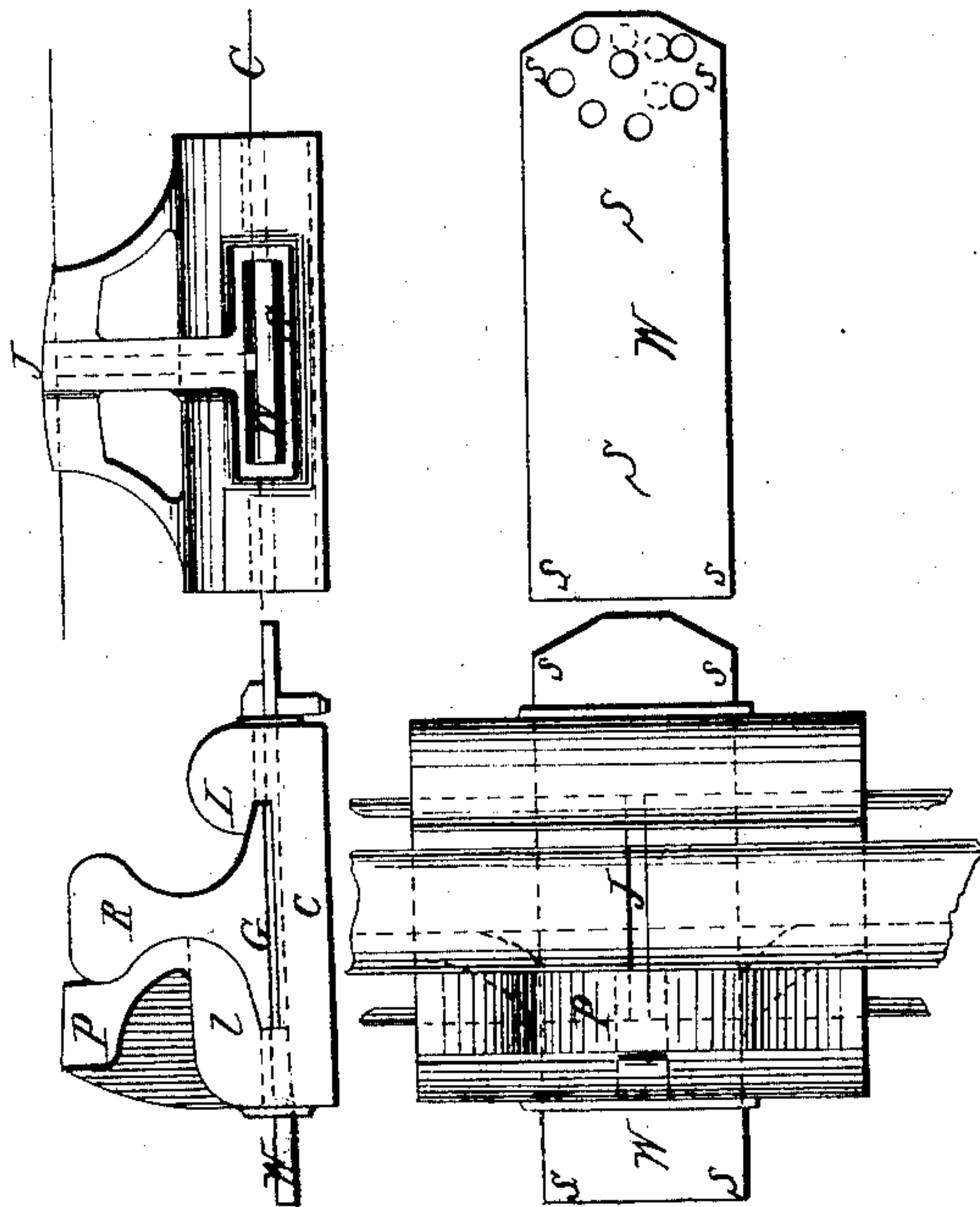
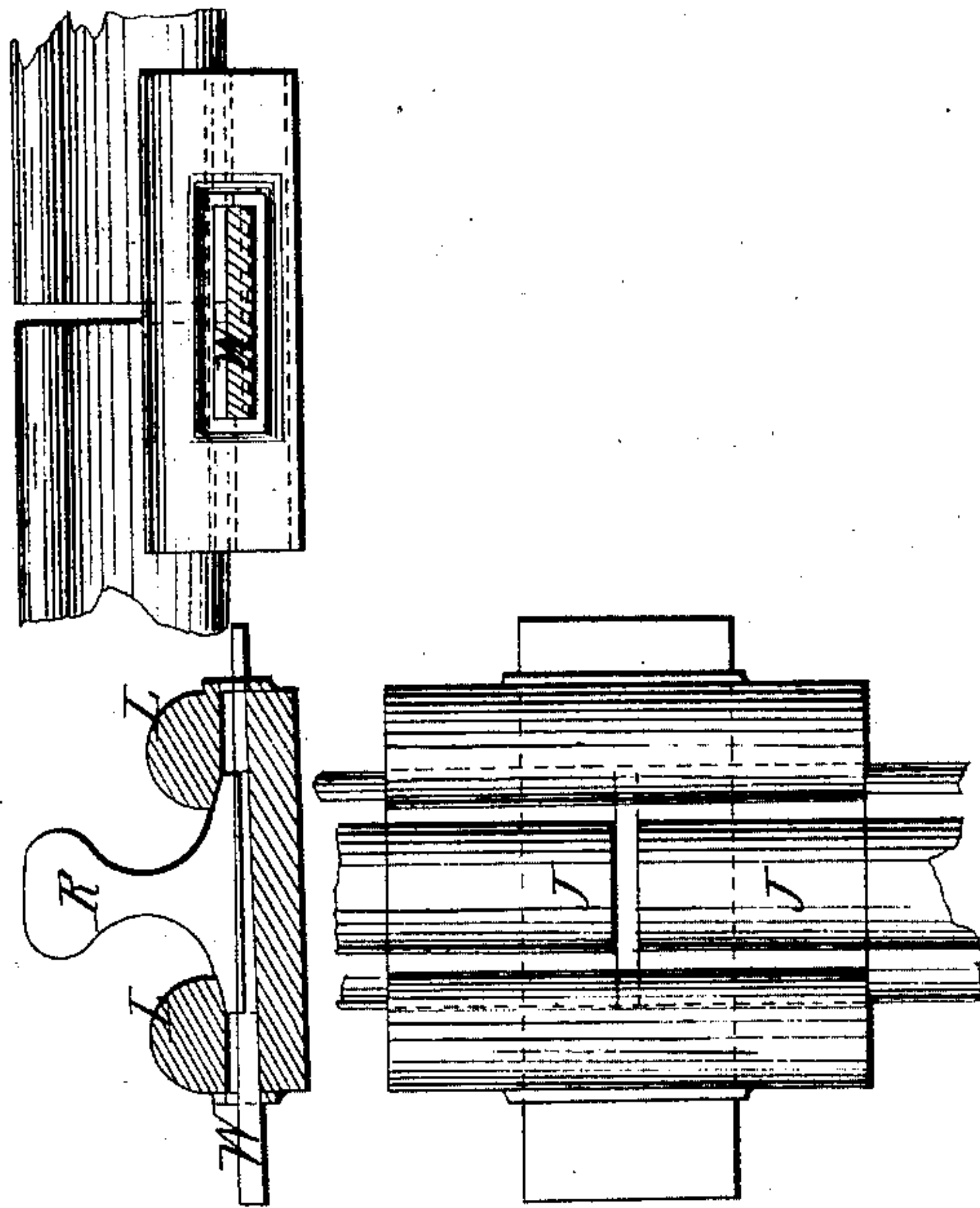


*T. Krausch.*

*Railroad Chair.*

*N<sup>o</sup> 20,472.*

*Patented Jun. 1, 1858.*



*Inventor.*  
*Thodore Krausch*

# UNITED STATES PATENT OFFICE.

T. KRAUSCH, OF SUSQUEHANNA DEPOT, PENNSYLVANIA.

## RAILROAD-CHAIR.

Specification of Letters Patent No. 20,472, dated June 1, 1858.

*To all whom it may concern:*

Be it known that I, THEODORE KRAUSCH, of Susquehanna Depot, in the county of Susquehanna and State of Pennsylvania, have  
5 invented an Improvement on Railroad-Chairs, called "Krausch's Railroad Transverse-Wedge Chair," of which the following is a full and exact description.

The improvement of the chair consists in  
10 its adaptation to, and the use of a system of transverse wedging, by one or more wedges or pieces of cast iron, wrought iron, wood, or any other metal or material, the use of which is explained by the accompanying  
15 drawings and model.

C, is the chair; R, the rail with the joint J, on center of the wedge W, whose surface is described by s, s, s, s, which being driven transversely in its seat S, acts on the base  
20 line G, of the rail, pressing it against the lips l, l, of the chair and thereby holding the rail firmly in its place, the chair to be of cast

or wrought iron or any other kind of metal, with or without side pieces P, or other device for relieving the ends of the rails from  
25 abrasion or injury by receiving the tread of the wheels while passing over the joints.

The chair with the improvement is intended either to make the joint of rail between or on the cross ties. 30

I do not claim for my invention the particular form of chairs above described alone, but

What I claim as my invention is,

The adaptation of a chair to, and the use, 35 of transverse wedging as above described, or, by gibbs or, if in one, two, or more parts, by bands, or by whatever other mode transverse wedging may be accomplished.

THEODORE KRAUSCH.

Witnesses:

JOHN HILTON,  
EDWARD MARCUS.