wherein said at least one hanger member  
8 includes at least one hole for releasably attaching a hook.

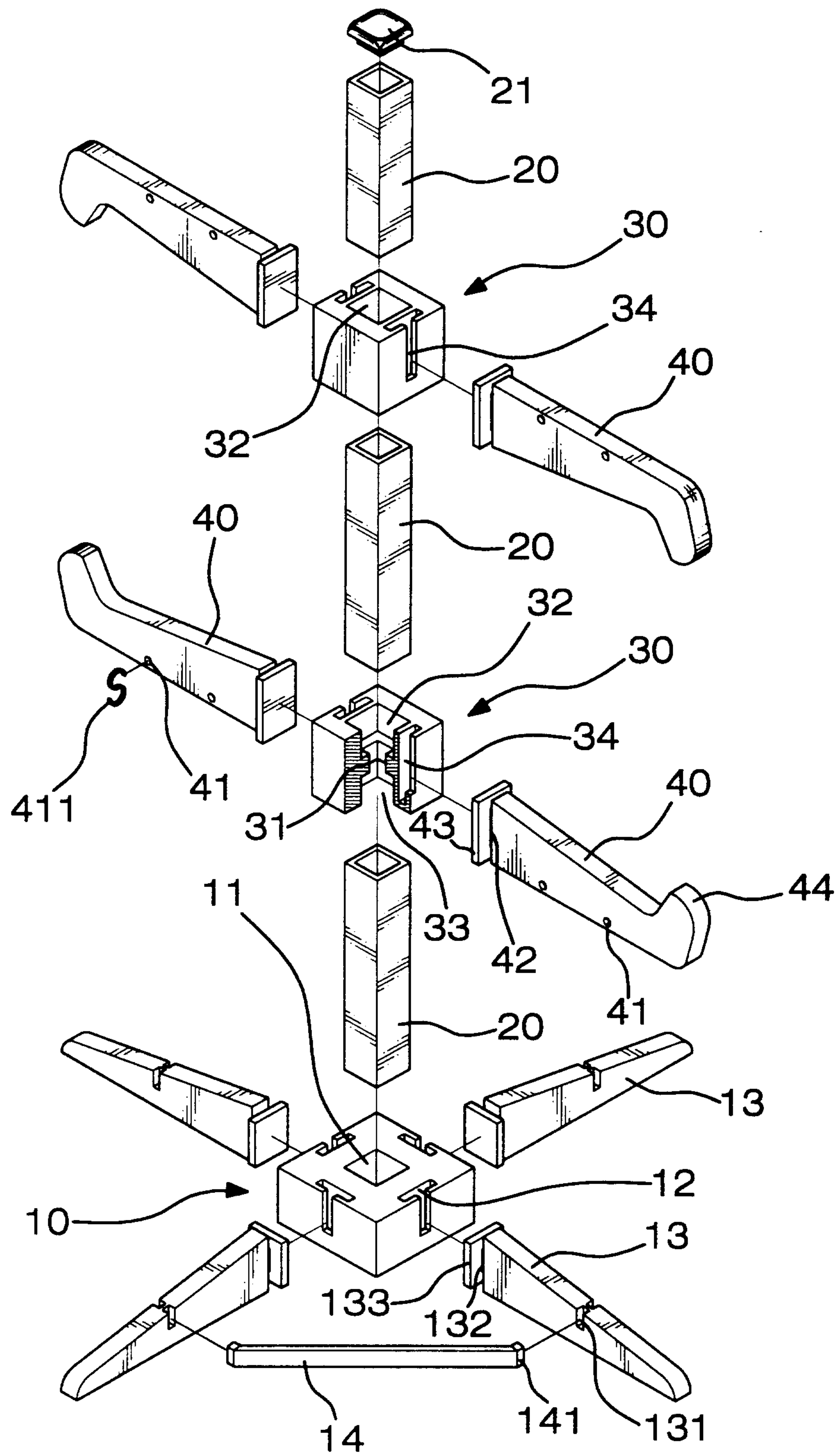


FIG. 1

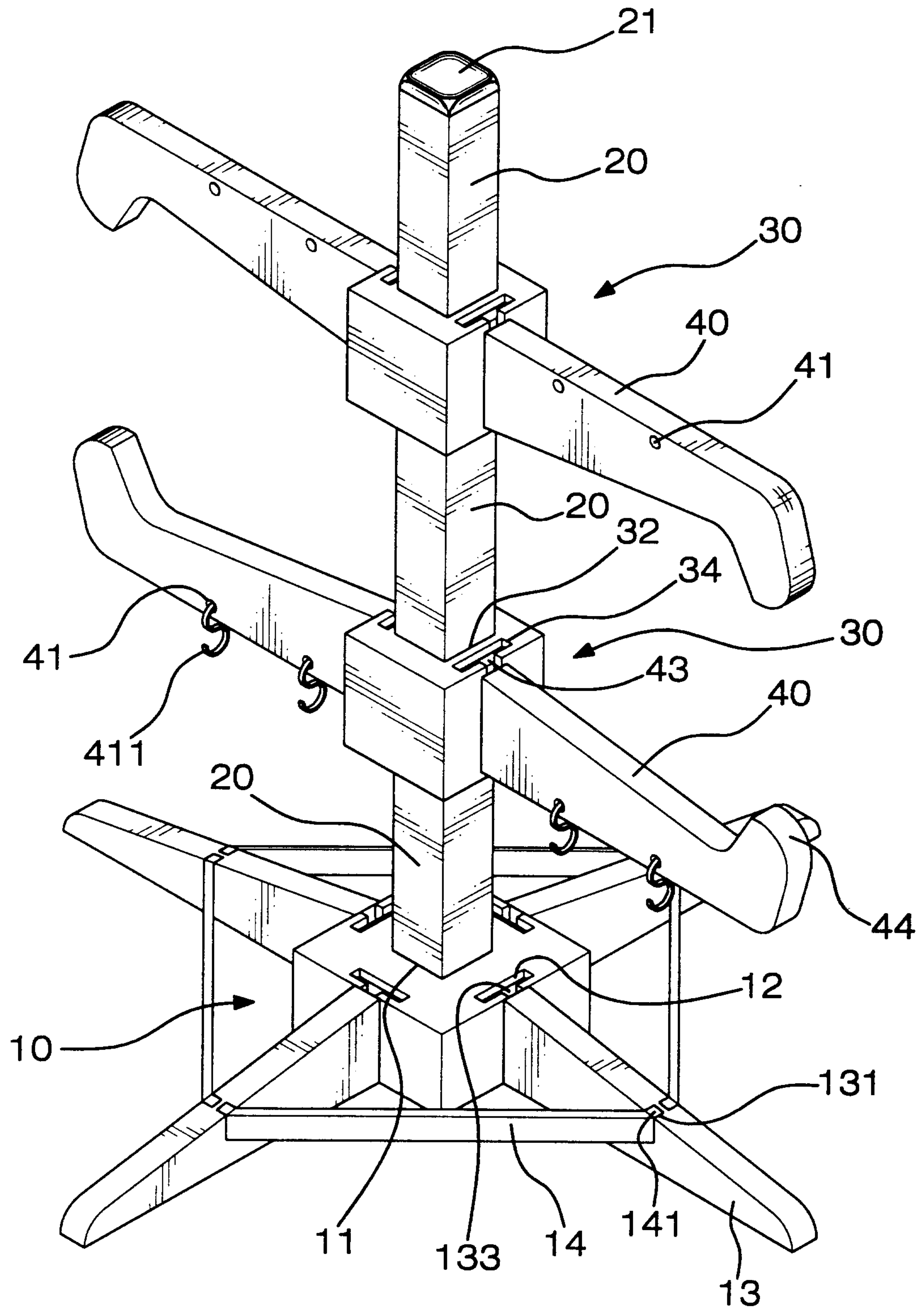


FIG. 2

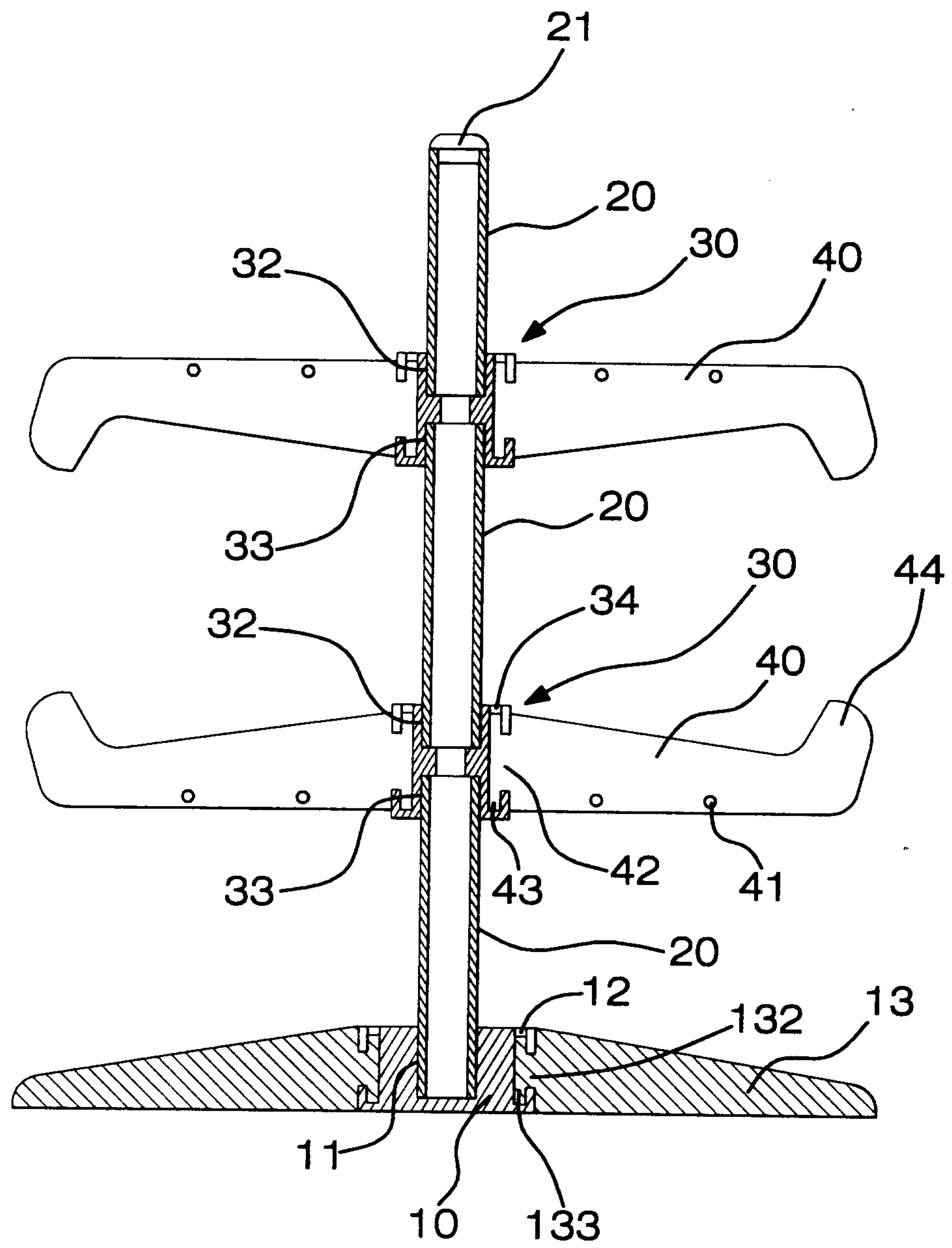


FIG. 3

