

No. 829,809.

PATENTED AUG. 28, 1906.

A. H. SWAN, F. J. FINNEGAN & E. G. SKILLINGS.

PEEL BLADE TIP.

APPLICATION FILED APR. 10, 1906.

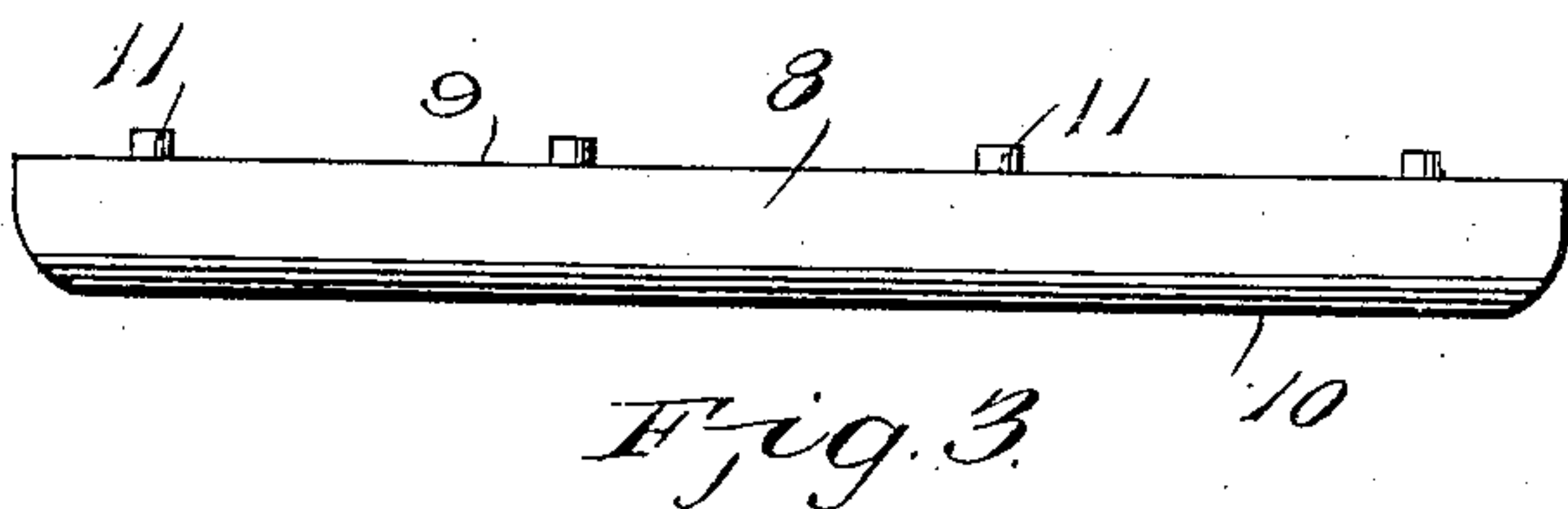
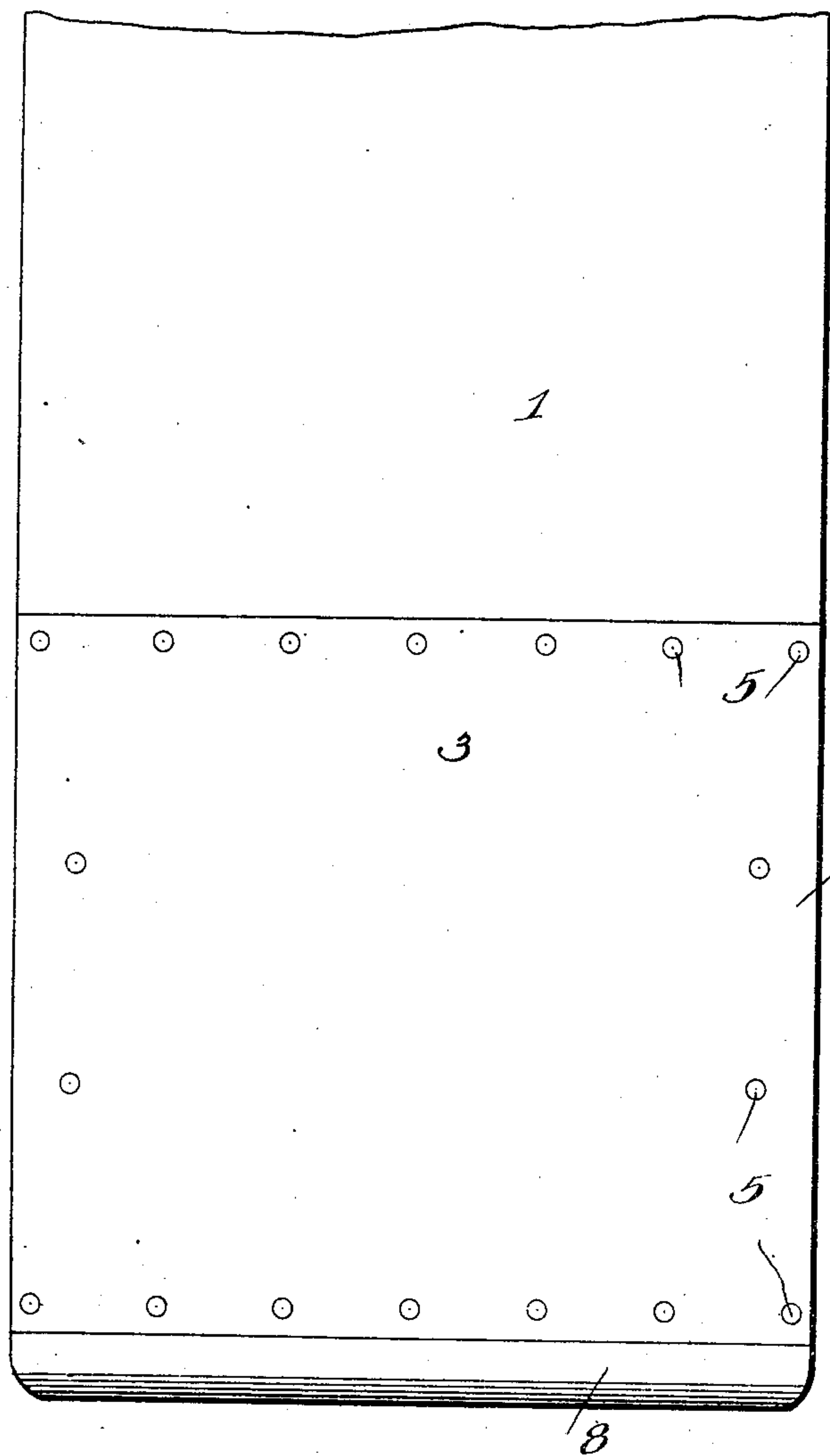


Fig. 1.

Fig. 2.

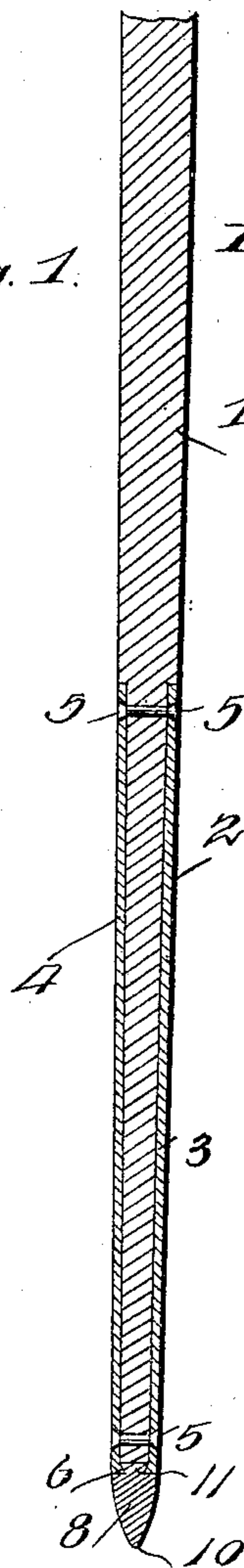
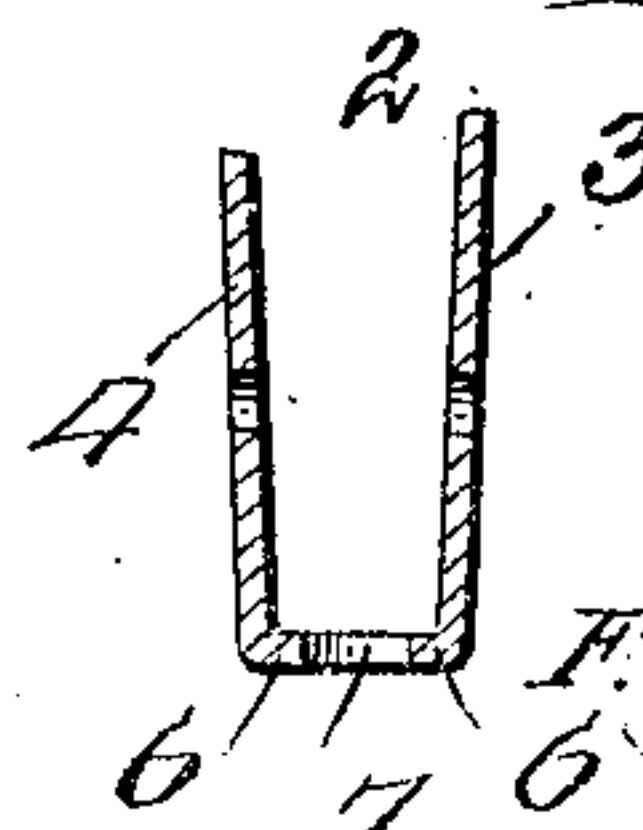


Fig. 4.



Witnesses  
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# UNITED STATES PATENT OFFICE.

ARTHUR H. SWAN, FRANCIS J. FINNEGAN, AND EDMUND G. SKILLINGS,  
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## PEEL-BLADE TIP.

No. 829,809.

Specification of Letters Patent.

Patented Aug. 28, 1906.

Application filed April 10, 1906. Serial No. 311,012.

*To all whom it may concern:*

Be it known that we, ARTHUR H. SWAN, FRANCIS J. FINNEGAN, and EDMUND G. SKILLINGS, citizens of the United States, residing at Roxbury, in the county of Suffolk and State of Massachusetts, have invented new and useful Improvements in Peel-Blade Tips, of which the following is a specification.

This invention relates to an improved peel-blade tip, the object of the invention being to provide a metallic tip and means for securing the same to the body of the blade, whereby the strength of the blade is increased and a tip produced which is adapted to effectually withstand wear and prolong the life of the blade.

In the accompanying drawings, Figure 1 is a plan view of a portion of the body of a peel-blade embodying the invention. Fig. 2 is a cross-sectional view thereof. Fig. 3 is a side view of the tip. Fig. 4 is an enlarged cross-sectional view through the outer end of the shield.

Referring now more particularly to the drawings, the numeral 1 represents the body of the blade, which is inclosed and protected at its outer end by a metallic shield 2, said shield comprising oppositely-disposed wear-plates 3 and 4, spaced to receive the outer end of the blade between them, the plates being countersunk in the sides of the blade to lie flush with the body-surface thereof, as shown in Fig. 2.

The shield is attached to the blade by rivets or other suitable fastenings 5, passing through the plates and recessed outer portion of the blade and extending around the edges of the plates. At their outer end the plates 3 and 4 are connected by a transverse web or union portion 6, provided with a series of spaced openings 7.

The tip 8 is made of some suitable durable metal and is provided with a straight inner abutting face 9 and curved or beveled sides tapering to a point or edge 10. The abutting face 9 of the tip rests against the outer surface of the web or union 6 of the shield and is provided with a series of fastening members 11, projecting through the openings 7 in said

web and bearing against the outer edge of the body of the blade. These fastenings are in the form of riveting projections which are headed or upset to bear against the inner surface of the web 6 and securely fasten the tip thereto.

In the operation of applying the improved shield and tip to the blade the tip is first secured to the web portion of the shield by bringing its abutting face against the outer surface of the web and fitting the fastening members 11 in the openings 7, a suitable tool being then employed to upset or head said fastening to rivet the tip to the shield. The shield is then applied to the outer end of the blade in an obvious manner and the rivets 5 applied to secure the same thereto.

As a result of this construction the blade is provided at its outer end with a protecting member composed of wear-plates which are adapted to strengthen and relieve that portion of the blade from wear and strain which is the most subject thereto, and a form of tip is produced which facilitates the insertion of the blade in its operation when in use. The tip is made of a harder and more durable metal than the shield to protect the outer end thereof and prevent the wear and tear upon the outer end of the blade, which with the ordinary construction of blade rapidly renders the blade unfit for further use. The shield itself may therefore be composed of some inexpensive metal, thus permitting the device to be manufactured at a comparatively low cost.

Having thus described our invention, what we claim is—

1. A shield and tip for peel-blades comprising spaced shield-plates connected at their outer ends by a transverse web, said web being provided with openings, and a tip having an abutting face bearing against the web and provided with fastening members projecting through the openings therein and upset or riveted against the inner face of the web.

2. A peel-blade provided at its outer end with a shield comprising plates countersunk in the sides thereof and fastening thereto,



said plates being connected at their outer ends by a transverse web having openings formed therein, and a tip having an abutting face bearing against the outer surface of the  
5 web and provided with fastening members projecting through the openings therein and upset or riveted against the lower surface of the web.

In testimony whereof we affix our signatures in presence of two witnesses.

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