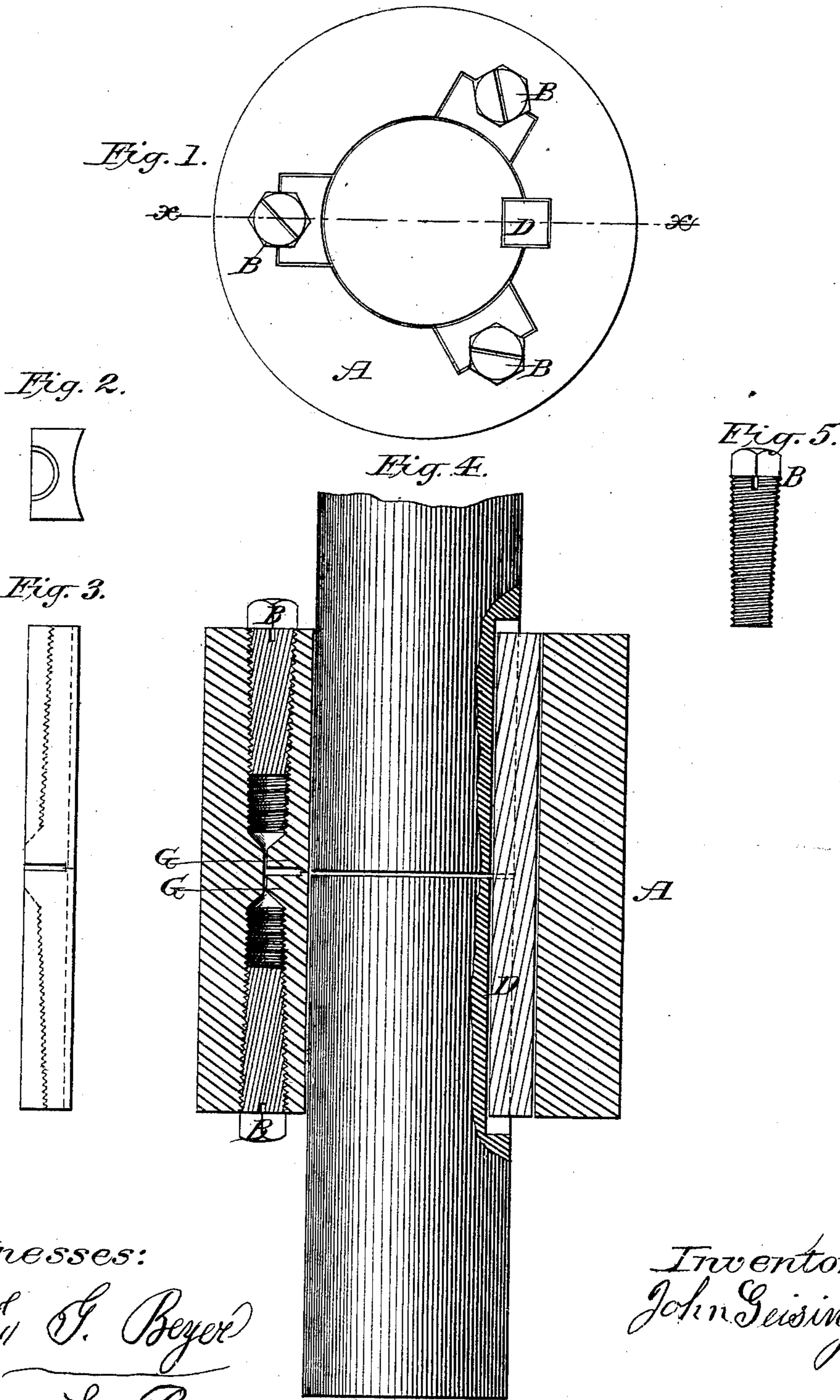


J. GEISINGER.
Shaft-Coupling.

No. 223,335.

Patented Jan. 6, 1880.



Witnesses:

Thos. G. Beyer

Thos. L. Burne

Inventor:
John Geisinger

UNITED STATES PATENT OFFICE.

JOHN GEISINGER, OF PHILADELPHIA, PENNSYLVANIA, ASSIGNOR OF ONE-HALF OF HIS RIGHT TO PEMBROKE D. HARTON, OF SAME PLACE.

SHAFT-COUPLING.

SPECIFICATION forming part of Letters Patent No. 223,335, dated January 6, 1880.

Application filed October 17, 1879.

To all whom it may concern :

Be it known that I, JOHN GEISINGER, of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a
5 new and useful Improvement in Shaft-Couplings, which improvement is fully set forth in the following specification and accompanying drawings.

10 The invention relates to an independent adjustable coupling for connecting shafts of different diameters.

The invention consists of three independent sectional blocks, placed at equal distances apart at each end of body of coupling, each
15 sectional block running half-way through body of coupling and meeting in the center.

20 Directly between body of coupling and sectional blocks are inserted tapering screw-bolts, upon which are formed squares on the outer ends, and operated by means of a socket-wrench.

In the accompanying drawings, in which similar letters of reference indicate like parts, Figure 1 is an end view of the coupling. Fig.
25 2 is end view of sectional blocks. Fig. 3 is a longitudinal view of the same. Fig. 4 is a longitudinal section of the coupling. Fig. 5 is a longitudinal view of the tapering screw.

30 A is the body of coupling. B B are tapering screws. G G are the sectional blocks, fitted into slots or grooves in the body A, and

forming part of the same. D D are keys fitted in keyways in both the coupling and shaft opposite G G.

Now it can readily be seen that with the
35 two ends of the shaft inserted in the coupling, with the key D D in place, by applying the wrench to the taper-screw B B the loose sectional blocks G G will be driven, one independent of the other, with great force upon
40 the shaft, holding it like a vise; while, at the same time, should the shaft vary in size, it can readily be adjusted and held perfectly true or central by operating one or the other of the
45 tapering screws, as the coupling may require.

Having thus described my invention and its application, what I claim as new and useful, and desire to secure by Letters Patent, is—

A shaft-coupling consisting of three independent sectional blocks, G G, placed at equal
50 distances apart and running longitudinally half-way of the body of coupling from each end and meeting in center, operated at each end by means of tapering screw-bolts inserted directly between coupling or sleeve A and
55 sectional blocks G G, the whole being arranged substantially as and for the purpose herein mentioned.

JOHN GEISINGER.

Witnesses:

H. T. SHEPPARD,
WM. KELLY.