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2,539,181

TROWEL FOR DIGGING FERNS

Filed Sept. 17, 1946

FIG. 1.

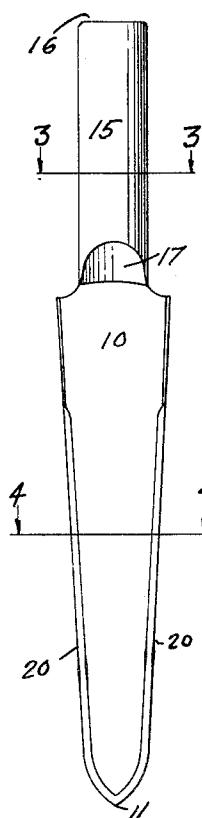


FIG. 2.

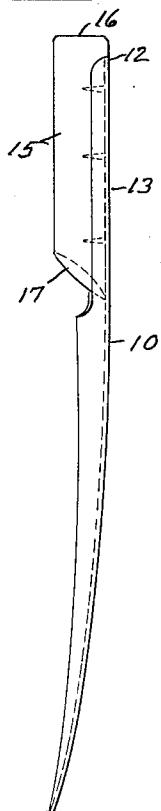


FIG. 3.

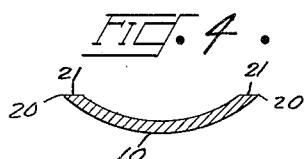
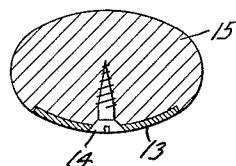
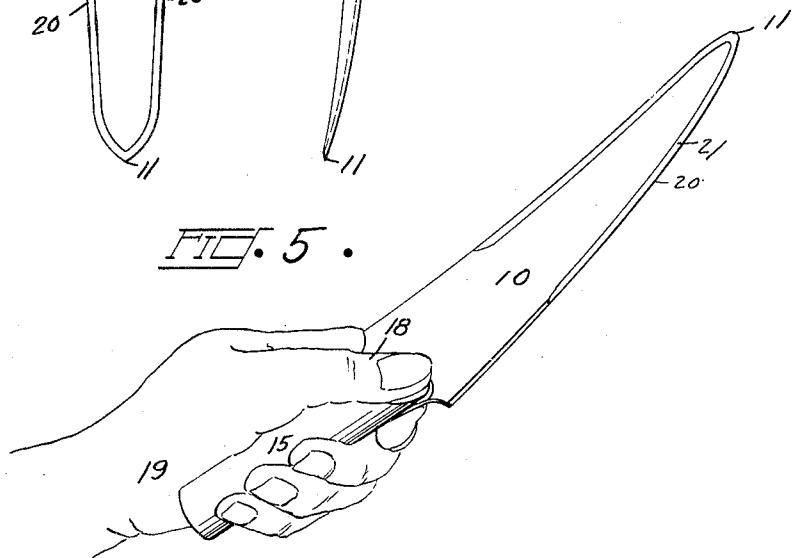


FIG. 5.



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TROWEL FOR DIGGING FERNS

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1 Claim. (Cl. 294—49)

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This invention relates generally to the fern industry and particularly to a trowel for digging ferns.

The main object of this invention is to construct a trowel especially adapted for the digging of ferns by means of which ferns may be dug with the least amount of effort and fatigue and with the minimum amount of injury to the foliage and root structure thereof.

I accomplish these objects in a manner set forth in the following specification as illustrated in the accompanying drawing, in which:

Fig. 1 is a front elevation of the trowel.

Fig. 2 is a side elevation of Fig. 1.

Fig. 3 is a cross section taken along the line 3—3 in Fig. 1.

Fig. 4 is a section taken along the line 4—4 in Fig. 1.

Fig. 5 is a perspective view showing the manner of using the trowel and the purpose of its construction.

Similar numbers refer to the same or similar parts throughout the several views.

Referring in detail to the drawing, there is shown an elongated blade 10 having an arcuate transverse section which extends from the point 11 to the outer-most end 12 of the shank 13.

The shank 13 is somewhat narrower than is the handle end of the blade 10 and has secured thereto by the means of the screws 14, a handle 15 preferably of wood and of oval cross section conforming to the shape of the transverse curvature of the blade 10. The handle 15 has a blunt outer end 16 which is normal to the axis of the handle while its end 17 is transversely curved and inclined at substantially 45 degrees in relation to the axis of the handle 15, this angle being determined by the natural position of the thumb 18 as the handle 15 is held in the hand 19 of the user.

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The blade 10 tapers toward the point 11 and its edges 20 are sharpened by grinding straight across the faces 21 thereby insuring the easy sharpening and correct angle for the cutting edges.

I am aware than fern digging trowels have been constructed in the past and have long been used in the industry; I therefore do not claim such devices broadly, but I do intend to cover such forms and modifications thereof which fall fairly within the appended claim.

I claim:

A fern trowel having a longitudinally and transversely curved tapering blade, the wide end 15 of said blade having a transversely curved shank formed thereon and a handle fitting into said curved shank characterized by having the end adjacent to the end of the trowel transversely curved and longitudinally inclined with relation to the axis of the handle, the tip of the trowel being in substantial alignment with the side of said handle opposite said shank, said curved blade being sharpened transversely in the same plane along both edges from its pointed end to a spaced distance from the adjacent handle end.

GEORGE S. BROWN.

REFERENCES CITED

The following references are of record in the 30 file of this patent:

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