

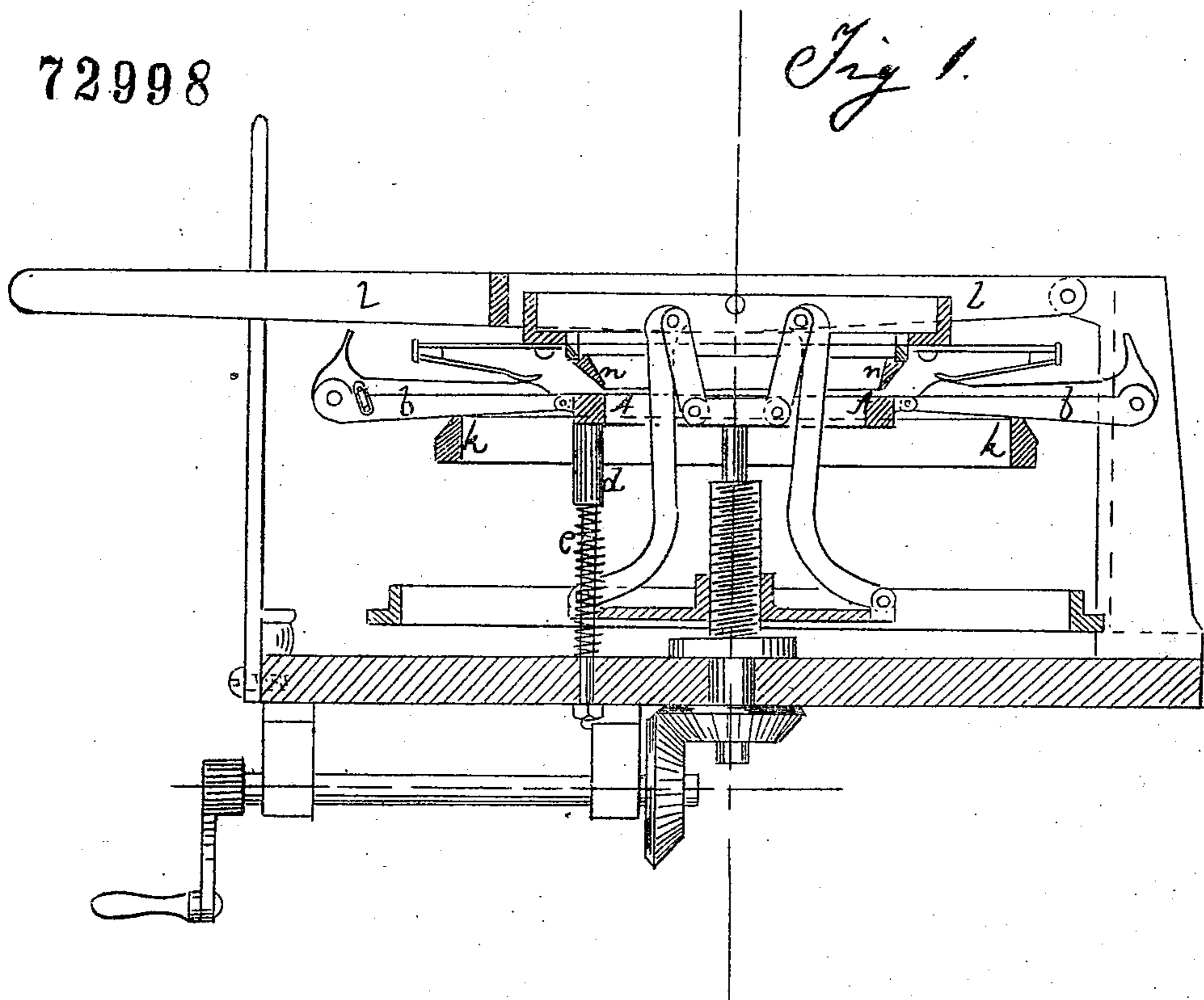
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*W. C. Griswold's Imp<sup>ts</sup> in Hatblocking Mach's*

72998

*Fig 1.*

PATENTED  
JAN 7 1868



*W. A. Neff  
Albert L. Hawk  
Setts M. Eldredge*

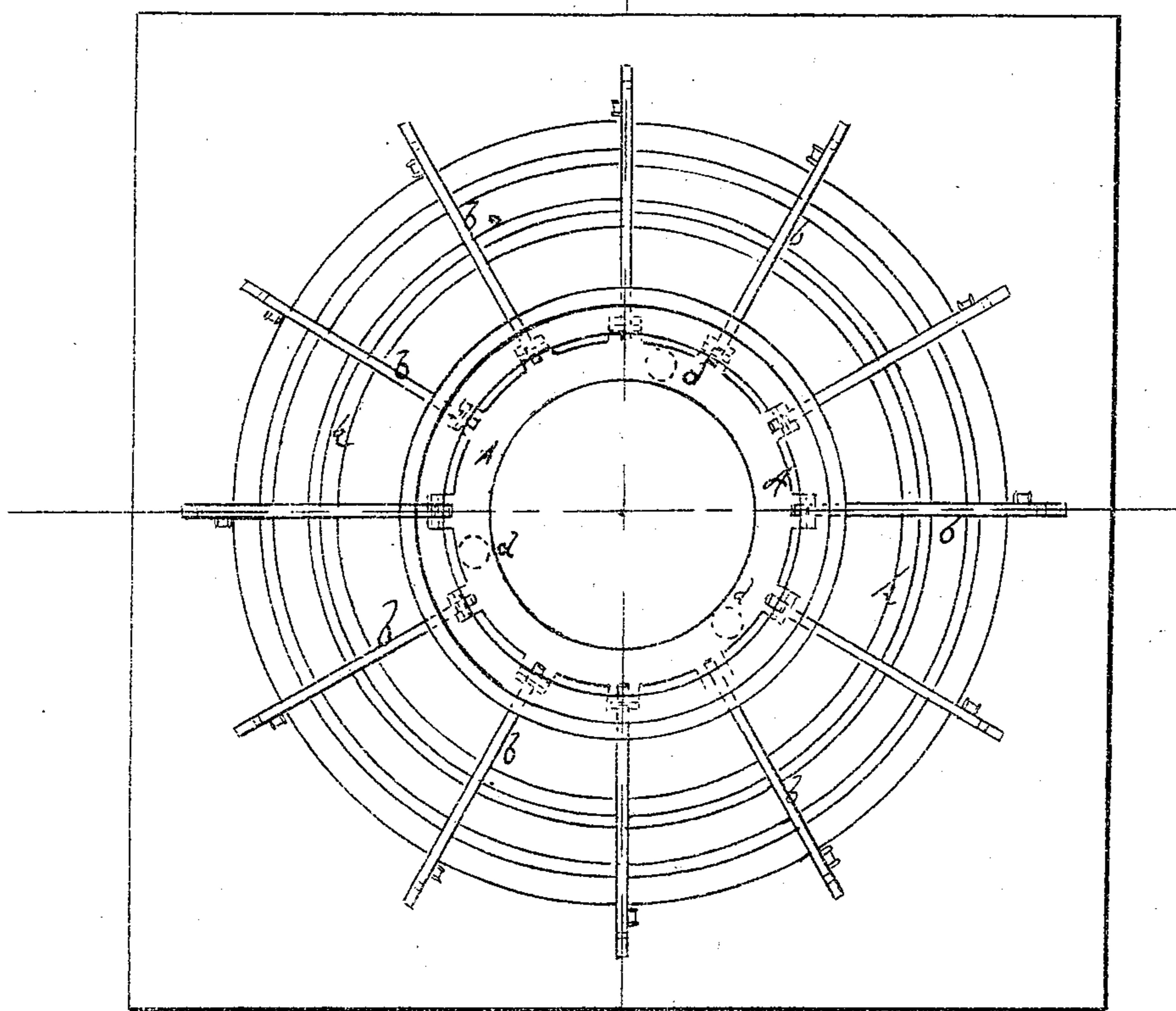
*W. C. Griswold*

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W. C. Griswold's. Impr<sup>ts</sup> in Hat blocking Mach's.

Patented Jan. 7. 1868

Fig 2,



Witnesses  
Albert H. Clark  
Settis M. Edwards

W. C. Griswold

# United States Patent Office.

WILLIAM C. GRISWOLD, OF NEW YORK, N. Y.

*Letters Patent No. 72,998, dated January 7, 1868.*

## IMPROVEMENT IN HAT-BLOCKING MACHINES.

*The Schedule referred to in these Letters Patent and making part of the same.*

Be it known that I, WILLIAM C. GRISWOLD, of the city, county, and State of New York, have invented a new and useful Improvement in Hat-Blocking Machines, of which the following is a full and clear description, reference being had to the annexed drawings, of which—

Figure 1 is a vertical section through the centre of the machine, and

Figure 2 a plan view of the clamps, the ring to which said clamps are hinged, and of the ring for raising the clamps.

My invention is an improvement calculated to simplify the mechanism for breaking the band, and it consists in resting the ring A, to which the clamps *b* are hinged, upon spiral springs *c*, which surround the three posts *d*, which support said ring A. When the lever *l* and its band-ring *n* is lowered down upon the hat-body, on the machine, and the clamps *b* raised up to a horizontal position by means of ring *k*, the crown and the brim of the hat are stretched, but the band is not sufficiently broken; and to effect this the lever *l* and band-ring *n* are forced down still lower, and, as the ring A rests upon springs, it is capable of yielding downward with the motion of said band-ring *n*. The ring *k*, which keeps the clamps up in a horizontal position, must also yield, with the whole system of band-ring clamps, &c.

Having now fully described my invention, what I claim therein, is—

The ring A, to which the clamps are hinged when elastically seated, substantially as and for the purpose specified.

W. C. GRISWOLD.

Witnesses:

ALBERT H. HOOK,  
SETH M. ELDREDGE.