



Putra Pro-Cut[®] & Putra Fast-Snap[®]

Innovative Apparatus for Marcotting Technique

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BRIEF TECHNOLOGY

- This combined technology is a process to innovatively ease the marcotting process
- The combined technology can either comes alone (the applicator) or together (applicator + marcotting device)

PROBLEM STATEMENT & CURRENT ISSUES

- Current conventional marcotting process produces wastage in term of resources (manpower, productivity and time)
- Quality of the marcotting is not up to standard/uniform albeit the vast experience of the personnel

INVENTIVENESS & NOVELTY

- Easy, safe and fast
- An incision guider, peeler, cutter and holder
- Design and produced by personnel with vast experience in plant breeding and propagation

USEFULNESS & APPLICATION

- Cost savings and maximize work efficiency

IMPACT OF THE PRODUCT / ADVANTAGES

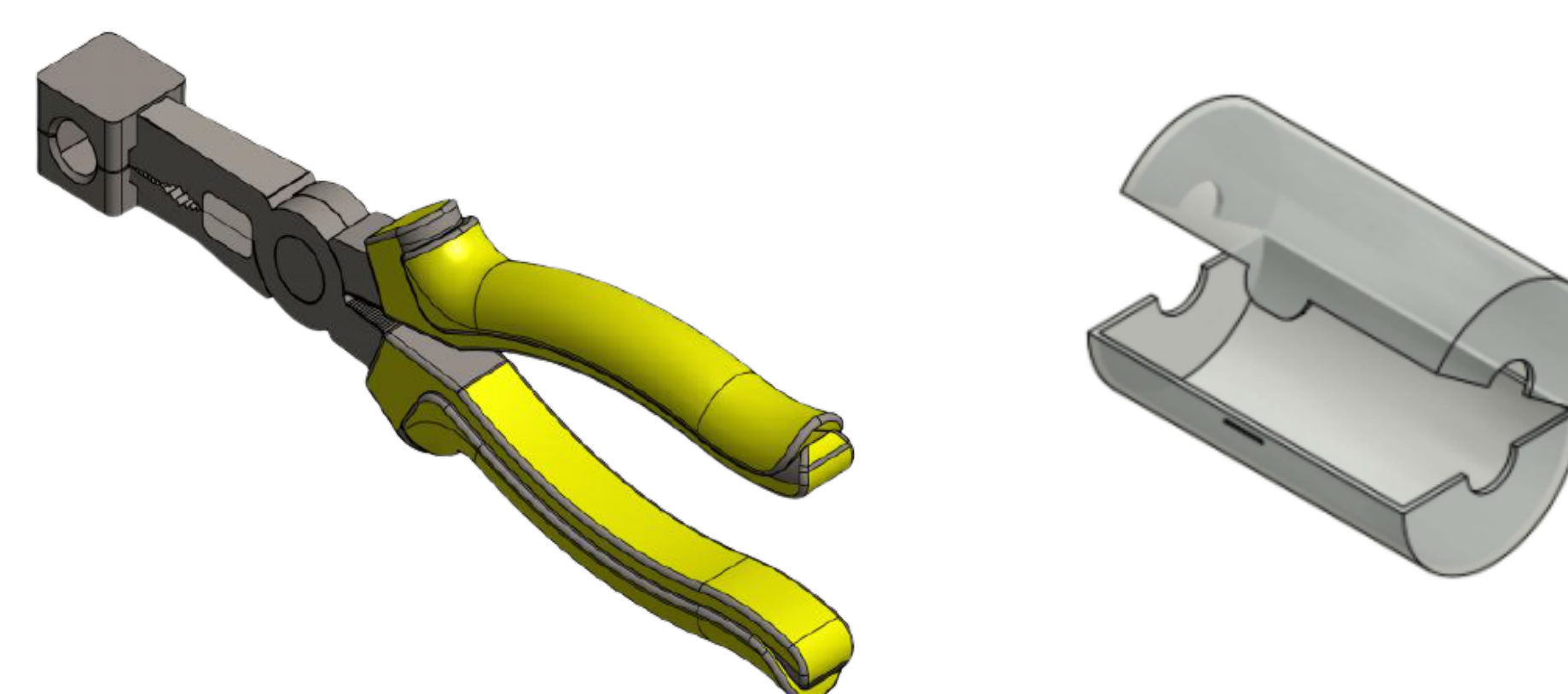
- Prevent repetitive marcotting process and avoid injuries to applicator
- Uniformed application and faster work process
- Uniformed incision, avoid redundancy in work process, eliminate tedious work in marcot preparation

MARKET POTENTIAL

- Can be utilize in large orchard farms or nurseries
- A must-have tool for plant cultivation enthusiast
- It is easy to manufacture at a very low cost and manufactured in bulk

TRL 7- Demonstration of prototype

- Demonstrated in operational environment – TPU's orchard and nurseries facilities
- Ready for limited production decision



Project Leader : The Budders, TPU
 Dept./Faculty : University Agriculture Park
 Email : mdrozaidi@upm.edu.my
 Phone : 03-97691399
 Expertise : Plant Propagation



www.sciencepark.upm.edu.my