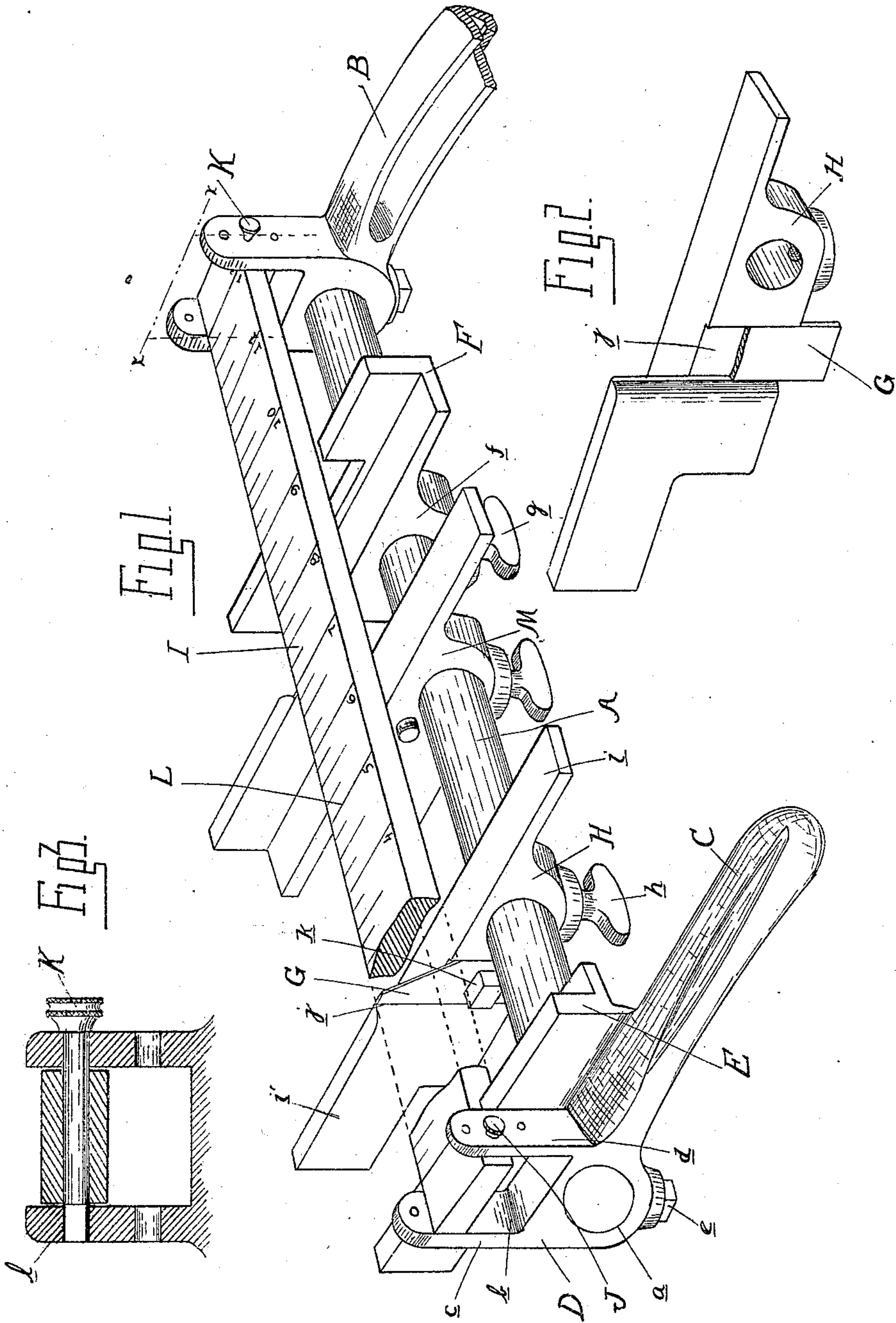


A. J. CALLAGHAN.  
CUTTING IMPLEMENT.  
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Witnesses  
J. D. Ford  
James P. Barry.

Inventor  
Andrew J. Callaghan  
By *William H. Hulbert*  
Attys



# UNITED STATES PATENT OFFICE.

ANDREW J. CALLAGHAN, OF JACKSON, MICHIGAN.

## CUTTING IMPLEMENT.

No. 916,993.

Specification of Letters Patent.

Patented April 6, 1909.

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*To all whom it may concern:*

Be it known that I, ANDREW J. CALLAGHAN, a citizen of the United States of America, residing at Jackson, in the county of Jackson and State of Michigan, have invented certain new and useful Improvements in Cutting Implements, of which the following is a specification, reference being had therein to the accompanying drawings.

The invention relates to a tool especially designed for cutting leather or similar material, and particularly adapted in this instance for trimming the edges of leather belts for the purpose of straightening the latter, or for cutting the belt into any desired width or widths, and it consists in the novel and peculiar construction of the tool, in the peculiar arrangement and combination of its parts, and in various details of construction as will be more fully hereinafter set forth.

In the drawings,—Figure 1 is a perspective view of my improved cutting tool, partly in section; Fig. 2 is a detached perspective view of the cutter proper; and Fig. 3 is a section taken on line *x—x* of Fig. 1.

The tool is preferably constructed in the form of a draw-gage, comprising an elongated main or supporting section A and handle sections B and C connected to and extending from one side of the support as shown. Each handle section is formed with a head, as D, transversely apertured, as at *a*, to receive the support, and recessed in its upper portion, as at *b*, forming spaced upstanding ears or lugs *c* and *d*. The head, as shown, is removably connected to the support, and is held thereto by means of a set-screw, as *e*.

E and F represent guide members operatively associated with the support, and adapted to receive the belt or other article that is to be cut and guide the same to the cutter blade or blades. These guides are relatively adjustable so as to receive articles of different width, and are preferably mounted directly upon the supporting bar A as shown. Each guide is of angle-shaped configuration, and the guide E is preferably fixed, being formed integral with the handle C. The complementary guide F is adapted to slide longitudinally upon the support, and is provided with an apertured section *f* for this purpose, and with a set-screw or thumb-nut, as *g*, by means of which the guide is held to the support in its different positions of adjustment.

G represents the cutter proper in the form

of a knife blade which is adjustable in relation to the support, and is carried preferably by a guide bracket, as H, sleeved upon the bar A and held thereto in any desired position by means of a thumb-nut, as *h*. The bracket, as shown, has a flat top, as *i*, extending forwardly of the tool in the direction of the handles, which forms a part of the support for the article before it has been cut or trimmed, and is further provided with a guide section *i'*, preferably integral with the bracket, which is recessed on one side, as at *j*, to receive the knife, the latter being held within the recess by a suitable bolt, as *k*, and in alinement with the upstanding portion of the guide, as shown.

Means are provided in the form of a retaining bar, as I, for holding the belt or other article that is to be cut or trimmed in operative relation to the cutter, and to permit the ready application of the tool to an endless belt the retaining bar is arranged for rocking movement, so that it may be raised to permit the insertion of the belt and afterwards dropped into its operative position. The bar is arranged at each end between the upstanding ears previously described, and to permit of the rocking movement described is pivoted at one end to a pair of the ears by a pin J. A similar pin K at the opposite end of the bar serves as a lock for holding the bar in its operative position.

As the thickness of the article or belt to be cut or trimmed varies, I have provided means for adjusting the bar in relation to the support, and the preferred means of adjustment consists of a vertical series of openings, as *l*, in each ear, the pin J being of a length to extend entirely through each pair of ears and through the intermediate portion of the retaining bar. In this manner, the bar may be raised or lowered in relation to the support as needed in order to accommodate the tool to different thicknesses of work.

In practice, where the belt or other article is to be cut on one edge only, or where a strip of any desired width is to be cut from the belt, a single cutter is employed. The adjustable guide F is moved along the support until the distance between the same and its complementary guide is equivalent to the width of the belt to be trimmed. The cutter is then properly adjusted to cut the desired width of strip. The exact adjustment may be effected through the agency of a scale, as L, preferably arranged upon the top of the



retainer bar. The tool is applied to the belt by swinging the retainer bar upwardly to permit of the belt insertion, and afterwards replacing the retainer and inserting the  
5 cutter blade within the material to be operated on. Then, by drawing the tool along the belt, the trimming or cutting is effected.

In cases where it is desired to trim both edges of the belt, a complementary cutter M  
10 is employed, which is of the same construction as that already described. The belt guides E and F are adjusted in the same manner as previously set forth for the original width of belt, and the complementary  
15 cutters are adjusted in relation to the guides to remove from the edges of the belt the width of strip desired.

When it is intended to trim only one side of the belt, or to cut a strip from the side  
20 portion, one of the cutters may be removed from the support by detaching its adjacent handle section and the rest of the tool used in the manner previously described.

What I claim as my invention is,—

25 1. In a cutting tool, the combination with a support, of a rigidly supported retaining member adjustable in different planes substantially in parallelism therewith, and a cutting member operatively associated with  
30 and adjustable in relation to the guide and support.

2. In a cutting tool, the combination with an elongated support, of a retaining member mounted substantially in parallelism there-  
35 with for relative rocking or swinging movement, and a longitudinally adjustable cutting member operatively associated with said support.

3. In a cutting tool, the combination with  
40 a supporting bar, of a retaining bar in transverse alinement with and pivoted at one end to the support, transverse guide members relatively adjustable longitudinally of the support and arranged thereon, and a cutting  
45 member upon said support intermediate the guides.

4. In a cutting tool, the combination with a support, of a retaining member operatively associated therewith, guides upon and ad-  
50 justable relatively longitudinally of the support, and a cutter adjustable in relation to the support.

5. In a cutting tool, the combination with a support, of relatively adjustable guides  
55 associated therewith, and a cutter inter-

mediate and independently adjustable in the direction of adjustment of the guides.

6. In a cutting tool, the combination with a support, of guides adjustable relatively  
60 longitudinally of the support, a retaining member, and complementary cutters intermediate the guides and having an independent adjustment in the direction of adjust-  
ment of said guides.

7. In a cutting tool, the combination with  
65 a supporting bar, of handle sections connected to and projecting from one side of the bar, a retaining bar extending substantially in parallelism with the support and connected to the handle sections, movable  
70 guides upon the support adjustable longitudinally thereof, and a longitudinally adjustable cutter intermediate the guides.

8. In a cutting tool, the combination with a supporting bar, of handle sections con-  
75 nected to and projecting from one side of the bar, a retaining bar extending substantially in parallelism with the support and connected to the handle sections, movable guides upon and adjustable longitudinally  
80 of the support, and complementary cutters associated with the support and adjustable in relation thereto.

9. In a cutting tool, the combination with a support, of a retaining bar substantially in  
85 parallelism with the support, relatively adjustable guides upon the support, a guide bracket also upon the support and adjustable longitudinally thereof, and a cutter blade carried by the bracket.  
90

10. In a cutting tool, the combination with a support, of a retainer associated therewith, relatively adjustable guides oper-  
atively associated with the support, comple-  
95 mentary guide brackets adjustably mounted upon the support, and a cutter blade carried by each guide bracket.

11. In a cutting tool, the combination with a support, of a retainer bar mounted substantially in parallelism therewith and  
100 adjustable in relation thereto, a scale upon the retainer bar, and a cutter adjustable longitudinally in relation to the support and bar.

In testimony whereof I affix my signature  
105 in presence of two witnesses.

ANDREW J. CALLAGHAN.

Witnesses:

NELLIE KINSELLA,  
JAMES P. BARRY.