

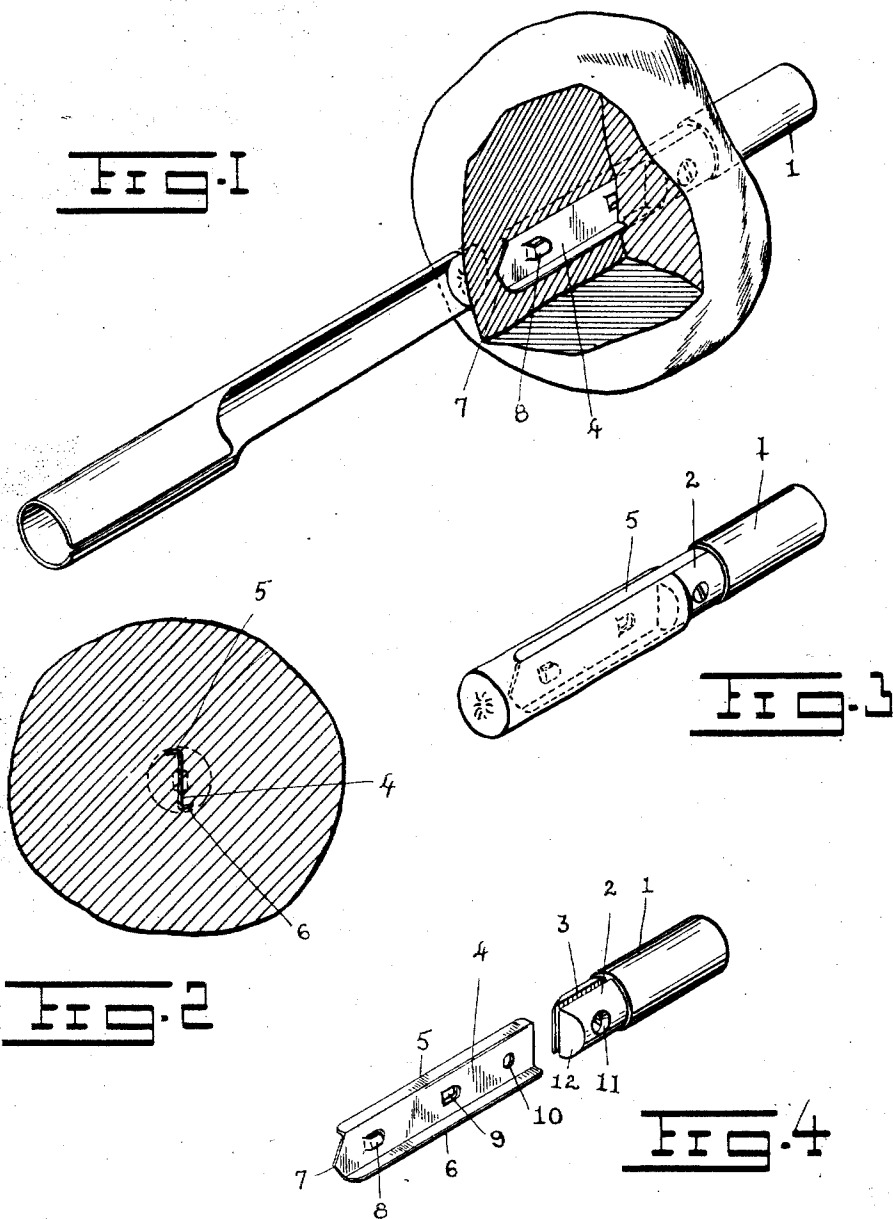
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H. MEHSERLE

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SPIT FOR APPLE PARING MACHINES

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Henry Mehserle *Inventor*

By *Franz Kufel* *Attorney*

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HENRY MEHSERLE, OF ROCHESTER, NEW YORK.

SPIT FOR APPLE-PARING MACHINES.

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The object of this invention is to provide a new and improved form of spit for holding apples during the paring and coring operation and for ejecting the core after the apple is removed. This and other objects of the invention will be illustrated in the drawings, described in the specification, and pointed out in the claims at the end thereof.

10 In the drawings:

Figure 1 is a perspective view of the spit with the apple in position thereon, with the corer engaging the apple.

15 Figure 2 is a cross section of the apple showing the spit in position therein, the circular dotted line showing the path cut by the corer.

Figure 3 is a perspective view of the spit after it has been withdrawn from the apple bringing the core with it.

Figure 4 is a perspective detailed view of the spit, and base or handle therefor.

In the drawings like reference numerals indicate like parts.

25 In apple paring and coring machines as heretofore made the apples are carried on a spit that is usually in the form of a fork having two or three prongs, or tines. The spit when provided with three tines usually has them arranged at the corners of a triangle. It has been found, however, that such spits do not hold the apple firmly enough, and become more or less fouled up by the core because the core is not easily and completely removed therefrom especially when it is soft. To overcome this trouble, I have invented the spit which is shown in the accompanying drawing which spit is made of a blade or sheet of steel.

40 In the drawings reference numeral 1 indicates the base which is preferably threaded on the inside to provide for attaching it to the paring machine. This base has a reduced extension 2 which forms a shoulder therewith. This reduced extension has a slot 3 therein which engages the spit 4. The spit 4 is made preferably of sheet steel, and has a central web with two flanges 5 and 6 on the edges thereof extending in opposite directions. These flanges with the central web form a Z bar in outline. On the forward edge 7 the web and flanges are sharpened to a cutting edge so that they will more easily penetrate the apple. In the web, teeth 8 and 9 are struck up which ex-

tend outwardly and forwardly therefrom on opposite sides therefrom and toward the base of the spit. The spit is also provided with a screw hole 10. The spit is inserted in the slot 3 of the base so that the hole 10 registers with the corresponding hole 11 of the reduced end of the base and is held in the reduced end by a screw which passes through the reduced end and the spit. The hole 11 is suitably threaded on one side to receive the threaded end of the screw and is countersunk on the other side to receive the head of the screw.

The spit with its base is fastened on the proper part of the apple paring machine 70 and the apple is pushed thereon in any manner by hand or otherwise. The apple slides over the teeth 8 and 9 which hold the apple and prevent it from moving in the reverse direction so that the apple is held firmly 75 thereon during the paring and coring operations. When the paring is finished, the corer operates to cut the core from the apple, and the apple is then pushed in the reverse direction along the spit leaving the core in place on the spit as shown in Figure 3. The corer trims the core in diameter large enough to leave a portion of the apple on the outside of each of the flanges connecting the two halves of the core on each side of 85 the web. When the apple is pushed off, the core remains on the spit, the teeth 8 and 9 holding it in place thereon.

When the next apple is placed on the spit, the apple pushes the previous core forward 90 on the spit ahead of it and thus removes the core from the spit. In removing the apple it will be seen that the apple moves in the reverse direction along the spit and in removing the core, the core moves in the forward or opposite direction along the spit. 95 The reduced end 2 of the base of the spit is tapered or wedge shape as shown at 12 and this causes the core to split as it is pushed forward by the new apple causing one part 100 of the core to go one way, and the other part of the core to go the other way. In this way the core is completely removed from the spit, the operation of the machine is simplified, the spit is kept cleaner and the apple is more firmly held on the spit. 105

I claim:

1. A spit for an apple paring and coring machine comprising a flat, thin and straight web, a flange projecting laterally from the 110

outer edge at one of the long sides thereof, said web and flange being sharpened to an edge at the exposed end thereof.

2. A spit for an apple paring and coring machine having a web with a flange thereon at one of the long sides thereof, said web and flange being sharpened to an edge at the exposed end thereof, a tooth in said web extending outwardly therefrom and away from said edge.

3. A spit for an apple paring and coring machine having a web with flanges thereon on the long sides thereof, said web and flanges being sharpened to an edge at the exposed end thereof, a base at the other end of said spit on which it is mounted, teeth in said web pointing toward said base.

4. A spit for an apple paring and coring machine having a web with flanges thereon on the long sides thereof, said web and flanges being sharpened to an edge at the

exposed end thereof, a base at the other end of said spit on which it is mounted, teeth in said web pointing toward said base, said base being tapered where it joins the spit to cause the core to split as it is pushed along the spit.

5. A spit for a paring machine comprising a thin, flat and straight blade, a sharp edge at the front thereof, a flange projecting laterally from the long edge of said blade, said flange being curved concentrically to the center of rotation of said spit.

6. In combination with a coring spoon having a curved wall, of a spit comprising a flat blade, a flange projecting laterally from the edge of said blade, said flange being concentric to the curvature of the wall of said spoon.

In testimony whereof I affix my signature.

HENRY MEHSERLE.