



Darth Weeder

LAWN MOWER ROBOT FOR WEED CONTROL



Damned weeds!

Plants growing in undesirable locations are called weeds. They are a big problem, so we

- Poison them
- Burn them
- Zap them with high voltage
- Steam them
- Yank them

These methods are bad for the environment, bad for the climate, labor intensive, expensive, and/or dangerous.

Even the most resilient grass does not like to be touched repeatedly.

Instead of killing weeds by drastic means, can we simply touch them now and then?

And how often would we have to touch them?

By which light saber should we touch them?

Perhaps with something abrasive, such as a steel broom or sandpaper?



Lawn mower robots are great.

They go silently about their business and keep the lawn perfect by daily persistence, completely unlike the noisy traditional mowers with powerful combustion engines.

They are also highly developed, relatively robust and becoming inexpensive.



The Idea

Let's investigate by experiments how much and how often we must touch typical weeds to stress them (BIO).

Let's modify a lawn mower robot to "touch" areas, such as a driveway, often enough to stress the weeds (Robotics).

Let's develop a product that can be added to a commercial lawn mower to turn it into Darth Weeder, the business case (Business/Product Design).

