C. G. ROWELL.
Shaft-Coupling.

No. 202,473. Patented April 16, 1878.

Fig. 1.

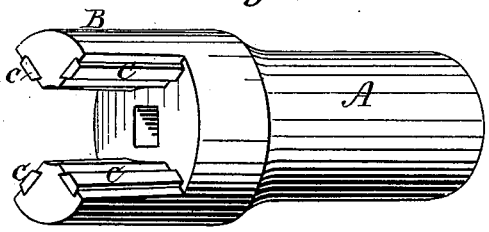


Fig. 2.

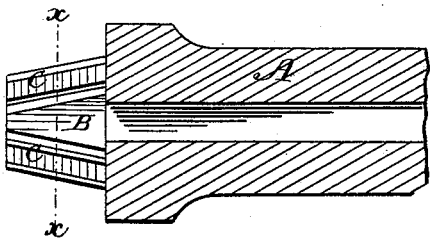
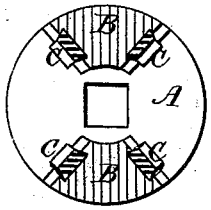


Fig. 3.



Witnesses:
E. E. Masson
W. J. England.

Inventor:
Curtis G. Rowell,
By T. C. Woodward,
Atty.

UNITED STATES PATENT OFFICE.

CURTUS G. ROWELL, OF DALLAS, OREGON.

IMPROVEMENT IN SHAFT-COUPLINGS.

Specification forming part of Letters Patent No. **202,473**, dated April 16, 1878; application filed February 19, 1878.

To all whom it may concern:

Be it known that I, CURTUS G. ROWELL, of Dallas, in the county of Polk, in the State of Oregon, have invented a new, useful, and important Improvement in Shaft-Couplings, as shown, described, and claimed in this specification.

Shaft-couplings are subjected to great strain, and their bearing-surfaces frequently become so much worn and crushed that the whole coupling has to be replaced.

To overcome this difficulty is the object of my invention, which consists in steel bearing-surfaces cast in the jaws of the coupling, or set therein so as to be removed and replaced.

Figure 1 is a perspective view of one part of a shaft-coupling, showing the steel bearings slightly projecting from the surfaces of the jaws. Fig. 2 is a longitudinal section of the same. Fig. 3 is a transverse section thereof on line *x x* of Fig. 2. A represents one part of a shaft-coupling having jaws B, with steel bearings C cast in the jaws.

Dovetail channels may be cut in the jaws of couplings, and steel bearings of proper dimensions may be inserted therein and properly secured, so as to be removed and replaced without injury to the coupling.

Shaft-couplings having steel bearings cast in the jaws, or otherwise properly secured therein, are very durable.

The jaws of the coupling may be made tapering and beveled to insure a close fit. The dovetail-grooves and the steel bearings may also be made tapering for the same purpose.

I claim—

1. A shaft-coupling the jaws of which have steel bearing-surfaces, substantially as described.

2. A shaft-coupling the jaws of which are tapering and have steel bearing-surfaces, substantially as described.

3. A shaft-coupling the jaws of which are tapered and beveled and have steel bearing-surfaces, substantially as shown and described.

Signed by me in the presence of two attesting witnesses at Dallas, in the county of Polk, in the State of Oregon, this 8th day of January, A. D. 1878.

CURTUS G. ROWELL.

Witnesses:
O. C. BECK,
C. W. TEAL.