

MOCKUP REVIEW

Purple Team B

MOWERCYCLE

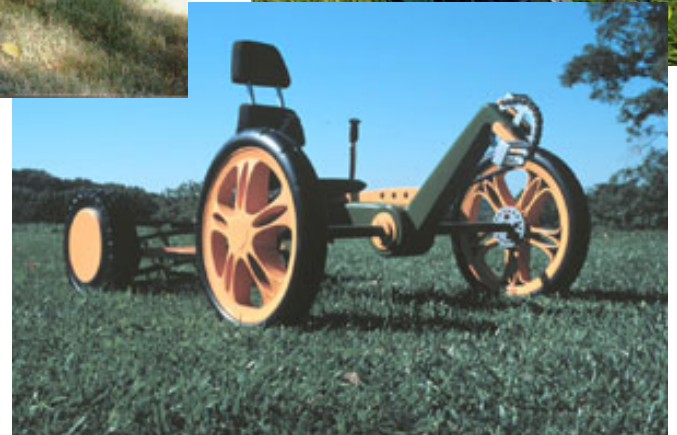
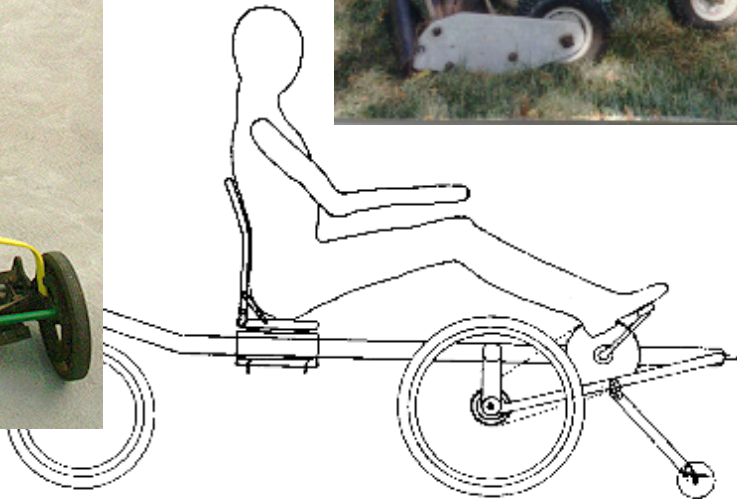
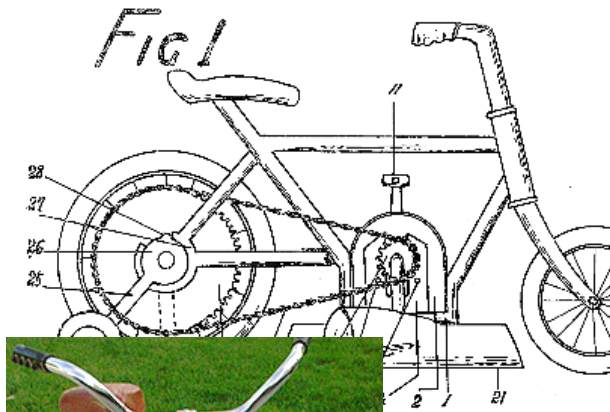
A human powered lawnmower

- Reduces air pollution
- Promotes a healthy lifestyle
- Fun and functional

In one hour a conventional mower creates as much pollution as driving a car 100 miles.

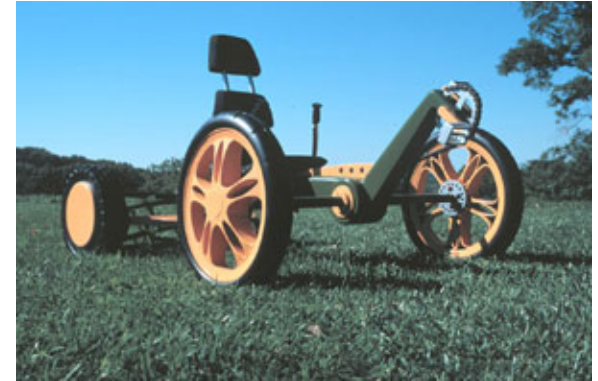
(Environmental Protection Agency)

Previous Attempts



Improved Concept

- 4 Wheels
- Low Center of Gravity
- Mower in front



Key Customer Needs

- Effective Cutting
- Stability
- Affordability
- Maneuverability

Key Customer Needs

- ✓ Effective Cutting
- Stability
- Affordability
- Maneuverability

Key Customer Needs

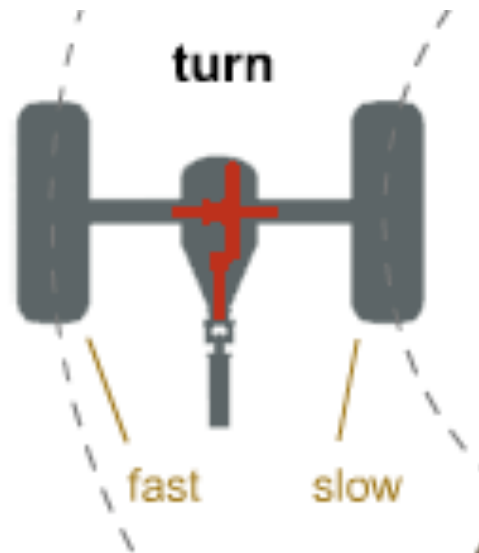
- ✓ Effective Cutting
- ✓ Stability
- Affordability
- Maneuverability

Key Customer Needs

- ✓ Effective Cutting
- ✓ Stability
- ✓ Affordability
- **Maneuverability**

Maneuverability Issues

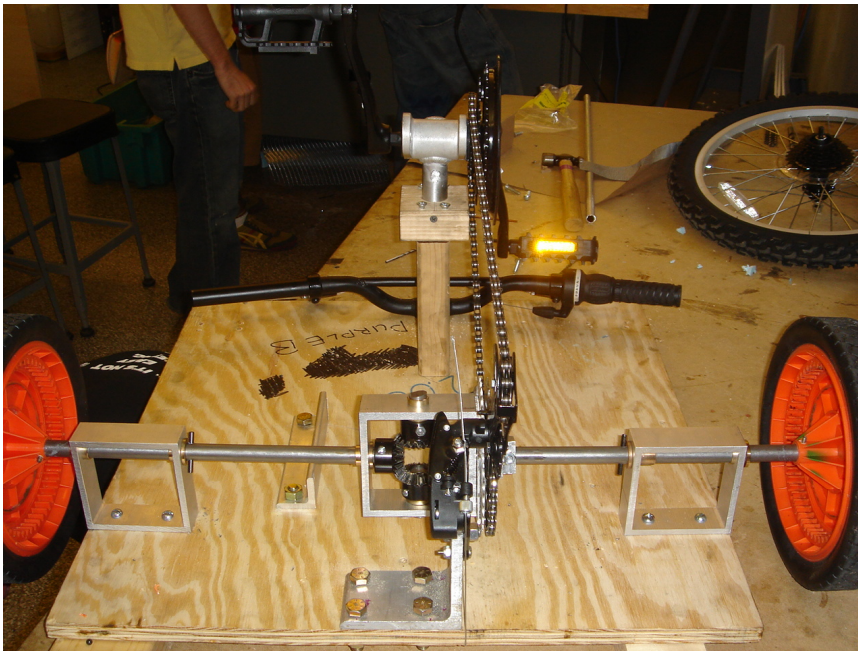
- Design incorporates 4 wheels



- Drive wheels must be capable of rotating at different speeds

Our Potential Solutions

- 2-Stage Differential



- Continuously Variable Transmission

