No. 883,786. PATENTED APR. 7, 1908.

E. G. CHATAIN.

FRUIT CUTTER.

APPLICATION FILED OCT. 29, 1907.

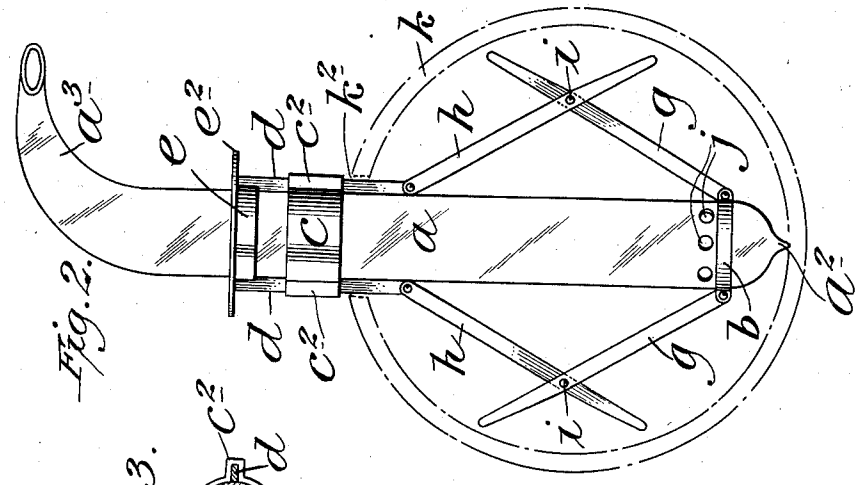


Fig. 2.

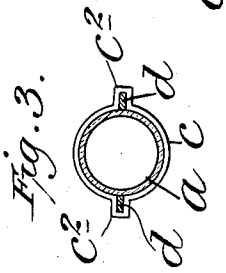


Fig. 3.

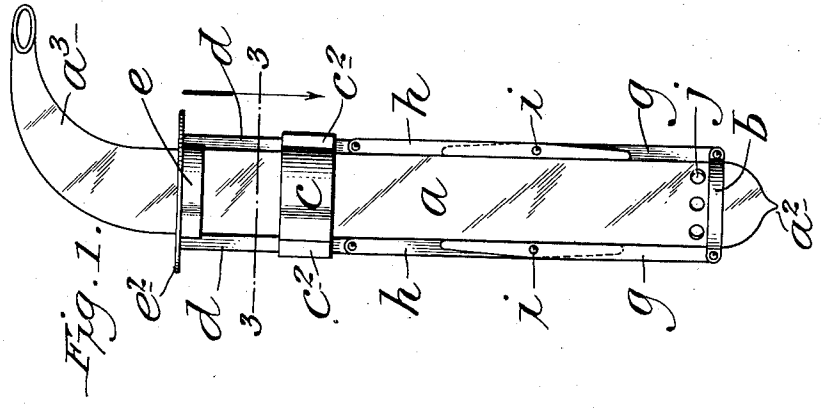


Fig. 1.

WITNESSES

C. E. Mulreany

M. E. Doody

INVENTOR,

Edmond G. Chatain

BY Edgar Tate & Co.

ATTORNEYS

UNITED STATES PATENT OFFICE.

EDMOND G. CHATAIN, OF FLUSHING, NEW YORK.

FRUIT-CUTTER.

No. 883,786. Specification of Letters Patent. Patented April 7, 1908.

Application filed October 29, 1907. Serial No. 399,723.

To all whom it may concern:

Be it known that I, EDMOND G. CHATAIN, a citizen of the United States, and residing at Flushing, in the county of Queens and State of New York, have invented certain new and useful Improvements in Fruit-Cutters, of which the following is a specification, such as will enable those skilled in the art to which it appertains to make and use the same.

This invention relates to devices for use in eating oranges, lemons, grape fruit or similar fruits; and the object thereof is to provide an improved device of this class by means of which fruit of the class specified may be eaten, or all the juices extracted therefrom without peeling or paring the fruit, or cutting or dividing the same.

The invention is fully disclosed in the following specification, of which the accompanying drawing forms a part, in which the separate parts of my improvement are designated by suitable reference characters in each of the views, and in which

Figure 1 is a side view of my improved device. Fig. 2 a similar view showing the parts in a different position, and:—Fig. 3 a cross section on the line 3, 3 of Fig. 1.

In the practice of my invention I provide a tube *a*, which is preferably closed and pointed at one end as shown at a^2, and the other end of which is preferably open and preferably flat, and also preferably curved to one side as shown at a^3, the last named end being also adapted, in practice, to be inserted into the mouth.

Secured adjacent to the end of the tube a^2, is a band *b*, and mounted on the opposite end portion of the tube at a predetermined distance from the band *b* is another band *c*, and the bands *c* and *b* are stationary on said tube.

The band *c* is provided with radial keepers c^2, two of which are shown, but any desired number of which may be employed, and in the form of construction shown, the band *c* is simply formed into loops to form the keepers c^2 and mounted in said keepers and movable therein and in contact with the tube *a* are slides *d*, which are connected with another ring or band *e*, mounted on the tube *a* between the ring or band *c* and the end a^3 of said tube and the ring or band *e* is provided with an annular flange e^2.

Pivoted to the ring or band *b* are blades or similar cutters *g*, and corresponding blades or cutters *h* are pivoted to the lower ends of the slides *d*, below the band or ring *c*. and the blades or cutters *g* and *h* overlap and are pivotedly connected at *i*.

The lower end of the tube *a* is perforated as shown at *j*, and the operation of the device will be readily understood from the foregoing description when taken in connection with the accompanying drawing and the following statement thereof.

In the use of this device, in eating an orange, lemon or similar fruit, a sample of which is indicated in dotted lines at *k* in Fig. 2, a hole is cut through the rind of the fruit at k^2 and the end portion a^2 of the device or of the tube *a* is forced thereinto. The ring or band *e* is then forced downwardly into the position shown in Fig. 2, and this operation forces the slides *d* downwardly and expands the cutters or blades *g* and *h* or throws said cutters or blades outwardly.

It will be understood that any desired number of the slides *d* and cutters and blades *g* and *h* may be employed, and the operation or manipulation of the ring or band *e*, the slides *g*, and the cutters or blades *g* and *h* may be repeated as often as desired until the interior of the fruit is finally divided and the juice therein liberated, and this operation may be facilitated by rotating the cutter device within the fruit, and when this operation is completed the end a^3 of the tube *a* is inserted into the mouth and the juices of the fruit are extracted through the tube *a*.

My invention is not limited to the exact form of the blades or cutters *g* and *h*, nor to the exact means herein shown and described for expanding the same, and any suitable form of dividers or cutters adapted to be inserted into the fruit with the tube *a* to accomplish the result specified may be employed, and various changes in, and modifications of the construction shown and described may be made, within the scope of the appended claims, without departing from the spirit of my invention or sacrificing its advantages.

In practice I prefer to make the tube *a* of glass, but my invention is not limited to any particular material in the construction of the various parts thereof.

Having fully described my invention, what I claim as new and desire to secure by Letters Patent, is:—

1. A device of the class described comprising a tube, closed and perforated at one end, expansible cutters or dividers mounted on said tube, and devices connected with said

tube and with said cutters or dividers for expanding and contracting the latter substantially as shown and described.

2. A device of the class described comprising a tube adapted to be inserted into an orange or similar fruit, said tube being provided on one end portion thereof with expansible cutters or dividers adapted in one position to lie closely adjacent to said tube, and devices mounted on said tube for operating said cutters or dividers substantially as shown and described.

3. A device of the class described comprising a tube closed and perforated at one end, the other end being open and curved laterally, a band secured to the closed and perforated end of the tube, another band secured to said tube adjacent to the other end portion thereof, slides mounted in said last named band, cutters or dividers connected with the first named band and with said slides, and means for operating said slides.

In testimony that I claim the foregoing as my invention I have signed my name in presence of the subscribing witnesses this 28th day of October 1907.

EDMOND G. CHATAIN.

Witnesses:
M. E. DOODY,
C. E. MULREANY.