

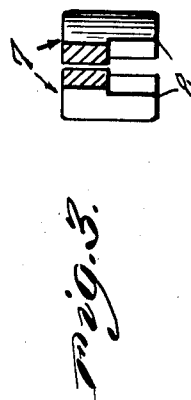
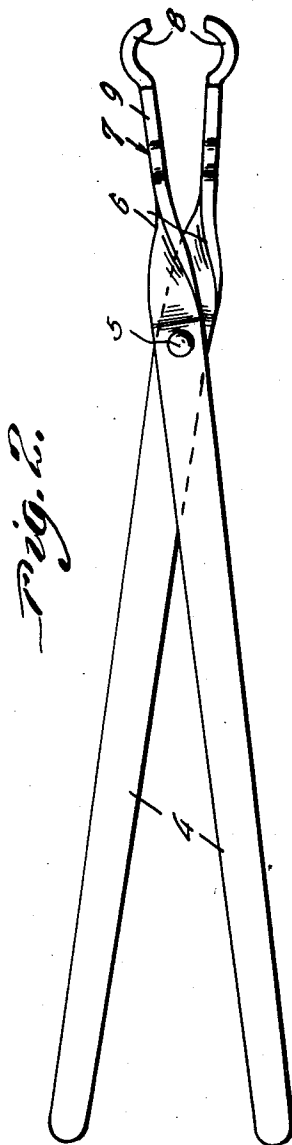
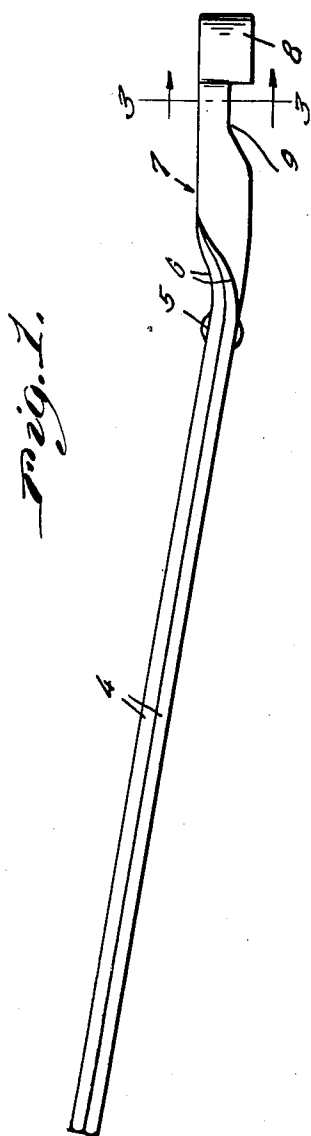
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PACKING PLACEMENT TOOL

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PACKING PLACEMENT TOOL

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2 Claims. (Cl. 81—8.1)

This invention relates to an improved tool which is especially, but not necessarily, adapted to expedite the proper placement of packing in a stuffing box or gland, for example, the type of gland used in conjunction with the circulating pump of a motor vehicle cooling system.

The purpose of the invention is to provide a simple and economical, thoroughly practical and up-to-date tool which is expressly designed to expedite correct placement of packing material in a gland of the type above specified.

Briefly stated, the preferred embodiment of the invention comprises a pair of intercepting pivotally connected handles formed at corresponding ends with especially shaped jaws capable of embracing the pump shaft and insertion into the gland, whereby to permit the packing to be effectively seated.

In the drawing:

Figure 1 is a top plan view of a tool constructed in accordance with the ideas and principles of the present invention.

Figure 2 is an elevational view at right angles to Figure 1.

Figure 3 is a detail section taken on the plane of the line 3—3 of Figure 1.

Referring now to the illustrative drawing by distinguishing reference characters, it will be observed that the companion parts of the tool are of duplicate construction. The parts are so made as to define a pair of levers including handles 4. The levers are disposed in crossed or intersecting relationship and pivotally connected together as indicated at 5. The outer end portions of the handles are twisted as indicated at 6 and bent into spaced parallel jaws 7 disposed at right angles to the handle. The jaws terminate in shaft embracing grips of generally semi-circular form so fashioned as to embrace the pump shaft (not shown). These grips are formed with duplicate extensions to fit into the packing gland (not shown) and adjacent the extensions are clearance notches 9 to permit of the grip to embrace the shaft and telescope into the gland for forcibly feeding the packing material therein.

Attention is invited to the arrangement whereby a flat metal strip may be used to form the aforesaid levers and jaw portions wherein the jaw portions are disposed in spaced parallelism through the intermediacy of the twisted or bent portion 6 in order to locate the complementary grips 8 in proper opposed relationship to embrace the pump shaft and enter the gland for

forcing and feeding the packing material with which the gland is provided.

In operation the packing is wrapped around the shaft adjacent the gland, the grips placed in position around the shaft and the same is telescoped into the gland forcibly feeding the packing material therein.

It is thought that persons skilled in the art to which the invention relates will be able to obtain a clear understanding of the invention after considering the description in connection with the drawing. Therefore, a more lengthy description is regarded as unnecessary.

Minor changes in shape, size, and rearrangement of details coming within the field of invention claimed may be resorted to in actual practice, if desired.

What is claimed is:

1. A packing placement tool of glands of the type specified comprising a pair of crossed pivotally connected levers fashioned at one end to provide a pair of handles and at their opposite ends to form a pair of duplicate jaws, the free end portions of said jaws being shaped to provide a pair of grips to embrace the pump shaft, the portions of the jaws adjacent the grips being notched to permit the jaws to telescope into the glands for forcibly feeding the packing material therein.

2. As a new article of manufacture, a packing placement tool of the character described comprising a pair of duplicate levers disposed intermediate their ends in crossed relationship and pivotally connected together, the levers being formed at one end into handles, the portions of the levers adjacent said pivot being twisted to define a pair of jaws, said jaws being arranged in spaced parallelism and at right angles to the handles, said jaws terminating in a pair of opposed semi-circular grips with protruding portions fashioned to fit into the gland, the portions of the jaws adjacent said grips being notched in the manner described.

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