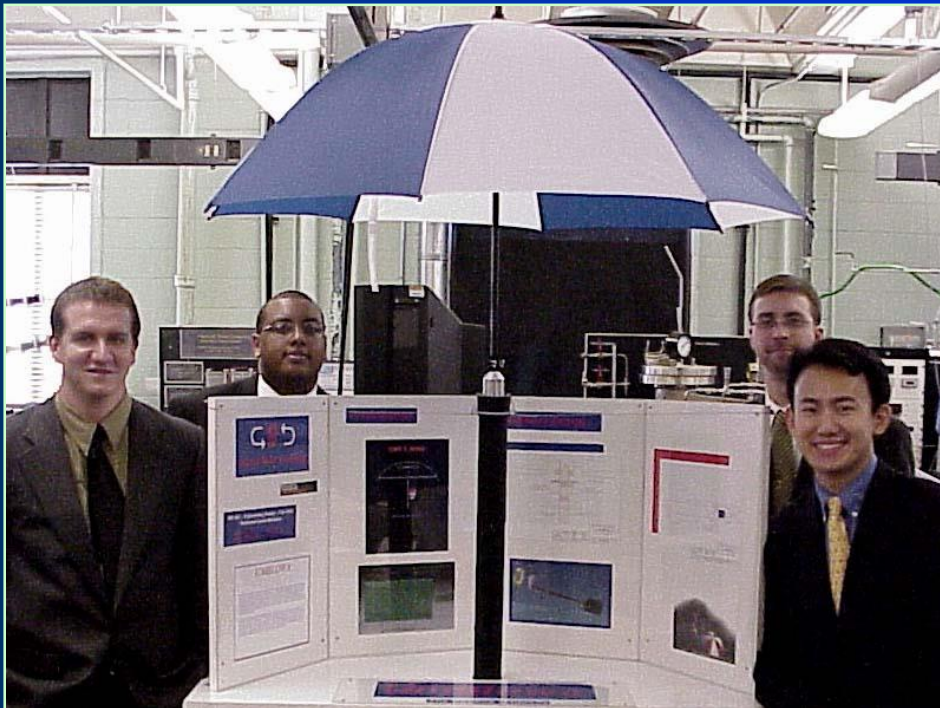


Fan-Cooled Umbrella for Summer Events

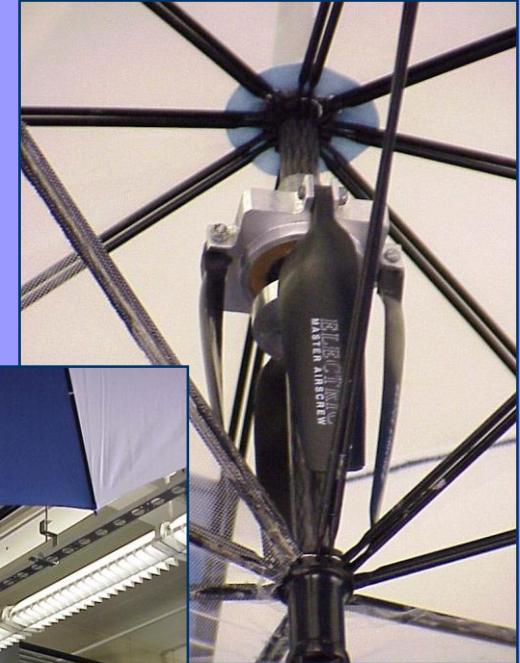
Dan Karasek, Aaron Mauck, Mihyar Mohamed, Ivan Tew

Key Goal:

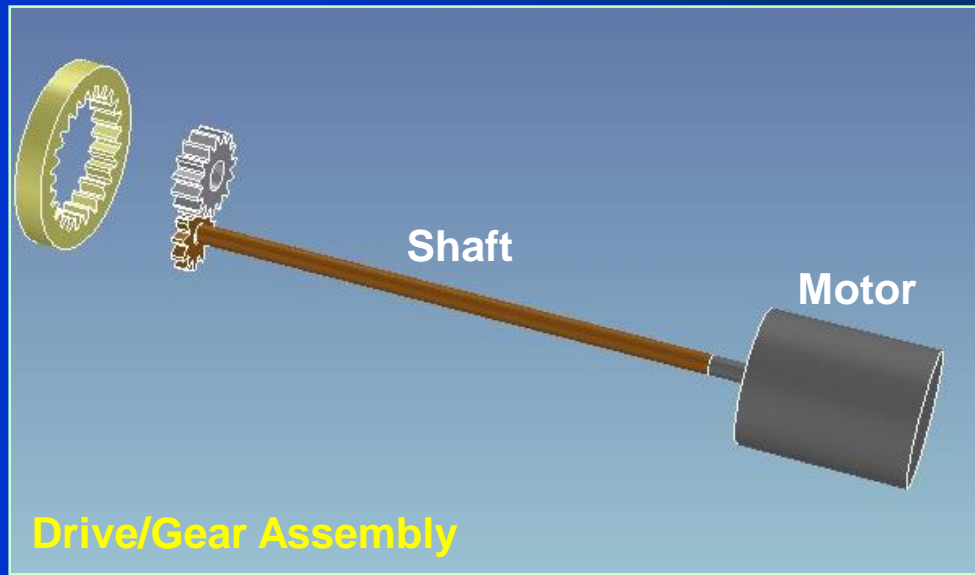
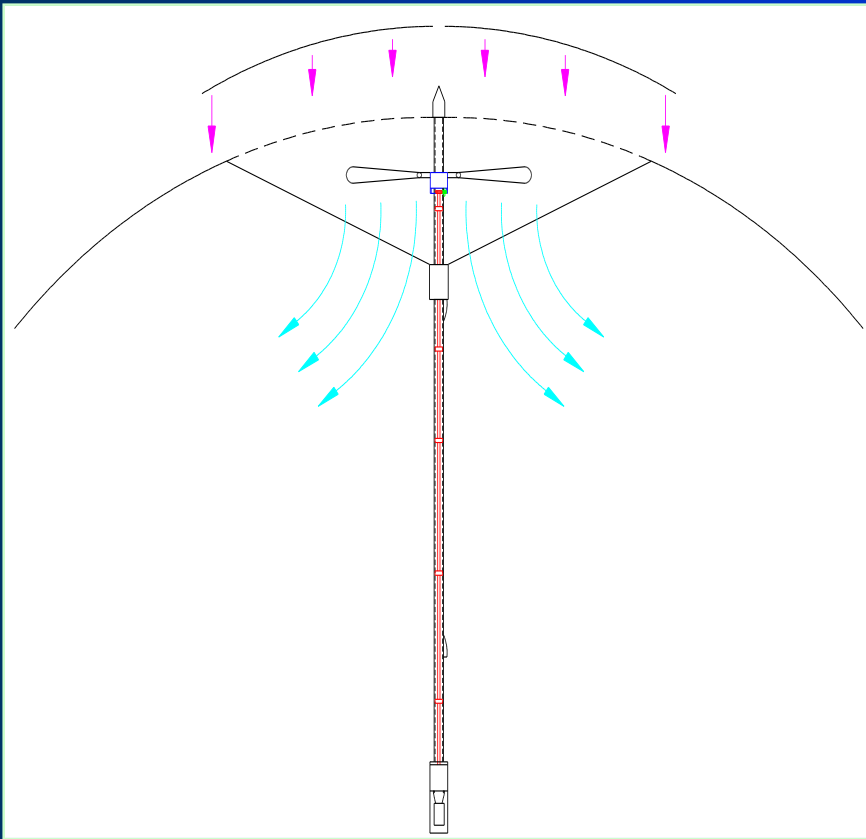
Develop lightweight, inconspicuous, and affordable modified umbrella to meet cooling needs of persons engaged in outdoor sports events such as golf, equestrian, or polo, or those hiking, walking, or picnicking.



Fan Assembly



Handle/Motor Assembly



Design Features:

- Continuous umbrella shaft design
- Keeps motor close to handle
- Minimizes wiring
- Incorporates foldable fan blades
- Inconspicuous when when umbrella is folded as well as during use

