

Eco- Peeler

Main Idea:

Eco- peeler is created for everyone to clean up easily and peel fruit easily. Because every time when we peel fruit or vegetable with a regular fruit or vegetable peeler most of the time it ends up having a huge mass of fruit or vegetable remains everywhere. This fruit and vegetable peeler will peel you fruits and vegetables very easily and you won't end up having a huge mass and you can easily dispose the remains with the recycle bottle.

KEY FEATURES OF CREATIVITY & CHARACTERISTICS OF INVENTION:

The invention is the first peeling tools in the world to use the bottle as a remains collector with knife holder function. The peeler mount can be attached for most of the PET bottle in the market, and the bottle attached can be used as the handle for the user to gesture. The peeled remain will be collected in the PET bottle and be disposed without cleaning.

FUNCTIONS:

The invention is served as a peeler of fruit and vegetable with disposal solution. It can also be served as a knife holder for cutting the fruit into pieces, providing one stop solution for peeling cutting and disposal without much cleaning work. It good to use in household, as well as outdoor. People can enjoy health diet anywhere with the invention portable size.

CONTRIBUTION:

PET bottle is a global problem. Almost 8 million metric tons of plastic end up in the world's oceans annually, according to a 2015 study from the University of California Santa Barbara. Human being are endangering ocean everyday. With the upcycling of PET bottle in the invention, it can rise people awareness of the bottle using. The upcycle can also save the energy consume in recycle process. People

living in city also suffer from different health problem with the unbalanced diet. The invention can help to encourage people who live in city to eat more fruit with it easy disposal features.

MARKETABILITY:

The cost of fruit and vegetable peeler will be very low which is up to \$20 HKD for each fruit and vegetable peeler. The cost is not different form a traditional peeler. With is mullite-functioning nature, it market exposure is forseable.