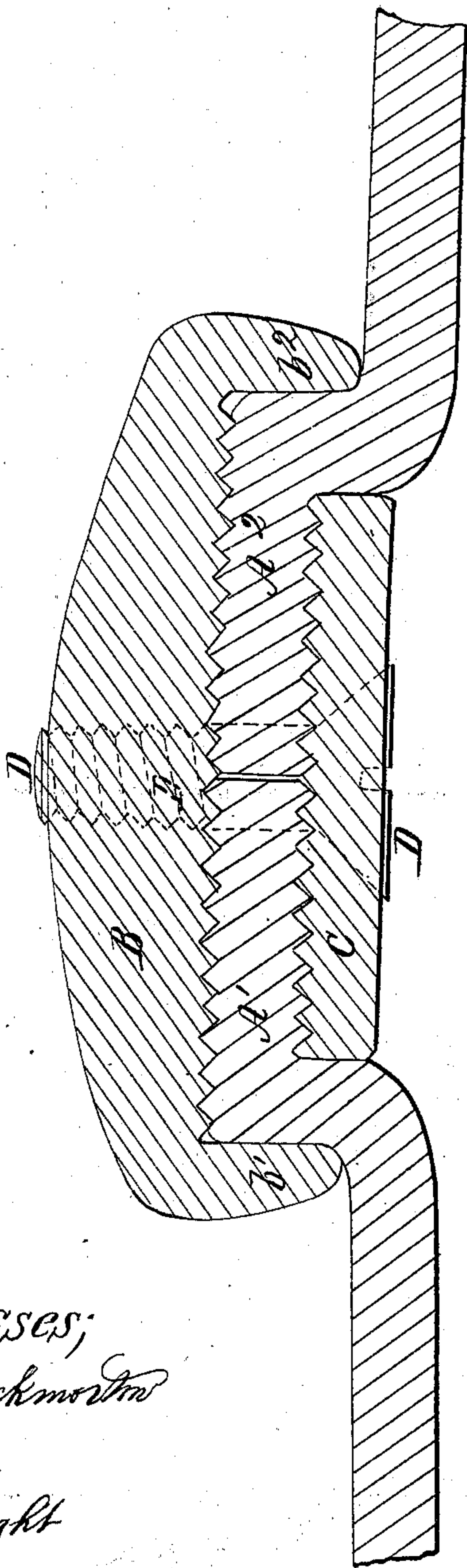


G. Cuppers,

Belt Fastener.

N^o 42,170.

Patented Apr. 5, 1864.



Witnesses;
H. W. Throckmorth
Geo C Lambright

Inventor;
G. Cuppers
by his attorney
Thomas D Stetson

UNITED STATES PATENT OFFICE.

GUSTAVUS CUPPERS, OF NEW YORK, N. Y.

IMPROVEMENT IN BELT-CLASPS.

Specification forming part of Letters Patent No. 42,170, dated April 5, 1864; antedated March 23, 1864.

To all whom it may concern:

Be it known that I, GUSTAVUS CUPPERS, of the city and county and State of New York, have invented a new and Improved Clasp for Holding the Ends of Belting for Driving Machinery; and I do hereby declare that the following is a full and exact description thereof, reference being had to the accompanying figures, which represent an edge view of a belt with the clasp properly applied.

A' represents one end, and A² the opposite end, of a belt. The purpose of my invention is to strongly hold these ends together.

B is the outer cheek of my clamp, and C is the inner cheek thereof.

D is a screw or a line of screws which hold B and C firmly together.

The ends of the cheek B are armed with lips b' b², which stand at right angles to the interior face of B, and are adapted to overhang the ends of the inner cheek in the manner represented, so as to compel the ends

A' A² to bend at right angles, or nearly so, in the spaces between C and B b', and between C and B b². These angular bends in the belt assist in maintaining a firm union of the parts. The inner faces of B and C may be corrugated or ridged transversely, as represented, and two or more lines of screws, D, or equivalent fastenings, may be used instead of one line, if preferred.

Having now fully described my invention, what I claim as new, and desire to secure by Letters Patent, is as follows:

The construction and use of belt-clasps formed as herein described, the material of the belt being bent at a right angle, or nearly so, between the lips b' b² and the bodies B and C for the purpose herein set forth.

GUSTAVUS CUPPERS.

Witnesses:

G. N. CUPPERS, Jr.,
CHRISTIAN VON HENE.