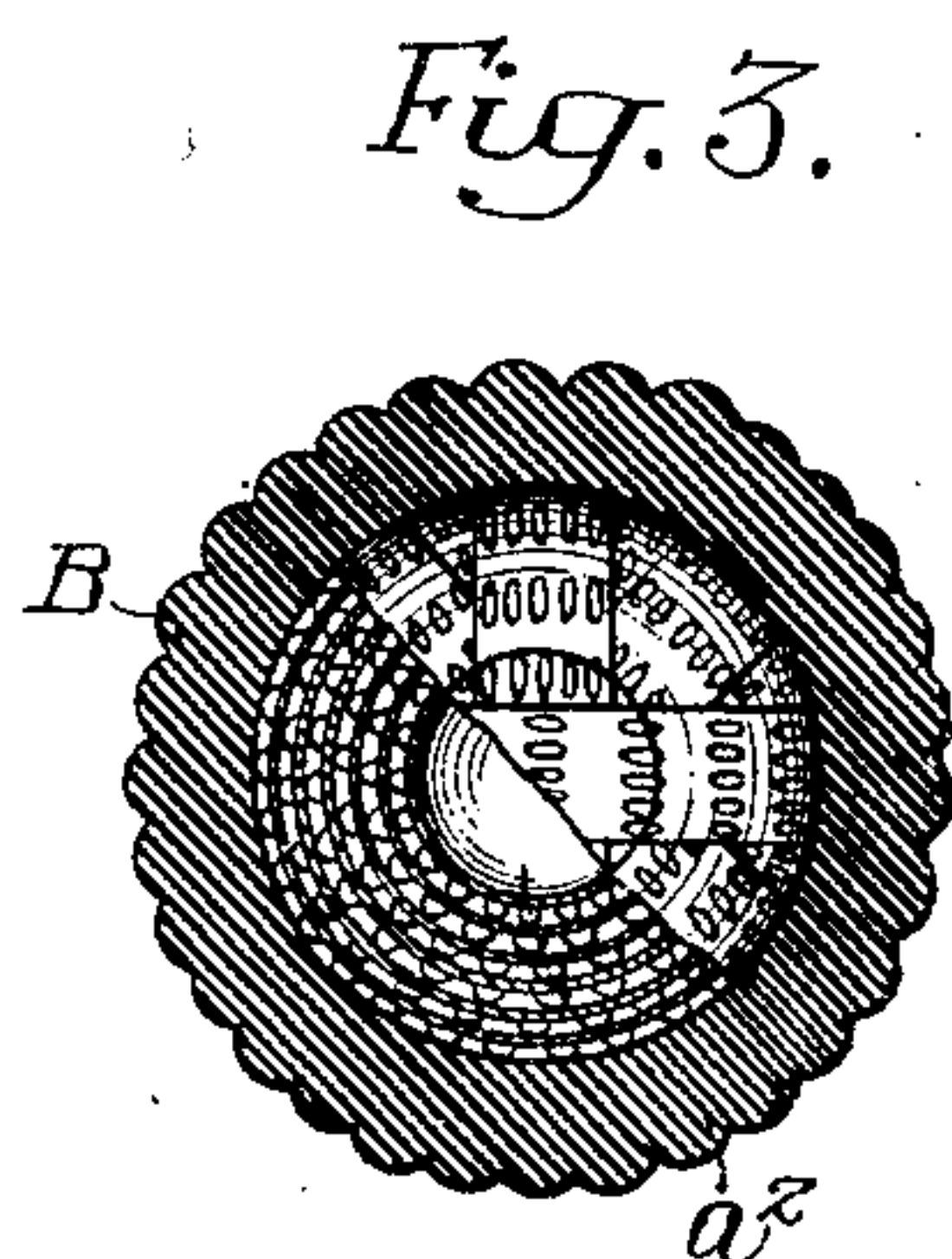
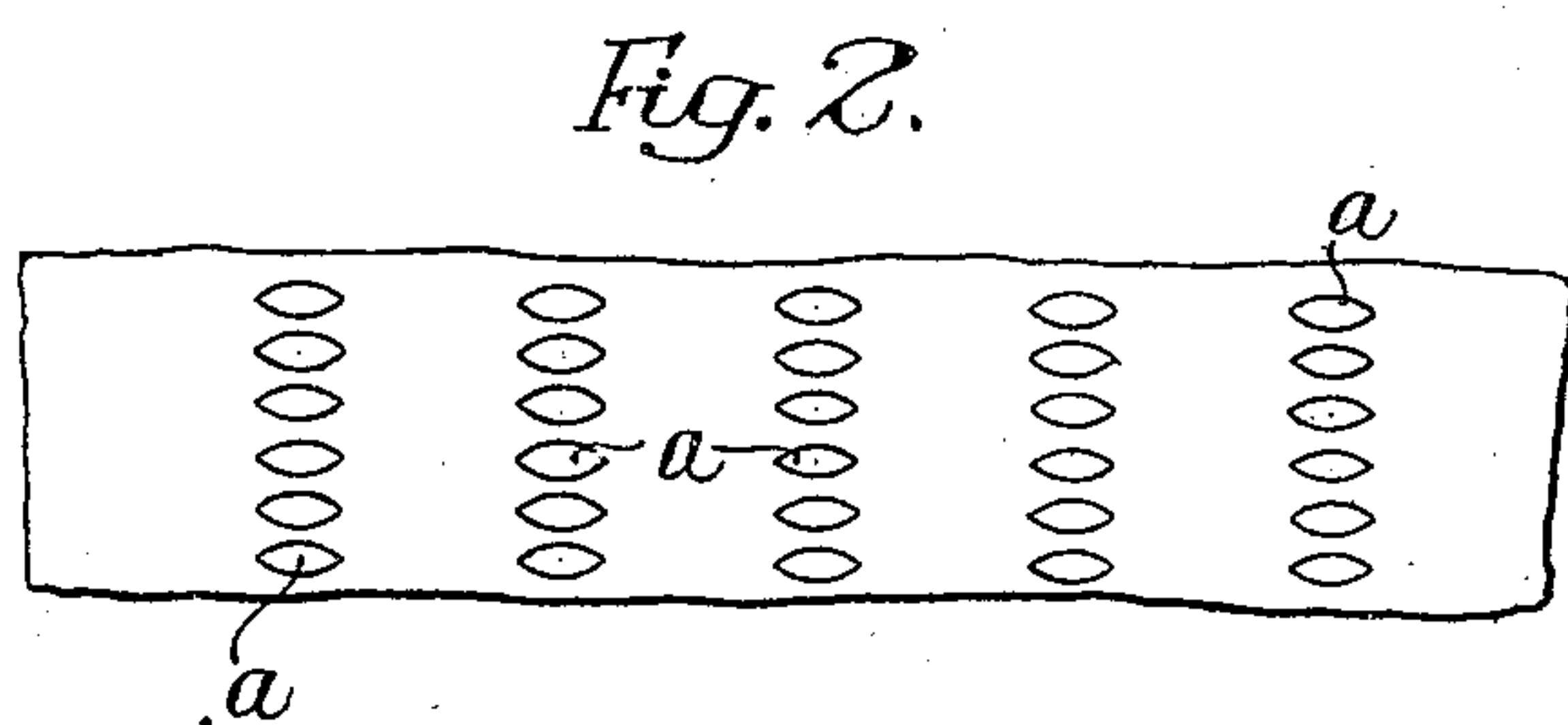
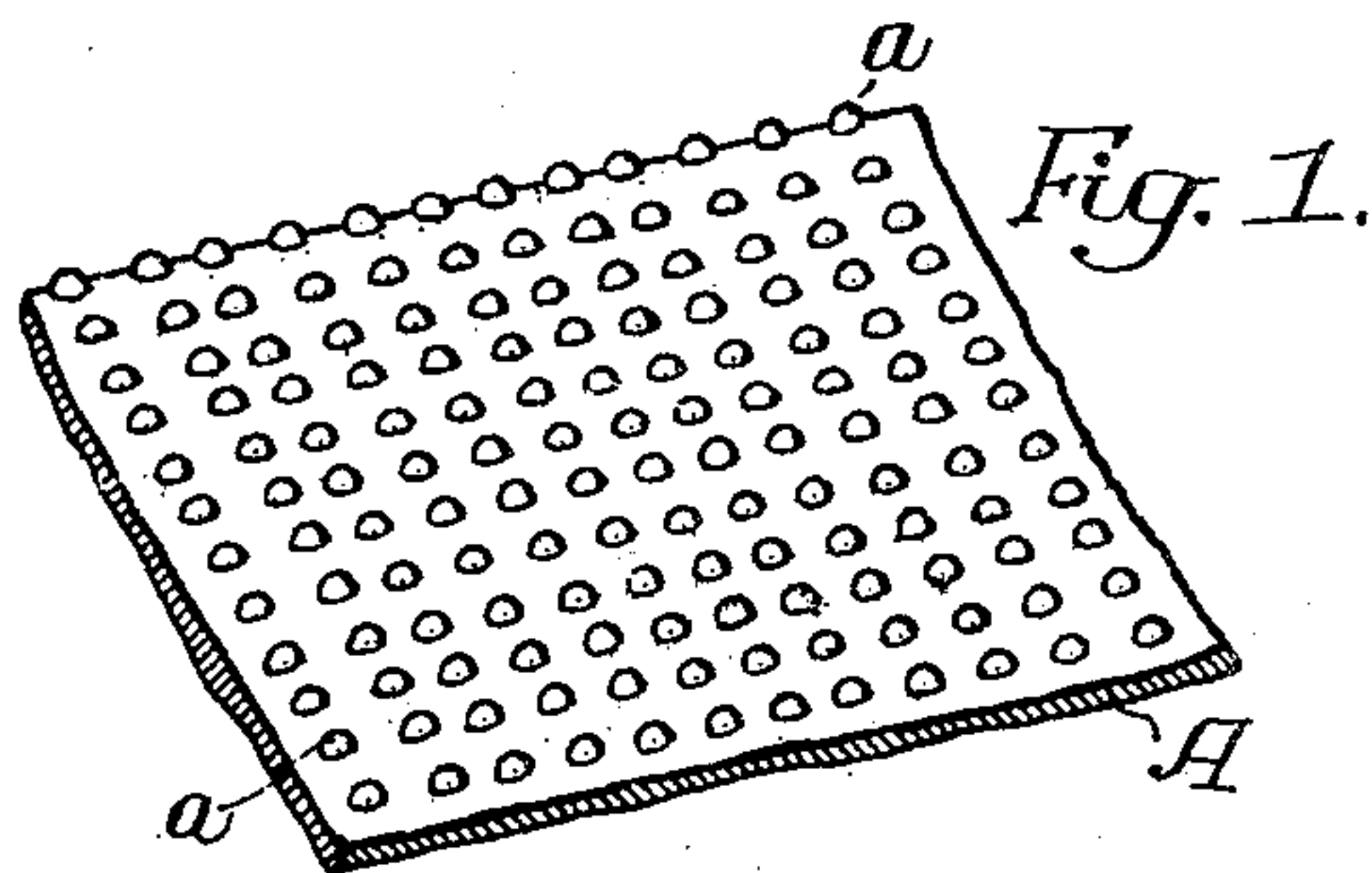


J. H. ROGER.
 BALL USED FOR GOLF AND LIKE GAMES.
 APPLICATION FILED JAN. 28, 1908.

920,653.

Patented May 4, 1909.



Witnesses:-

Walter Chism.

Wille A. Burrows

Inventor:-

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by his Attorneys:-

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UNITED STATES PATENT OFFICE.

JAMES H. ROGER, OF GLASGOW, SCOTLAND.

BALL USED FOR GOLF AND LIKE GAMES.

No. 920,653.

Specification of Letters Patent.

Patented May 4, 1909.

Application filed January 28, 1908. Serial No. 413,085.

To all whom it may concern:

Be it known that I, JAMES HENRY ROGER, wine merchant, a subject of the King of Great Britain and Ireland, and a resident of Glasgow, Scotland, have invented certain new and useful Improvements in Balls Used in Golf and Like Games, of which the following is a specification.

This invention has reference to improvements in balls used in golf and like games and essentially relates to the rubber bands, tapes, strips or sheeting which are wound under tension over the usual solid, liquid, rubber pellets, and other center cores.

One object of my invention is to provide a golf ball having a relatively high resiliency which shall be of a durable and substantial construction. This object I attain in the following manner, reference being had to the accompanying drawings, in which:—

Figure 1, is a perspective view illustrating a body of tape having its surface provided with "paps" or "bramble" projections; Fig. 2, is a plan illustrating the tape shown in Fig. 1 when under tension; and Fig. 3, is a section elevation of a golf ball in which my invention is incorporated.

In the above drawings A represents a rubber band, tape, strip or sheet provided with projections *a* which when subjected to tension assume the forms shown in Fig. 2. Such a band, tape, etc. is wound under tension around a center nucleus or core *a*² so that when a ball of predetermined size is formed

it will be seen that between the various projections are numbers of air cells. Over this wound portion of the ball there is then mounted the usual gutta percha or other form of cover indicated at B.

It is of course obvious that the projections *a*, which are preferably of a substantially hemi-spherical shape, may be placed at any desired distance apart in order to secure the proper resiliency, which is due partly to the material of which the ball is formed and partly to the provision of the numerous air cells which exist between the projections.

What I claim as my invention and desire to secure by Letters Patent is:—

1. A golf ball comprising a central core having wound thereon under tension an elastic band provided with a plurality of raised substantially hemi-spherical projections forming air cells between the layers.

2. A golf ball of the character described, comprising a central core having wound thereon under tension an elastic band having a plurality of transverse rows of raised hemi-spherical paps or projections to form air cells between the layers when superposed, and an outer protecting cover therefor.

In testimony whereof I have signed my name to this specification, in the presence of two subscribing witnesses.

JAS. H. ROGER.

Witnesses:

R. C. THOMPSON,
WM. RUTHERFORD.