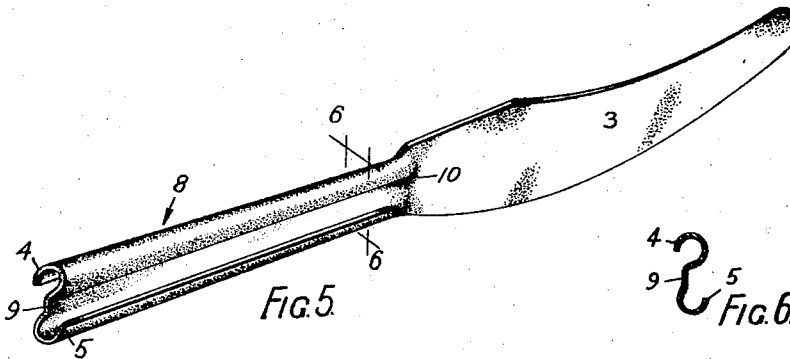
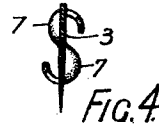
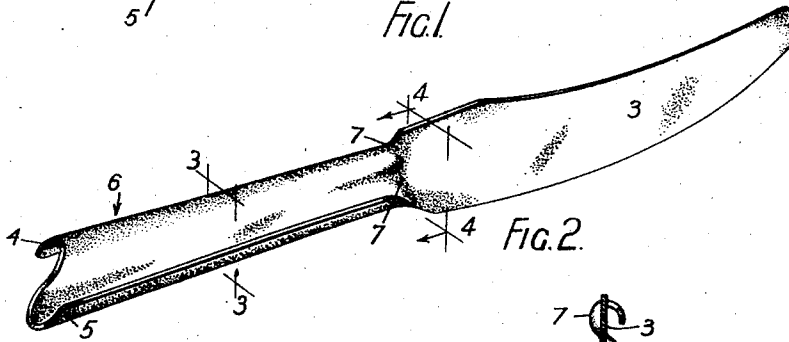
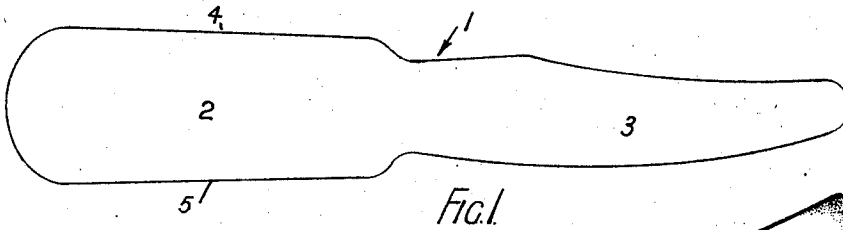


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S. H. BARNES
TABLE CUTLERY HANDLE
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UNITED STATES PATENT OFFICE

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TABLE CUTLERY HANDLE

Sydney Harold Barnes, Sydney, New South
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4 Claims. (Cl. 30-340)

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This invention has relevance to improved table cutlery handles.

Such articles according to the invention have the handle and the blade or pronged element as integral parts, the blank from which the cutlery is made having its handle portion wider than its integral portion. The blade or pronged element of the articles is of usual construction; but the handle thereof is shaped to give grip as well as strength, and to provide also for a handle of open-type construction, to permit of all surfaces thereof being easily and effectively cleaned, and so avoid the collection of food particles or moisture or other deleterious matter thereon, which would be likely to create unhygienic conditions relative thereto.

In one construction of the said cutlery the said shaping consists in forming the metal of the handle to S-shape in cross-section. Such forming may be effected by forming the longitudinal sides and the intermediate portion of the metal of the handle to S-shape in cross-section. Further said S-shaped in cross-section handle may be provided with protuberances where the portion thereof and its integral portion meet for the purpose of imparting additional strength to the cutlery.

By a modified construction of the said cutlery the said shaping consists in forming the metal of the handle with a centrally disposed longitudinal fluted rib and curvating in opposite directions the longitudinal sides of the metal of the handle to hook fashion. In such modified construction the said rib may be feathered into the said integral portion where such portion meets the adjacent end of the handle for the purpose of imparting additional strength to the cutlery.

Further, in another constructional modification of the said cutlery the said shaping may consist in forming the metal of the handle to sinuous cross-section. The said sinuous shaping may consist in providing three fluted portions, the centrally disposed fluted portion feathering into the adjacent part of the said integral portion, and the respective said outer fluted portions merging into the top and bottom adjacent edges of the said integral portion.

Again, in another constructional modification of the said cutlery, the said shaping may consist in forming the metal of the handle longitudinally thereof to channel shape. The separate flanges of the said channel in such constructional modification may merge respectively into the top and bottom adjacent edges of said integral portion. Further, an oppositely disposed channel member

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may be secured to said handle, so that the flanges thereof will be flush with the flanges of the other said channel.

If desired in all constructions, the handle of the cutlery may be tapered from its outer end to its integral portion.

Other features of the invention are hereinafter referred to.

In order that the invention may be better understood the same by way of certain examples will now be more particularly described with reference to the accompanying drawings, in which:

Fig. 1 is a flat view of one construction of a formed blank for an article of cutlery such consisting of a blade and its integral handle; Fig. 2 is a perspective view of one construction of an article of cutlery formed from the blank shown in Fig. 1; Fig. 3 is a vertical cross-section on plane 3-3, Fig. 2; Fig. 4 is a vertical cross-sectional elevation on plane 4-4, Fig. 2; Fig. 5 is a perspective view of another construction of an article of cutlery formed from the blank shown in Fig. 1; Fig. 6 is a vertical cross-section on plane 6-6, Fig. 5.

With reference to Figs. 1 to 4, the blank 1 shown therein for the manufacture therefrom of an article of cutlery has two portions 2 and 3 which are integral. Portion 2 is used for forming the handle of the article and portion 3 for forming a knife blade. The portion 3 may be designed as a blank for a pronged cutlery article. The blank 1 is produced in well known manner from sheet steel or other desired metal of which the cutlery article is to consist. The dimensions of the blank 1 may be so desired and the contour of the portion 3 may also be as desired. The handle portion 2 is wider than the portion 3. In Figs. 2 to 4 the portion 2 of the blank 1 is shown formed to S-shape in cross-section (Fig. 3). For such formation the longitudinal sides 4 and 5 of the portion 2 are bent to provide the handle 6 of S-shaped cross-section. The handle 6 may have a taper from its outer end to the integral portion 3 of the cutlery article. Where the portion of the handle 6 and the portion 3 of the article merge into each other protuberances 7 (Figs. 2 and 4) may be provided thereat for the purpose of imparting additional strength to the article. If the portion 3 is finally to consist of a sharpened blade it can be ground and set for such purpose.

Referring to the construction shown in Figs. 5 and 6, the handle 8 of the cutlery article is bent to provide therefor a centrally disposed longitudinal fluted rib 9. The rib 9 is shown where

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it meets the portion 3, feathering into the latter at the part 10, for the purpose of imparting additional strength to the article at such part. The sides 4 and 5 of the handle portion 8 of the article are also curved in similar fashion to the curvature of the longitudinal sides 4 and 5 of the handle 6 (Figs. 2 and 3). The handle 8 may be tapered as before described.

What I claim as my invention and desire to secure by Letters Patent is:

1. Table cutlery article made from a sheet metal blank including a front portion shaped for the intended use and an integral handle portion which is wider than said front portion, said handle portion being generally S-shaped in cross-section with its free edges disposed between the top and bottom planes of the S to provide a strong grip having smoothly rounded gripping surfaces and two opposed open channels permitting easy cleaning of all the surfaces of the handle.

2. Table cutlery article as claimed in claim 1, in which the central zone of the handle portion is disposed in a plane extending at an oblique angle relative to the general plane of the front portion of the article and the edges of the handle portion are curved back towards said central zone

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to lie between the top and bottom planes of the S.

3. Table cutlery as claimed in claim 1, in which the handle portion is formed with a central rib extending substantially along its longitudinal axis.

4. Table cutlery article as claimed in claim 1, in which the handle portion is formed with a central rib extending along its longitudinal axis and feathering out into said front portion where the handle portion merges into the front portion for imparting additional strength to the article.

SYDNEY HAROLD BARNES.

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