

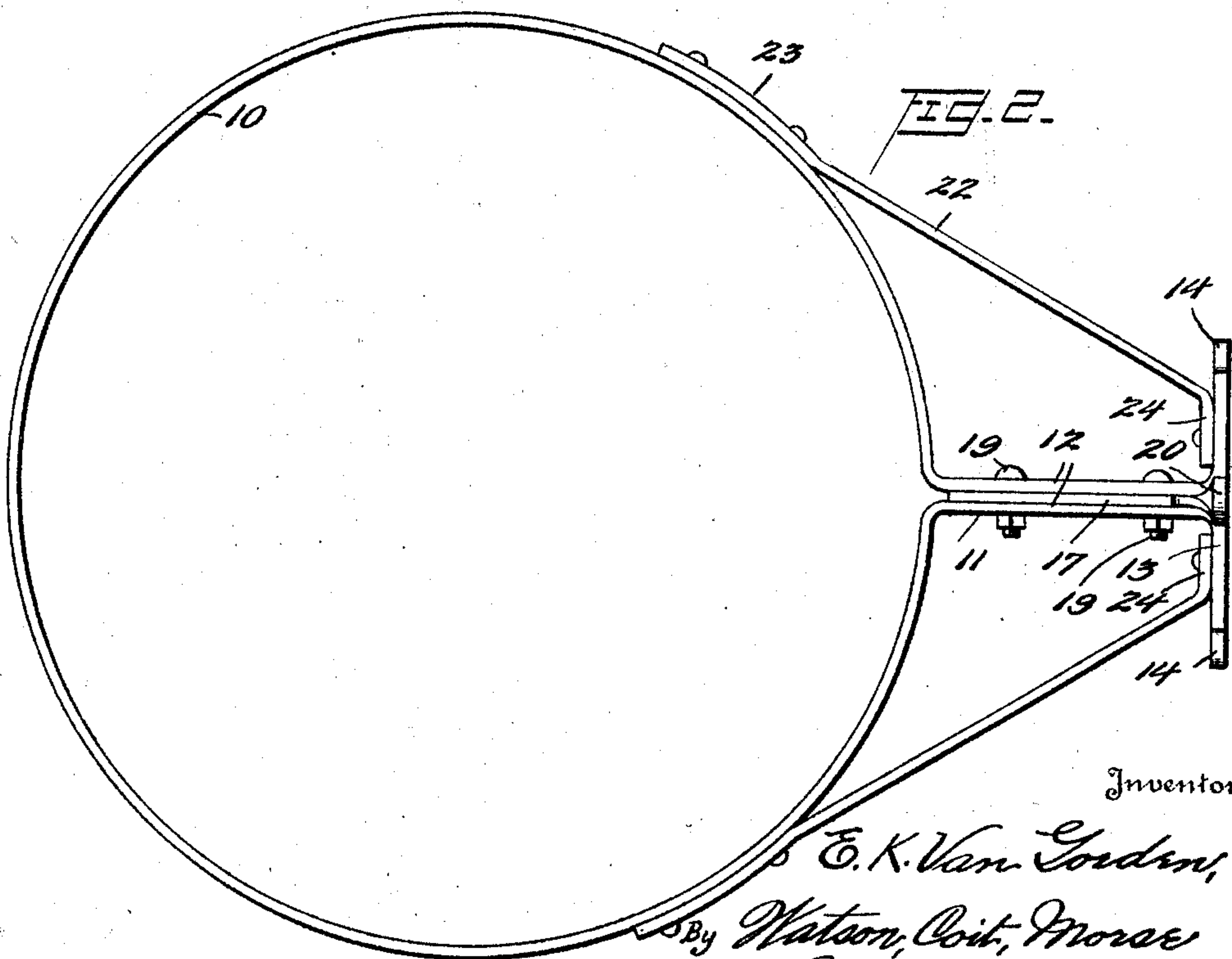
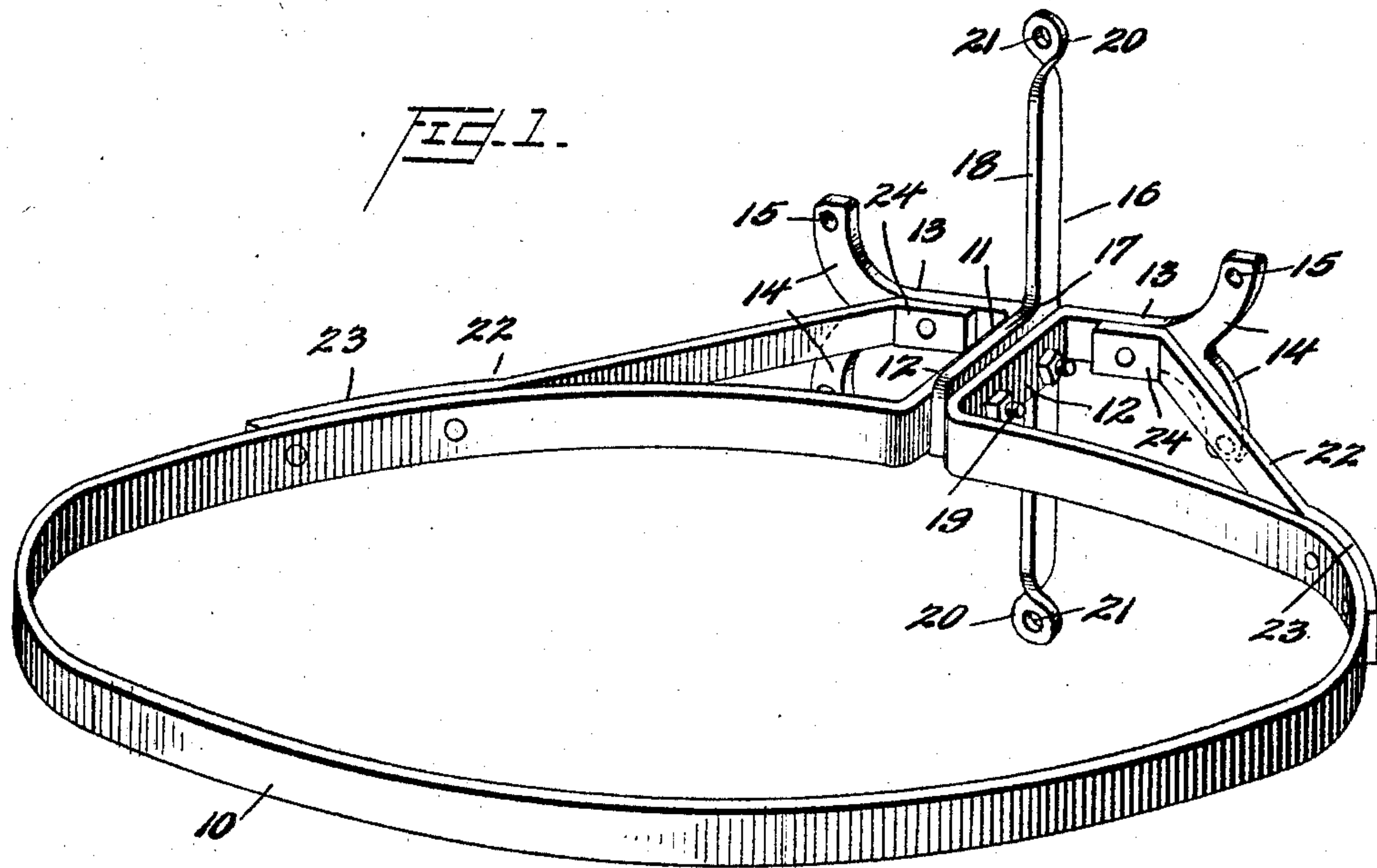
Nov. 24, 1925.

E. K. VAN GORDEN

1,563,243

BASKET BALL GOAL

Filed April 30, 1925



Inventor

E. K. Van Gorden,

By Watson, Coit, Morse
& Grindle

Attorney

Patented Nov. 24, 1925.

1,563,243

UNITED STATES PATENT OFFICE.

EDWARD K. VAN GORDEN, OF HORSEHEADS, NEW YORK.

BASKET-BALL GOAL.

Application filed April 30, 1925. Serial No. 27,089.

To all whom it may concern:

Be it known that I, EDWARD K. VAN GORDEN, a citizen of the United States, and residing at Horseheads, county of Chemung, State of New York, have invented certain new and useful Improvements in Basket-Ball Goals, of which the following is a specification.

This invention relates to basketball goals, and has for its object the production of a novel form of goal which possesses unusual strength, rigidity, lightness, neatness, and ease of attachment.

Other objects and advantages of my invention will be apparent from the following description, taken in conjunction with the accompanying drawings, which form a part of this specification, and in which:

Figure 1 is a perspective view of my improved goal; and

Figure 2 is a top plan view thereof.

Referring more particularly to the drawings, in which like reference characters denote like parts throughout the several views thereof, 10 represents the ring or net supporting portion of the goal. The ring 10 is circular and is preferably bent to shape from a single piece of metal, such as a flat bar of iron or steel. At the back of the ring the ends of the metal bar of which it is formed are brought together and bent to form a rearwardly extending arm 11, comprising two closely adjacent parallel arms 12. The free ends of the arms 12 are bent outwardly to form a pair of oppositely directed supported feet 13 at right angles thereto. Each foot 13 is preferably forked at its outer end, as shown, forming two branches 14, each of which is provided with a hole 15 thru which a suitable bolt or screw may be passed to fasten the goal to the conventional backboard. This construction affords a larger supporting surface, and permits wider spacing of the fastening means.

Fastening means passing thru the holes 15 would be sufficient to hold the goal rigid against blows from the side, but they would not be spaced far enough apart vertically to withstand severe vertical blows. For this reason a vertically extending supporting bracket 16 is preferably employed, which may be made of flat metal stock and be substantially T-shaped, having a stem 17 and a head 18. The stem 17 may be secured between the arms 12 by means of bolts 19, and should be in such position that the outer

edge of the head 18 is in the same plane as the outer surface of the feet 13, or, in other words, in the plane of the backboard. Each end of the head 18 has a widened portion 20, which may be made by twisting the metal as shown. A hole 21 is provided in each portion 20 for the passage of additional fastening bolts or screws. The stem 17 of the T-shaped bracket 16 is preferably made wider than the arms 12 and projects above the top edge of the arms, as is clearly shown in Figure 1. The purpose of this feature is to prevent the ball from lodging on the arms and the side braces to be presently described. These side braces are at the same level as the arms 12, and unless the stem 17 is raised as described, the ball may come to rest thereon, consequently delaying the game until the ball can be dislodged.

The ring 10 is still further strengthened and supported by a pair of side braces 22. Each brace 22 has at one end an arcuate portion 23 riveted to the outer periphery of the ring, and at the other end a flat portion 24 bent at an obtuse angle to the brace and riveted to a foot 12.

A compact structure is thus obtained which has all the advantages enumerated above, and which will readily withstand the roughest usage. It will be observed that the feet 13 are integral with the ring 10, and that the side braces 22 furnish an additional connection between the ring and the feet. The T-shaped bracket 16 provides additional points of connection to the backboard widely spaced from the supporting feet and especially adapted to withstand vertical stress. It will be noted also that sharp bends of the metal forming the goal are carefully avoided and that all corners are rounded to prevent breaking the grain of the iron or steel. The entire goal is preferably constructed of flat metal bars which are assembled in such a way that the strain is borne edgewise upon them.

Many changes or alterations might be made in the structure above described without affecting the spirit of my invention, and I desire to be limited, therefore, only by the prior art and the scope of the appended claims.

Having thus described the invention, what is claimed as new and desired to be secured by Letters Patent is:

1. In a basketball goal, in combination, a

ring, an arm secured to said ring, a supporting foot secured to said arm, and a brace secured at one end to said ring and at the other end to said foot.

5 2. In a basketball goal, in combination, a ring having an integral arm extending therefrom, a supporting foot secured to said arm at a right angle thereto, and a brace secured at one end to said ring and at the other end to said foot.

10 3. In a basketball goal, in combination, a ring having an integral arm extending therefrom, a plurality of supporting feet integral with said arm and arranged at a right angle thereto, and a plurality of braces secured at one end to said ring and at the other end to one of said feet.

15 4. In a basketball goal, in combination, a ring terminating in a pair of closely adjacent parallel arms, supporting feet on said arms, and a pair of braces secured at one end to said ring and at the other end to one of said feet.

20 5. In a basketball goal, in combination, a ring having its ends bent rearwardly to form a pair of closely adjacent parallel arms, the ends of said arms being bent outwardly to form a pair of oppositely directed supporting feet at a right angle thereto, and a pair of side braces secured at one end to said ring and at the other end to one of said feet.

25 6. In a basketball goal, in combination, a ring, an arm secured to said ring, a supporting foot secured to said arm at a right angle thereto, and a T-shaped supporting bracket having its stem secured to said arm and its

head extending at a right angle to both said arm and said foot.

7. In a basketball goal, in combination, 40 a ring terminating in a pair of parallel arms, supporting feet on said arms, and a T-shaped supporting bracket having its stem secured between said arms and its head in the plane of said supporting feet. 45

8. In a basketball goal, in combination, a ring terminating in a pair of parallel arms, supporting feet on said arms, side braces secured at one end to said ring and at the other end to one of said feet, and a T-shaped 50 supporting bracket having its stem secured between said arms and its head in the plane of said feet.

9. In a basketball goal, in combination, a ring, a pair of closely adjacent parallel 55 arms integral with said ring, a supporting foot integral with each of said arms and at a right angle thereto, said feet extending in opposite directions, a T-shaped supporting bracket having its stem secured between 60 said arms and its head in the plane of said feet and at right angles thereto, and a pair of side braces each secured at one end to said ring and at the other end to one of said feet. 65

10. The combination as claimed in claim 8 in which the upper edge of the stem of said T-shaped bracket is at a higher level than said arms and said side braces, for the purpose described. 70

In testimony whereof I hereunto affix my signature.

EDWARD K. VAN GORDEN