Ergonomic Handle to Catch, Release and Press the Tree Sapling in to the Soil.

The Catch Mechanism opens up and the sapling root is caught just over the Root Collar of the Tree Sapling

Lock Mechanism when Released can Adjust the depth of cut for the Shovel, which is adjust for different sized Tree Saplings.

The Shovel is Designed for easy access when digging back the Soil. Once the Shovel is Dug the required depth, move mechanism Forward, and plant the tree sapling. Only requires one movement.
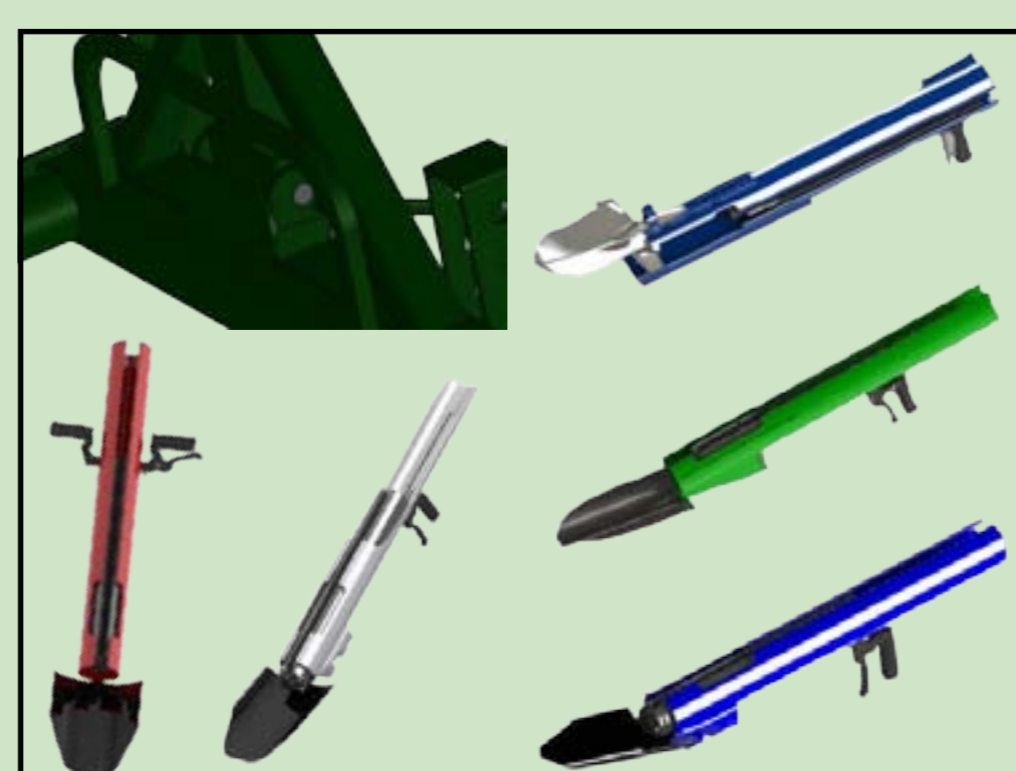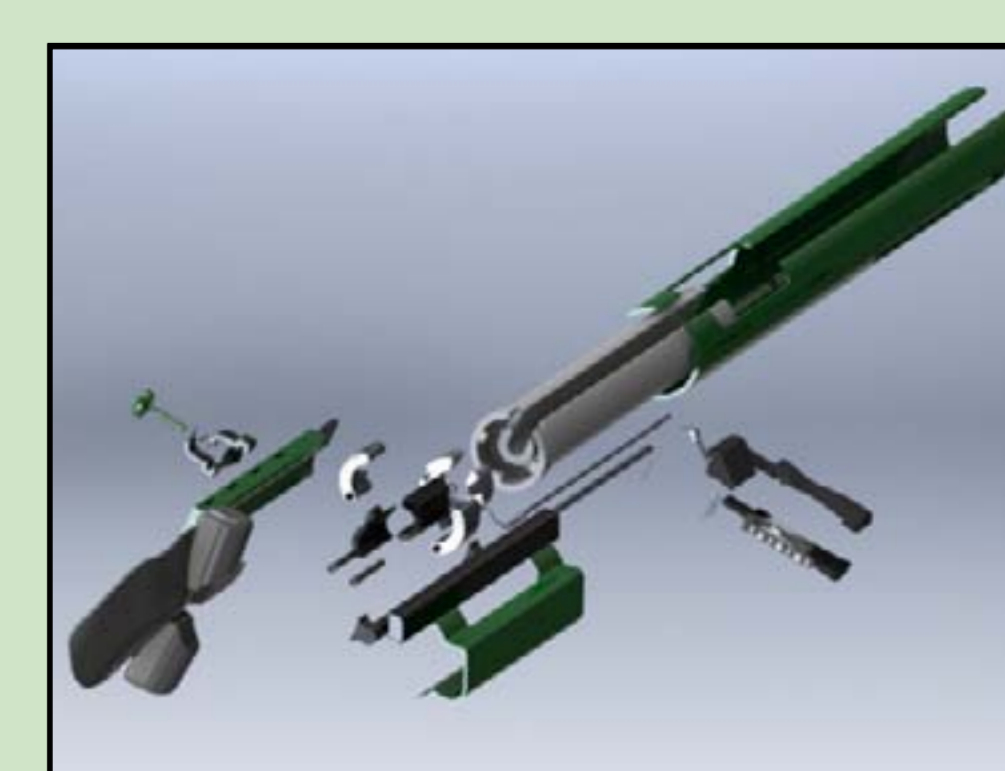

| Drawings | Development Drawings | Test Models | Testing | Final Model | Exploded View |