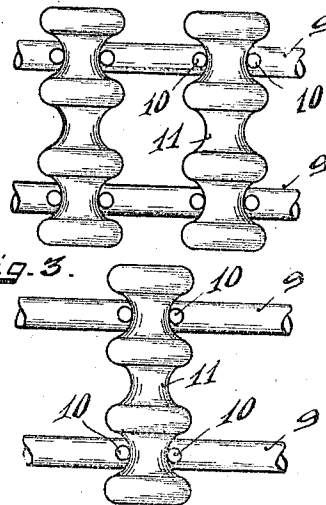
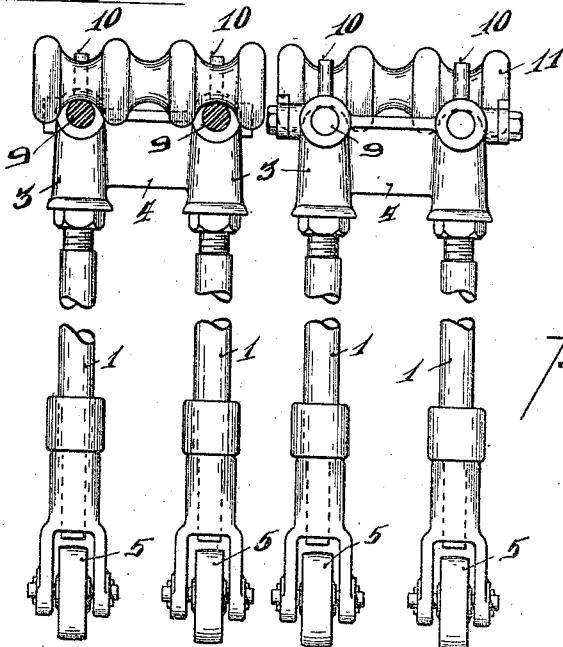
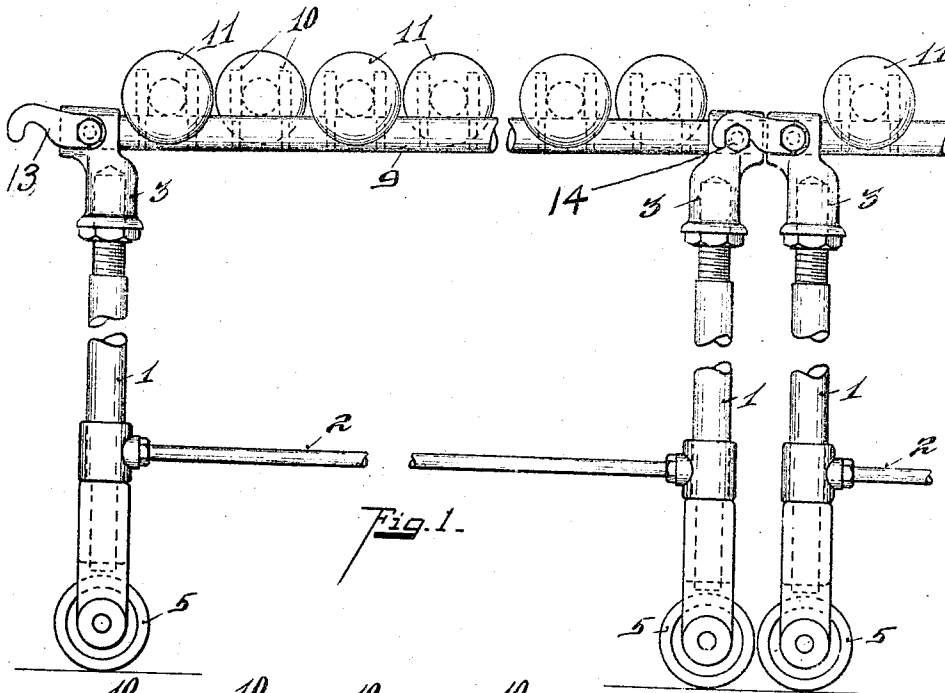


W. L. BODMAN.
CONVEYER.
APPLICATION FILED JUNE 7, 1909.

1,004,976.

Patented Oct. 3, 1911.



Inventor

Witnesses

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UNITED STATES PATENT OFFICE.

WALTER L. BODMAN, OF COVINGTON, KENTUCKY, ASSIGNOR TO ISAAC RHEINSTROM,
OF CINCINNATI, OHIO.

CONVEYER.

1,004,976.

Specification of Letters Patent.

Patented Oct. 3, 1911.

Application filed June 7, 1909. Serial No. 500,699.

To all whom it may concern:

Be it known that I, WALTER L. BODMAN, a subject of the Kingdom of Great Britain, residing at Covington, in the county of Kenton and State of Kentucky, have invented certain new and useful Improvements in Conveyers, of which the following is a specification.

My invention relates to a conveyer, primarily adapted for use in breweries, or other analogous arts, in which it is desirable to transport crates of bottles or like articles from one point to another.

The object of the invention is to provide a series of stands adapted to be linked together and each carrying anti-friction or rolling mechanism, forming a continuous incline-plane when the stands are connected and upon which the articles can be placed and automatically transmitted by gravity along the inclined chute-way.

The features of the invention are more fully set forth in the description of the accompanying drawings, forming a part of this specification, in which:—

Figure 1 is a side elevation. Fig. 2 is an end elevation. Fig. 3 is a top plan view of the device.

Each stand preferably consists of four upright legs 1. They are connected by longitudinal rods 2. The upper ends of the legs are screw threaded.

3 represents brackets adjustably secured thereto, connected by transverse rails 4, coupling two legs together. The adjustment permits the top of the stand to be given a suitable incline. A roller 5 is journaled at

the end of each leg, so that the stand as an entirety is movable longitudinally. The front and rear legs on each side are connected respectively by the longitudinal rods 9, carrying the pins 10.

11 represents glass rollers of spool-shape rotatably held between each pair of pins, a single roller extending transversely across the stand. The stands are linked together by latches 13 engaging bolts 14. Each stand thus constitutes a unit, and the several units are linked together to form a continuous chute-way.

The stands can be conveniently separated and conveniently rolled to any part of the building and reunited to form the desired length of conveyance. The glass rollers are comparatively cheap and light, and have a low coefficient of friction.

Having described my invention I claim:—

1. A conveyer formed of a pair of cylindrical rods, a series of rollers journaled on said rods at intervals, each provided with convex carrying sections and concave bearing sections.

2. A conveyer formed of cylindrical rods supported at an incline, a series of rollers, each provided with convex carrying surfaces and concave bearing surfaces, journaled upon said rods at intervals at the concave bearing surfaces.

In testimony whereof, I have hereunto set my hand.

WALTER L. BODMAN.

Witnesses:

OLIVER B. KAISER,
EMMA SPENER.