Dec. 25, 1951 C. B. FISHER 2,579,812

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FIG. 2.

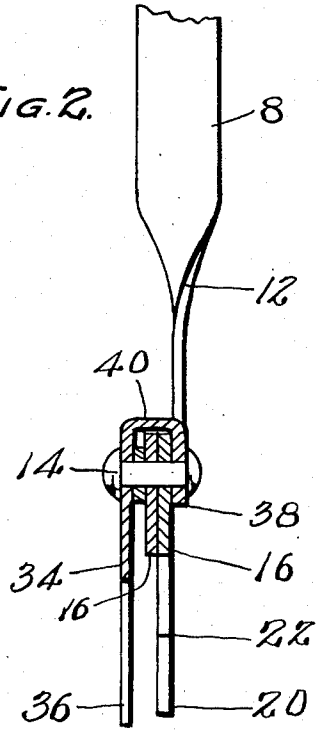


FIG 3.

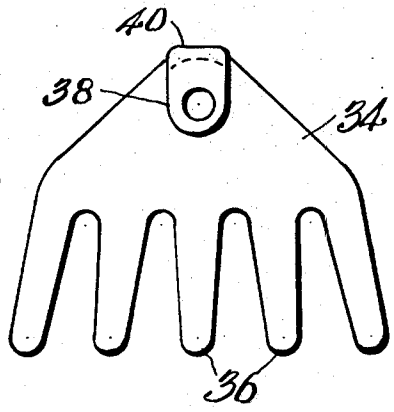


FIG. 1.

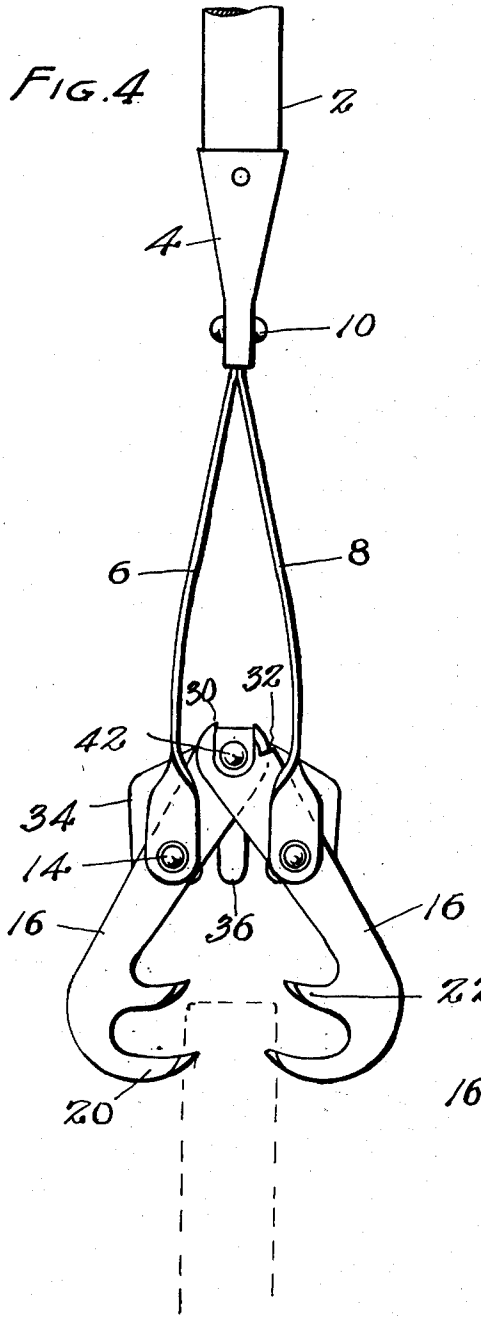
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FIG. 4



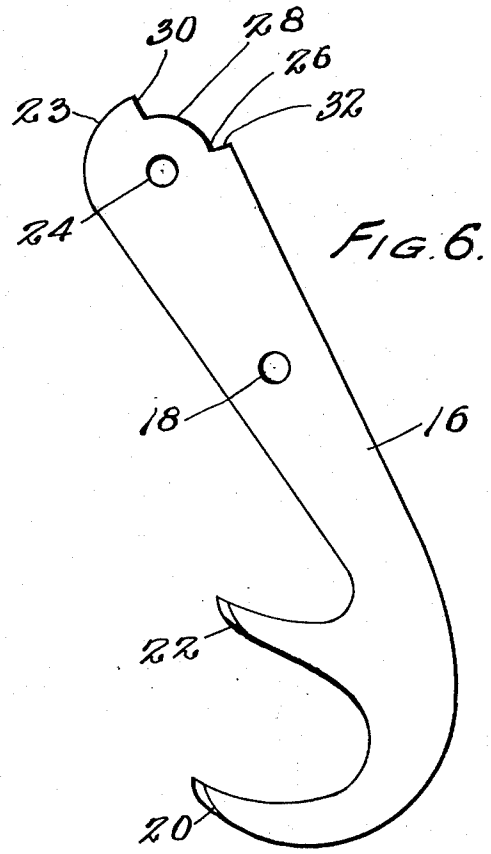


FIG. 6.

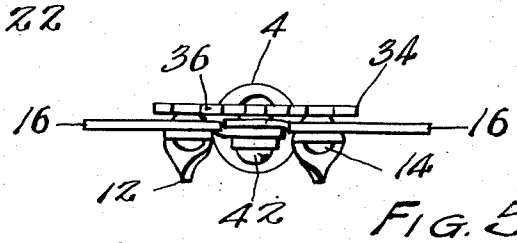


FIG. 5

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2,579,812

UNITED STATES PATENT OFFICE

2,579,812

GAFF

Charles B. Fisher, deceased, late of Williamsport, Pa., by Gertrude F. Fisher, executrix, Williamsport, Pa.; Elizabeth F. Berry, administratrix de bonis non cum testamento annexo of said Charles B. Fisher, deceased, assignor to O. A. Norlund Company Inc., Williamsport, Pa., a corporation of Pennsylvania

Application March 15, 1948, Serial No. 15,022

1 Claim. (Cl. 294—110)

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The present invention relates to an improved gaff and contemplates the incorporation into existing and conventional gaffs, certain new and practical features resulting in improved operation.

The gaff of the invention generally consists of a pair of spring arms secured in a handle, a pair of jaws pivoted to the spring arms and to each other, and a trigger pivoted to the pivot joint between the jaws.

The novel features in the gaff include the improved means securing the trigger to the jaws, and the arcuate notches of the jaws formed with end walls or abutments disposed substantially at right angles so that the pairs of abutments will engage the trigger securing means both when the jaws are open, as well as when closed to clamp the trigger against pivotal movement.

In the accompanying drawings is illustrated one complete example of the physical embodiment of the invention according to the best mode thus far devised, but it will be understood that various changes and alterations may be made in the exemplified structure within the scope of the appended claim.

In the drawings:

Fig. 1 is a front elevational view of the gaff of the invention in cocked position.

Fig. 2 is a transverse vertical sectional view through the trigger and jaws.

Fig. 3 is an elevational view of the trigger.

Fig. 4 is a front elevational view of the gaff in spring position.

Fig. 5 is a bottom plan view.

Fig. 6 is an elevational view of one jaw.

Referring now to the drawings is illustrated the present preferred embodiment of the invention as comprising the conventional handle **2** having a thimble **4** flattened at its lower end to receive the upper ends of spring arms **6** and **8** secured by rivet **10**.

These spring arms of flat metal stock are twisted at **12** and are each pivotally secured by rivets **14** to the jaws **16** through holes **18**. These jaws are formed with curved tine ends **20** and spaced teeth or tines **22** at their opposite ends the jaws are rounded at **23** on an arc having a radius centered in the center of the opening **24** and the jaws are cut out at **26** to form the concentric arcuate recessed edge **28** and the end walls or abutments **30** and **32** disposed substantially at right angles to each other and radial to the center of the arc.

In assembly the notched ends of the jaws overlap and secure the trigger **34** having tines **36**, and

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the securing lug **38** bent upon itself at **40**. A rivet **42** extends through the trigger, the bent lug and the two jaws, the lug being confined between the pairs of end walls or abutments of the recesses. End walls **32** will confine the lug when the gaff is cocked, while walls **30** will confine the lug when the jaws are sprung.

As seen in Fig. 1, the gaff is cocked by spreading the jaws against the tension of the spring arms until the pivot points **14**, **42**, and **14** are substantially aligned. As the subject to be grasped is struck by the trigger as the gaff is thrust toward it the pressure will move the pivot point **42** until the spring arms take over, snapping the jaws toward each other so that tines **20** and **22** will impale the subject. The end walls **30** will prevent the jaws from touching and will limit the snapping movement thereof.

While the gaff of the invention is especially useful in fishing to gaff the fish, it is not confined to such use and is equally adaptable for other uses in grappling for items confined in small places not accessible to the operator. In building concrete forms it is customary to space the walls thereof by wooden spacer blocks and it has been found that the gaff of the invention is especially successful in grasping such blocks in the forms beyond the reach of the worker. Other uses for the gaff will be readily apparent and its use in its improved form will reduce time and effort of operation and render more efficient any grappling operation.

Having thus fully described the invention what is claimed as new and desired to secure by Letters Patent is:

In the gaff described, the combination with a pair of complementary jaws having lapped inner ends, a handle, and a pair of spring arms rigid with the handle each one of said pair of spring arms pivotally connected to a respective one of said jaws of a trigger having spaced tines and a central upright return bend forming a spaced lug, a rivet extended through the trigger and its lug and forming a pivotal connection for the lapped ends of the jaws, each of said lapped ends having an arcuate edge-recess terminating in a pair of spaced abutments located at opposite edges of the return bend, whereby coacting pairs of abutments engage the edges of the return bend to limit the movement of the jaws in open and closed positions.

GERTRUDE F. FISHER,
Executrix of the Estate of Charles B. Fisher, Deceased.

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