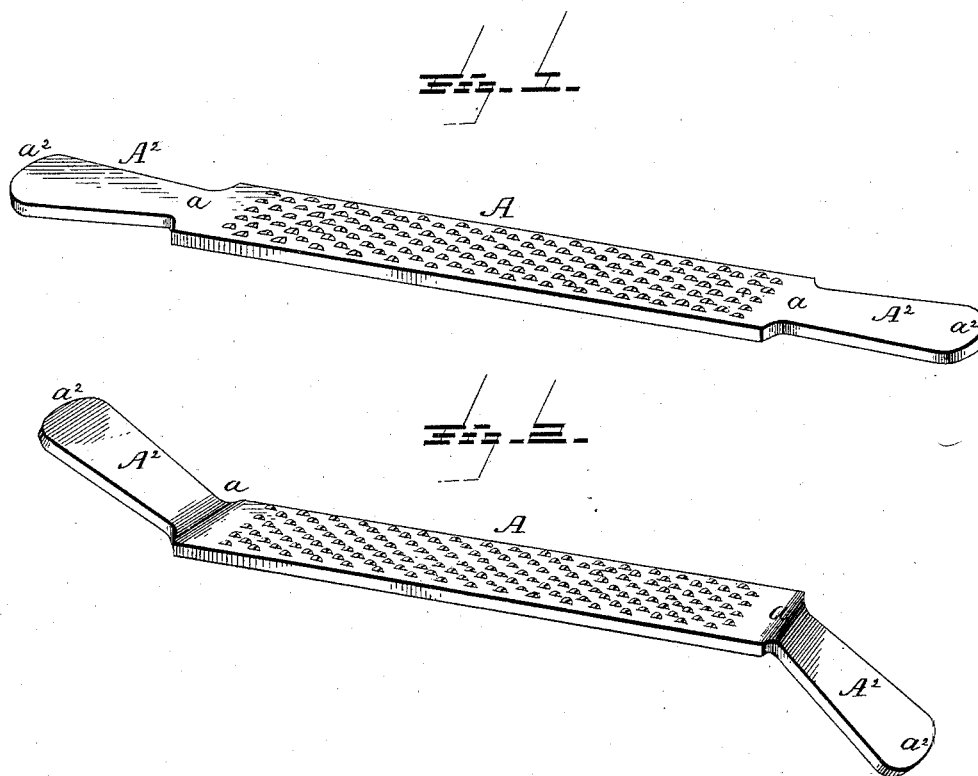


(No Model.)

T. N. DALLIS.
FILE OR RASP.

No. 445,712.

Patented Feb. 3, 1891.



Witnesses

C. C. Schiller

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UNITED STATES PATENT OFFICE.

THOMAS N. DALLIS, OF SPARTANBURG, SOUTH CAROLINA.

FILE OR RASP.

SPECIFICATION forming part of Letters Patent No. 445,712, dated February 3, 1891.

Application filed December 27, 1890. Serial No. 375,929. (No model.)

To all whom it may concern:

Be it known that I, THOMAS N. DALLIS, a citizen of the United States, residing at Spartanburg, in the county of Spartanburg, State of South Carolina, have invented certain new and useful Improvements in Files or Rasps, of which the following is a specification, reference being had therein to the accompanying drawings.

My invention relates to files or rasps, particularly those of large size; and the object of my improvement is to afford better facilities than heretofore for the proper and effective manipulation of said rasps to sharpen various parts of plows and other implements by providing said sharpening-tool with a flat extension made integral therewith at each end thereof, said extensions being broader at their outer ends and adapted to serve as non-detachable handles for the tool; and the invention consists in the improved construction of the same, as will be hereinafter more fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view of a rasp or plow-sharpener constructed in accordance with my invention. Fig. 2 is a perspective view of a modification of the same.

On said drawings, A represents the body of the rasp, which is preferably rectangular in form, and has at each end an extension A^2 , made integral therewith. Said extension at the point a , where it is connected with the body of the rasp, is wider than the base of the tang with which files are usually provided, and it is rounded and still broader at its outer end a^2 than at the point of connection a , and in this manner the rasp is provided with a broad flat extension or handle at one end, to be grasped by the right hand of the operator, and a flat handle at the other end of such form as not to easily slip through the left hand of the operator while using the tool.

To still further increase the facilities for

handling and operating the rasp, the extensions or handles A^2 at the point of connection a with the body A are at an angle with said body, one handle being bent up and the other down, so that each one presents a broad flat surface to receive the palm of both the right and the left hands of the operator substantially at right angles to the direction of the pressure produced on the tool by the operator. The inclination of the teeth or serrations being on one side of the rasp in the opposite direction of those upon the opposite side, either one of said sides will be in proper position for use by simply reversing the tool end for end, and the handles will assume the position shown in Fig. 2, the turned-up handle being intended to be grasped by the left hand of the operator.

Having now fully described my invention, I claim—

1. A file or rasp having its body provided at each end with a flat extension or handle integral therewith, said flat extension being rounded and broader at its outer end than at the point of connection thereof with said body, substantially as described.

2. A file or rasp having its body provided at each end with a flat extension or handle integral therewith, said flat handles being bent at an angle to said body, substantially as shown and described.

3. A file or rasp having its body provided at one end with a flat extension or handle integral therewith, said extension being rounder and broader at its outer end than at the point of connection thereof with said body and bent at an angle to said body, substantially as described.

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

THOMAS N. DALLIS.

Witnesses:

J. P. DARDEN,
JOHN SEVIER.