CHOPSTICK STRUCTURE

BACKGROUND OF THE INVENTION

1. Field of the invention

The present invention relates to a chopstick structure, more particularly one, which is easy to carry, intended to be used repeatedly to provide convenience.

2. Brief Description of the Prior Art

Many persons buy meals or eat outside therefore a lot of disposable chopsticks and dining wares are used. Disposable chopsticks and disposable dining wares are used in many restaurants because they provide convenience, saving the labor spent in washing chopsticks and dining wares.

However, disposable chopsticks are found to have the following disadvantages:

1. They are made of bamboos or wood therefore it will cause significant reduction to bamboos and trees to acquire the materials of disposable chopsticks.

2. To make disposable chopsticks preservable over long time, and prevent them from going moldy, they are soaked in solutions of Sulphur Dioxide in manufacturing, which will harm the users' health.

3. Used disposable chopsticks are prone to cause increased amount of garbage and dirty the environment.

SUMMARY OF THE INVENTION

It is a main object of the invention to provide an improvement on a pair of chopsticks to overcome the above-mentioned problems. A pair of chopsticks each include a shank part, a stick part, and a holding member; each shank part has a holding hole, and threads on an inner side of a front end; the shank part of a first one of the chopsticks has a threaded connecting section while the shank part of the other chopstick has a screw hole; the stick parts are passed in the holding holes of the shank parts, and each have a threaded connecting section on a tail end, which is to be threadedly engaged with the threads of the shank part after the stick part is drawn to stick out from the shank part; the holding members are positioned around and joined to the shank parts in a relocatable manner; the threaded connecting section of the first shank part is to be threadedly passed in the screw hole of the other shank part to fix the chopsticks together when the chopsticks are not in use; the chopsticks can be used after they are separated, and the stick parts are drawn to stick out from and threadedly engaged with the shank parts. Therefore, the pair of chopsticks can be fixed together and reduced in length to be easy to carry. And, it won't have impact on the environment or cause increase to the amount of trash to manufacture and use the chopsticks.

BRIEF DESCRIPTION OF THE DRAWINGS

The present invention will be better understood by referring to the accompanying drawings, wherein:

Fig. 1 is an exploded perspective view of the first preferred embodiment in the present invention,

Fig. 2 is a lateral sectional view of the first preferred embodiment,

Fig. 3 is a view of the first embodiment in an in-use position,

Fig. 4 is a lateral section of the second preferred embodiment,

Fig. 5 is a view of the second preferred embodiment in an in-use position, and

Fig. 6 is an exploded perspective view of the third embodiment.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENTS

Referring to Figs. 1 and 2, a first preferred embodiment of a pair of chopsticks of the present invention includes:

a first chopstick, the first chopstick includes a shank part 1, a stick part 13, and a holding member 15; the shank part 1 has a holding through hole 12, threads 121 on an inner side of a front end thereof, a threaded connecting section 11 on a tail end, and a receiving recess 14; the stick part 13 has a threaded connecting section 131 at a tail end thereof, and it is inserted in the holding through hole 12 of the shank part 1, and can be drawn forwards to stick out from the shank part 1, and threadedly

engaged with the threads 121 at the threaded connecting section 131 thereof; the holding member 15 has a fit-in protrusion 151, and it has a clip 152 coupled thereto, and an ornamental cover 153 fitted thereon; the clip 152 is used for fastening the chopstick to an object such as the user's pockets; and

a second chopstick, the second chopstick includes a shank part 2, a stick part 23, and a holding member 25; the shank part 2 has a holding hole 22, threads 221 on an inner side of a front end thereof, a screw hole 21 aligned and communicating with the holding hole 22, and a receiving recess 24; the stick part 23 has a threaded connecting section 231 at a tail end thereof, and it is inserted in the holding hole 22 of the shank part 2, and can be drawn forwards to stick out from the shank part 2, and threadedly engaged with the threads 221 at the threaded connecting section 231 thereof; the holding member 25 has a fit-in protrusion 251, and it has a clip 252 coupled thereto, and an ornamental cover 253 fitted thereon; the clip 252 is used for fastening the chopstick to an object such as the user's pockets.

Fig. 2 shows the pair of chopsticks in a not-in-use position; in the not-in-use position, the stick parts 13 and 23 are withdrawn into the shank parts 1 and 2 respectively, and the holding member 15 is positioned around and joined to the shank part 1 with the fit-in protrusion 151 thereof being fitted on the receiving recess 14 of the shank part 1, and the holding member 25 is positioned around and joined to the shank part 2 with the fit-in protrusion 251 thereof being fitted on

the receiving recess 24 of the shank part 2. And, the shank parts 1 and 2 are joined together with the threaded section 1 of the shank part 1 threadedly passed in the screw hole 21 of the shank part 2.

Fig. 3 shows the pair of chopsticks in an in-use position, using the first chopstick as an example; in the in-use position, the first and the second chopsticks are separated, and the holding member 15 is inverted, positioned around and joined to a tail end of the shank part 1 with the fit-in protrusion 151 thereof being fitted on the receiving recess 14, and the holding member 25 is inverted, positioned around and joined to a tail end of the shank part 2 with the fit-in protrusion 251 being fitted on the receiving recess 24. And, the stick parts 13 and 23 are drawn forwards to stick out from the shank parts 1 and 2 respectively, and the threaded connecting sections 131, 231 of the stick parts 13, 23 are threadedly engaged with the threads 121, 221 of the shank parts 1, 2. Consequently, a person is allowed to use the first and the second chopsticks together to pick up foods.

Figs. 4 and 5 shows a second preferred embodiment in the present invention; using the holding member 15 as an example, the holding member 15 has an extension portion 154, and it is fitted in a tube part 155 at the extension portion 154 thereof. Consequently, the chopsticks can be lengthened according to the user's need.

Figs. 6 shows a third preferred embodiment in the present invention. A first (second) chopstick of the pair includes a shank part 1 (2), a connecting part 16 (26), and a stick part 13 (23); the shank parts 1,

2 have a holding through hole 12, 22, and threads 121, 221 on an inner side of a front end thereof; the connecting parts 16, 26 have a holding through hole 162, 262, threads 163, 263 on an inner side of a front end thereof, and a threaded connecting section 161, 261 on a tail end, and are inserted in the holding through holes 12, 22 respectively, and can be drawn forwards to stick out from the shank parts 1, 2 and threadedly engaged with the threads 121, 221 at the threaded connecting sections 131, 231; the stick parts 13, 23 have a threaded connecting section 131, 231 at a tail end thereof, and are inserted in the holding through holes 162, 262 respectively, and can be drawn forwards to stick out from the connecting parts 16, 26 and threadedly engaged with the threads 163, 263 at the threaded connecting sections 131, 231. Consequently, the chopsticks can be lengthened according to the user's need.

From the above description, it can be seen that the chopsticks of the present invention has the following advantages over the currently existing disposable chopsticks:

1. It won't have impact on the ecological environment to manufacture the chopstick because the material of the chopsticks is neither bamboos nor wood.

2. The chopsticks are washable by the user after use, and they don't have harmful chemical residuals thereon.

3. The chopsticks are washable by the user and repeatedly usable therefore they won't cause increase to amount of garbage to use the chopsticks.

WHAT IS CLAIMED IS:

1. Structure of a pair of chopsticks, comprising

(a) a first chopstick, the first chopstick including:

a shank part having a threaded connecting section at a tail end thereof; the shank part having a holding through hole, and threads on an inner side of a front end thereof; the shank part having a receiving recess thereon;

a stick part, the stick part being passed in the holding through hole of the shank part; the stick part having a threaded connecting section on a tail end, which is to be threadedly engaged with the threads of the shank part after the stick part is drawn so as to stick out from the shank part;

a holding member, the holding member having a fit-in protrusion, which is to be fitted on the receiving recess of the shank part for fixing the holding member and the shank part together;

(b) a second chopstick, the second chopstick including:

a shank part having a screw hole at a tail end thereof; the shank part having a holding through hole, and threads on an inner side of a front end thereof; the shank part having a receiving recess thereon;

a stick part, the stick part being passed in the holding through hole of the shank part; the stick part having a threaded connecting section on a tail end, which is to be threadedly engaged with the threads of the shank part after the stick part is drawn so as to stick out from the shank

part;

a holding member, the holding member having a fit-in protrusion, which is to be fitted on the receiving recess of the shank part for fixing the holding member and the shank part together;

the threaded connecting section of the shank part of the first chopstick being threadedly passed in the screw hole of the shank part of the second chopstick to fix the first and the second chopsticks together when the chopsticks aren't in use; the first and the second chopsticks being in an in-use position when they are separate from each other, and the stick parts stick out from and threadedly engaged with the shank parts thereof.

2. The chopstick structure as recited in claim 1, wherein each of the holding members of the first and the second chopsticks has an extension portion, and is fitted in a tube part at the extension portion thereof; thus, the chopsticks can be lengthened.

3. The chopstick structure as recited in claim 1, wherein each of the first the second chopsticks further has a connecting part, which has a holding through hole, threads, and a threaded connecting section on a tail end, and which is inserted in the holding through holes of the shank part, and can be drawn so as to stick out from the shank part and threadedly engaged with the threads of the shank part at the threaded connecting section thereof for lengthening the chopsticks; the stick parts being inserted in respective ones of the holding through holes of the connecting parts; the stick parts being capable of being drawn so as to stick out from

the connecting parts and threadedly engaged with the threads of the connecting parts at the threaded connecting sections thereof for lengthening the chopsticks.