

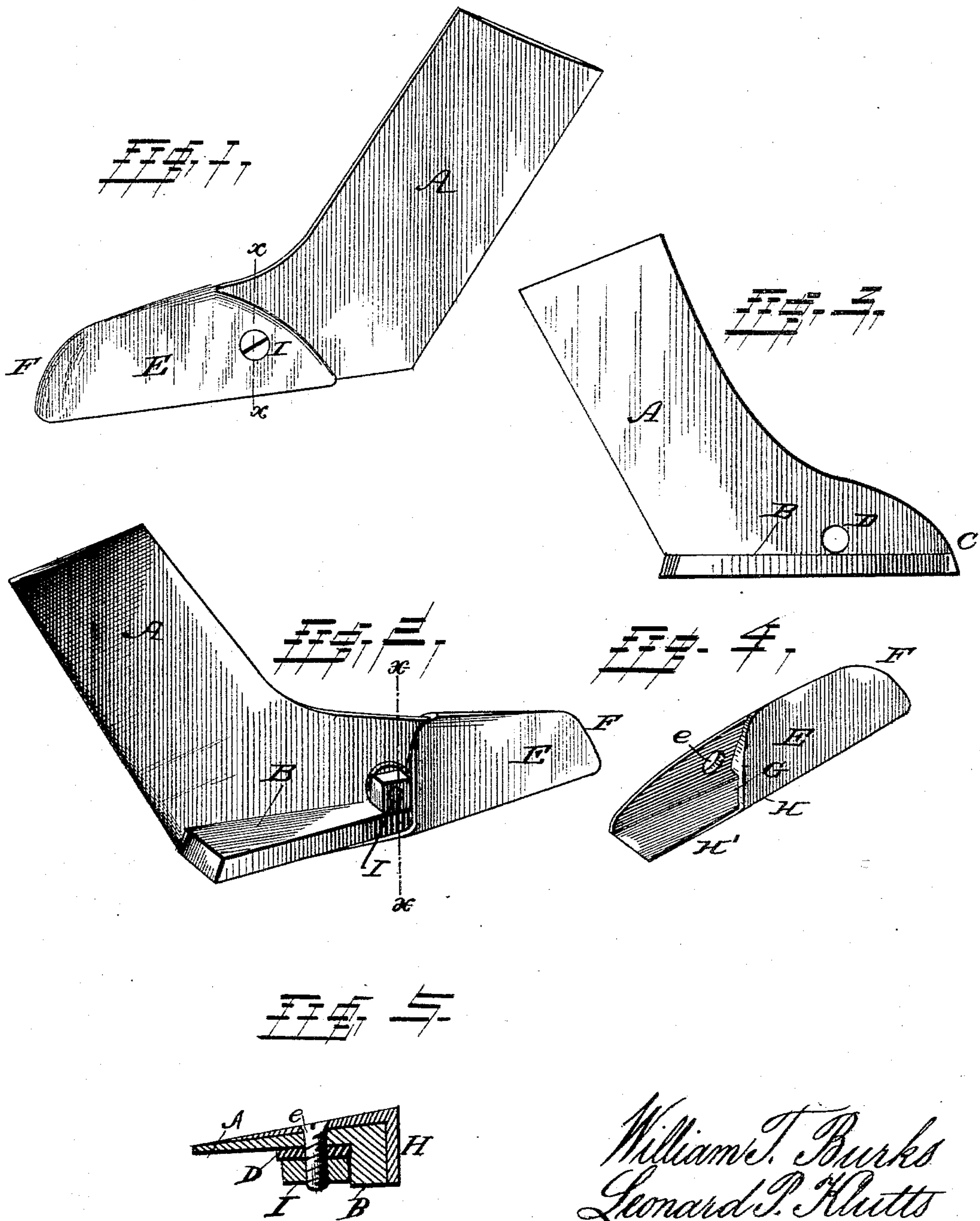
(No Model.)

W. T. BURKS & L. P. KLUTTS.

PLOW POINT.

No. 300,567.

Patented June 17, 1884.



WITNESSES:

*Ad. S. Dietrich*  
*Arthur L. Morsell*

*William T. Burks*  
*Leonard P. Klutts*  
INVENTORS

*By Louis Bagger & Co.*  
ATTORNEYS.



# UNITED STATES PATENT OFFICE.

WILLIAM T. BURKS AND LEONARD P. KLUTTS, OF MONTROSE, MISSOURI.

## PLOW-POINT.

SPECIFICATION forming part of Letters Patent No. 300,567, dated June 17, 1884.

Application filed February 28, 1884. (No model.)

*To all whom it may concern:*

Be it known that we, WILLIAM T. BURKS and LEONARD P. KLUTTS, citizens of the United States, and residents of Montrose, in the county of Henry and State of Missouri, have invented certain new and useful Improvements in Plow-Points; and we do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, which form a part of this specification, and in which—

Figure 1 is a perspective view of a plowshare provided with our improved point, seen from above. Fig. 2 is a similar view of the same, seen from below. Fig. 3 is a view of the under side of the worn share. Fig. 4 is a view of the point, and Fig. 5 is a cross-section on line *x x*.

Similar letters of reference indicate corresponding parts in all the figures.

Our invention has relation to that class of detachable points for plowshares which are adapted to be secured upon the share of a plow after the point of the share has become worn; and it consists in the improved construction and combination of parts of the same, as hereinafter more fully described and claimed.

In the accompanying drawings, the letter A indicates the share, which is provided at the edge facing toward the land with a downwardly-projecting wedge-shaped foot-flange, B, the share and flange tapering to a point, C. E is the detachable point, which is in the nature of a socket, forming a sharpened edge, F, at the side facing toward the furrow, and adapted to fit upon the point of the share, the bottom side of the socket forming a groove, G, in its inner side, into which the foot-flange of the share fits, the said groove and flange serving to prevent lateral displacement of the socketed point. The land side, H, of the socketed point is continued to form a gradually-tapering extension, H', which bears against the land side of the foot-flange of the share,

gradually becoming flush with the same. The upper side of the socketed point has a counter-sunk perforation or bolt-hole, *e*, through which a bolt, I, provided with a nut and washer may pass. When the original point of the share becomes worn and too dull to penetrate the soil, a perforation, D, is made through the share; or the said perforation may have been made at the time of making the share, so as to correspond with the perforation or bolt-hole in the side of the socketed point, and the socketed point is placed upon the share-point, the lower edge of the foot-flange fitting in the groove in the socket, whereupon the bolt is inserted through the perforations in the upper side of the socket and in the share, and secured by means of its nut and washer. In this manner it will be seen that the bolt will prevent the socketed point from slipping off from the share, and the foot-flange of the share fitting in the groove in the lower side of the socket will keep the point true, preventing any lateral play of the same.

We are aware that detachable socketed auxiliary points for plowshares are not broadly new, and we do not wish to claim such construction, broadly; but

We claim and desire to secure by Letters Patent of the United States—

The combination, with a plowshare having a tapering land-side flange, and a bolt-hole, of a detachable point of the form shown and described, forming a socket adapted to fit upon the share-point, having a longitudinal groove in the inside of its under side to receive the flange of the plowshare, and a projecting shoulder to fit the recess under the share, and a fastening-bolt, as and for the purpose shown and set forth.

In testimony that we claim the foregoing as our own we have hereunto affixed our signatures in presence of two witnesses.

WILLIAM T. BURKS.  
LEONARD P. KLUTTS.

Witnesses:

H. S. MARVIN,  
J. H. VICKARS.