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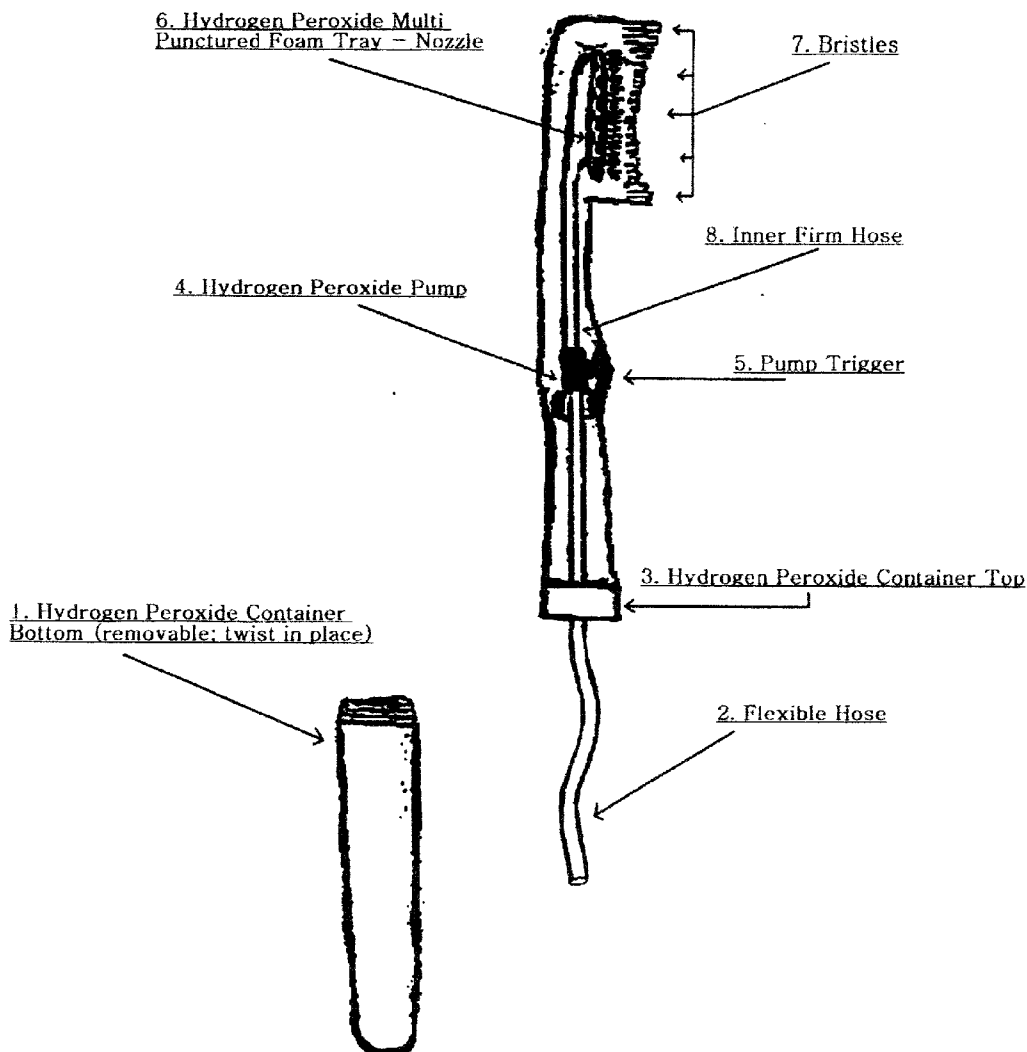
- (54) **HYDROGEN PEROXIDE TOOTHBRUSH**
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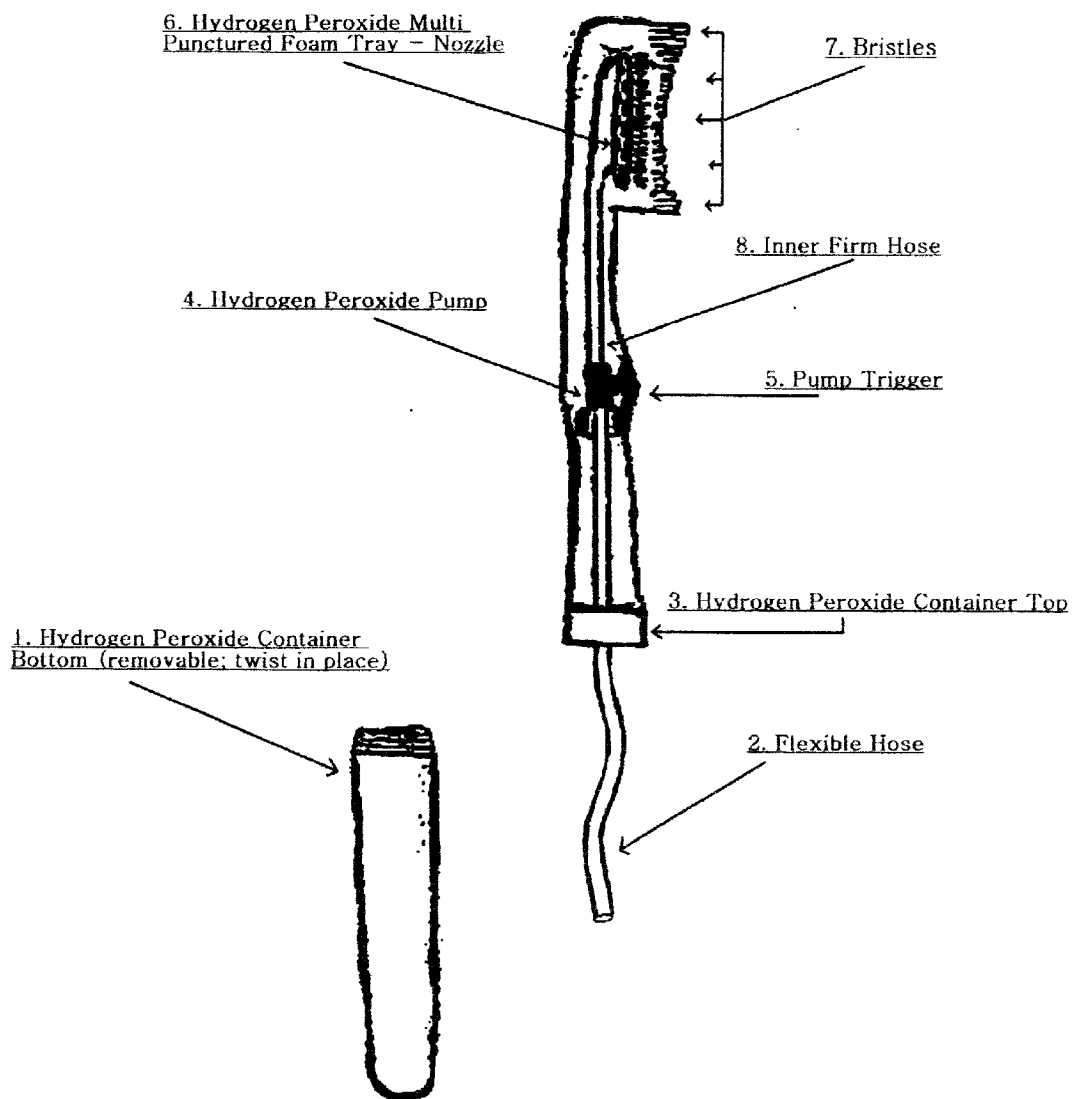
- (52) **U.S. Cl.**
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(57) **ABSTRACT**
The hydrogen peroxide toothbrush is a hand-held teeth cleaning instrument. The instrument has a removable twist-in-place bottom container that is filled with hydrogen peroxide. Once the twist-in-place container is filled with hydrogen peroxide, the flexible hose is inserted into the bottom container. Then, the bottom container is attached to the top container. The attachment is accomplished by, twisting the bottom container, in a circular motion, so the bottom and top container fit tightly together. Next, by pushing the pump trigger with a finger, hydrogen peroxide will get sucked through the flexible hose, through the inner firm hose, to the multi punctured foam tray nozzle, allowing the hydrogen peroxide to be effectively applied to teeth.

Publication Classification

- (51) **Int. Cl.**
A46B 11/06 (2006.01)





HYDROGEN PEROXIDE TOOTHBRUSH

- [0001] This Product Solves What Issue?
- [0002] This product effectively allows a person to apply hydrogen peroxide to teeth.
- [0003] How is the Problem Solved?
- [0004] This product has a removable twist-in-place bottom container that is filled with hydrogen peroxide. Once the container is filled with hydrogen peroxide, the flexible hose is inserted into the bottom container. Then the bottom container is attached to the top container. The attachment is accomplished by, twisting the bottom container, in a circular motion, (like twisting tightly a bottle cap) so that bottom and top containers fit tightly together.
- [0005] Pressing the pump trigger (see #5 of drawing), hydrogen peroxide will get sucked through the flexible hose (see #2 of drawing) through to the inner firm hose (see #8 of drawing), to the multi punctured foam tray nozzle (see # 6 of drawing) , so the hydrogen peroxide can effectively be applied to teeth.
- [0006] How is This Product Different?
- [0007] This product is different because of the internal pumping system of the toothbrush. This product allows a person to spray hydrogen peroxide to his or her teeth while brushing at the same time. In the past, if a person tried to accomplish this, he or she would have to dip the bristles of a toothbrush into a bowl of hydrogen peroxide. The ways of the past were messy. This product eliminates the mess and gets the job done more efficiently.

DETAILED DESCRIPTION OF DRAWING (THE COMPONENTS)

[0008] 1. Hydrogen Peroxide Container Bottom—This component is filled with hydrogen peroxide and twists into place.

- [0009] 2. Flexible Hose—This component is like a garden hose in flexibility and liquid travels through it.
- [0010] 3. Hydrogen Peroxide Container Top—This component is very much like a bottle, as the hydrogen peroxide container bottom is like a bottle cap.
- [0011] 4. Hydrogen Peroxide Pump—This component pumps the hydrogen peroxide through the product.
- [0012] 5. Pump Trigger—This component activates the pumping action.
- [0013] 6. Hydrogen Peroxide Multi Punctured Foam Tray Nozzle—This component is evenly punctured with holes, so the hydrogen peroxide can be evenly sprayed to the teeth.
- [0014] 7. Bristles—This component is “hair-like”. It works as an abrasive aid in cleaning the teeth.
- [0015] 8. Inner Firm Hose—This component allows fluid to run through it, and it connects the inner components of the toothbrush together.
- [0016] Relationship of Component Parts
- [0017] The Flexible Hose is inserted into the Hydrogen Peroxide Container Bottom. The Hydrogen Peroxide Container Top attaches to the Hydrogen Peroxide Bottom. The Hydrogen Peroxide Pump is attached to the Pump Trigger and Inner Firm Hose. The Inner Firm Hose runs from the Hydrogen Peroxide Container Top to the Pump Trigger and Hydrogen Peroxide Pump to the Hydrogen Peroxide Multi Punctured Foam Tray Nozzle. The Hydrogen Peroxide Multi Puncture Foam Tray Nozzle is connected to the Bristles.

1. A hand-held teeth cleaning instrument comprising of an internal pumping system that effectively sprays hydrogen peroxide to teeth.

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