

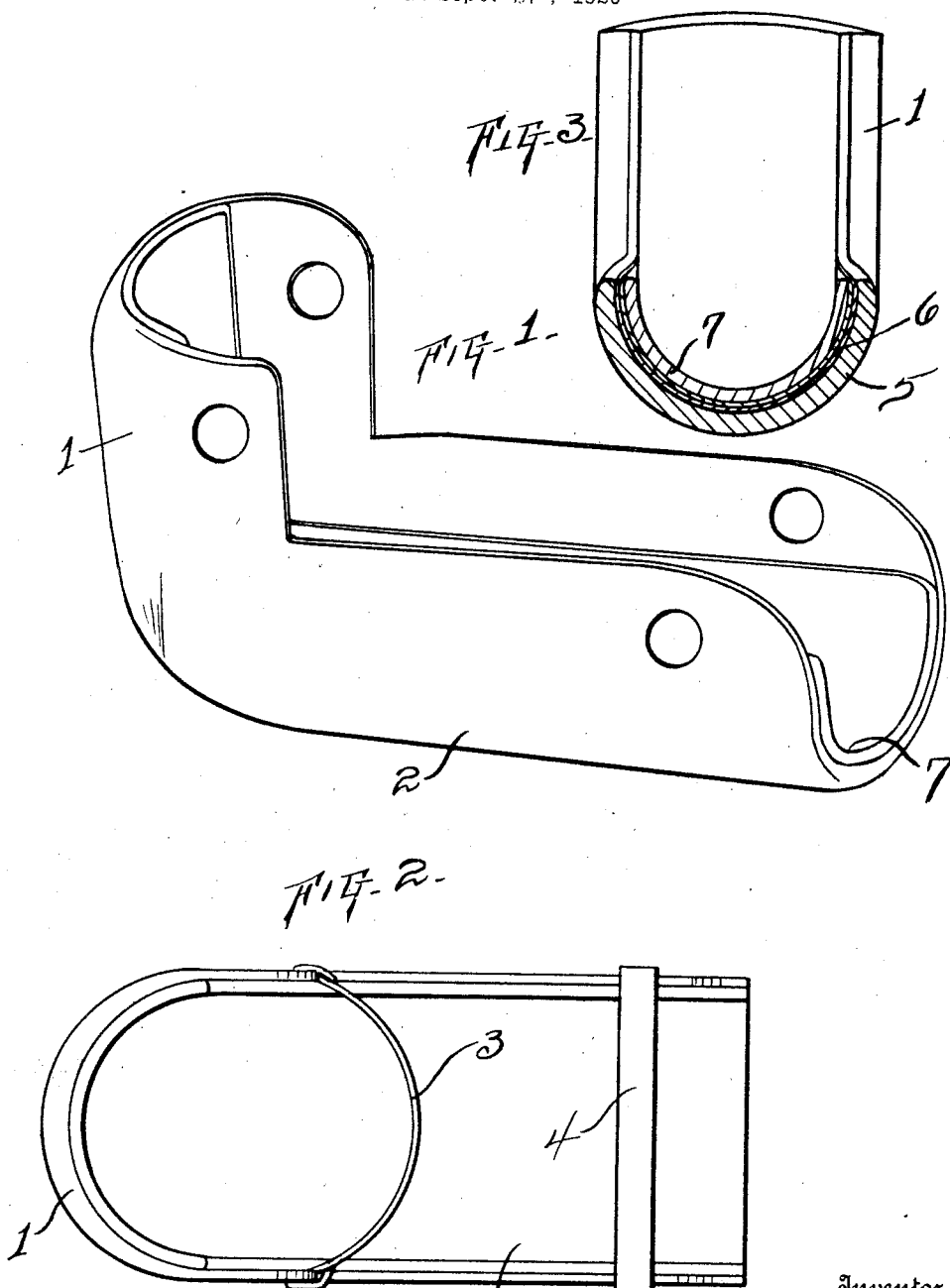
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C. L. CLARKE

KNEE PAD

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UNITED STATES PATENT OFFICE.

CHARLES L. CLARKE, OF FORT WORTH, TEXAS.

KNEE PAD.

Application filed September 27, 1920. Serial No. 412,948.

To all whom it may concern:

Be it known that I, CHARLES L. CLARKE, a citizen of the United States of America, residing at Fort Worth, in the county of Tarrant and State of Texas, have invented certain new and useful Improvements in Knee Pads, of which the following is a specification.

My invention relates to knee pads for workmen who have to do much work on their knees and more particularly to parties who pick cotton, and the object is to provide knee pads which will be comfortable to the wearer and which will protect the knees from stones or rough places on the ground and from all objects on the ground which would injure the knees and from the moisture of the ground. Another object is to provide knee pads which will not weary the wearers and to provide knee pads which can be manufactured at relatively small cost. Other objects and advantages will be fully explained in the following description and the invention will be more particularly pointed out in the claims.

Reference is had to the accompanying drawings which form a part of this application.

Fig. 1 is a perspective view of the knee pad. Fig. 2 is a plan view of the same, showing the relative positions of straps for retaining the pad in place. Fig. 3 is a cross-section of the pad, illustrating the construction.

Similar characters of reference are used to indicate the same parts throughout the several views.

The improved pad has a vertical portion 1 which will serve as a brace for the knee and a horizontal portion 2 to keep the knee from the ground. The pad may be retained on the knee by flat bands 3 and 4. These bands may be of any suitable flexible material and either tied or provided with buckles or other fastening means.

The pad is provided with an outer member or covering 5 of rubber which will be impervious to moisture. The outer member 5 is vulcanized to a fabric member 6 which

may consist of a plurality of layers of cloth or fabric which is impregnated with rubber and all vulcanized together. For the protection of the knee, a felt member 7 is vulcanized to the member 6 or attached thereto by some adhesive means. The felt member 7 should be of sufficient thickness to make the knee comfortable and distribute the pressure so that there will be no undue pressure on any part of the knee or adjacent part of the leg. It is apparent that the construction herein set forth will make a strong and durable knee pad which will protect the wearer. It is apparent that various changes in the sizes, proportions, and construction may be made without departing from my invention. The curved edges of the parts 1 and 2 are made integral or vulcanized together in integral formation so that the curvature will be maintained and they are not sufficiently flexible to fold on each other but sufficiently rigid to make braces for the knees.

What I claim, is,—

1. A knee pad comprising a fabric constituting the body of the pad, a felt lining therefor, and a rubber cover for said fabric, said fabric and felt rubber cover being curved to conform to the contour of the knee and all vulcanized together.

2. A knee pad comprising a plurality of layers of rubber impregnated cloth curved to conform to the contour of the knee of the wearer and vulcanized together, a felt lining vulcanized to the interior of said fabric, and a rubber cover vulcanized to the exterior of said fabric.

3. A knee pad comprising a curved tread member and an upright curved bracing member substantially rigid with each other and composed of an impregnated fabric and an exterior rubber cover vulcanized thereto, and a felt lining therefor vulcanized thereto, the curved edges of tread member and said bracing member being vulcanized together at their point of juncture.

In testimony whereof, I set my hand, this 23rd day of September, 1920.

CHARLES L. CLARKE.