This week the team focused on insulation and PCB finalization for the identification device. The new amplifiers and speakers were also ordered and should be in this week. Once this is done we will be able to assemble the second amplification system.
Figure 3. PCB for the Amplification Circuit

Future Work:

Next week, I will order the PCB and assemble the second voice system.

Project Review:

The team is moving forward with this project, and following the timeline.

Hours Worked: 6
Backpack Lever Arm

By: Nahum Kryzman
Week 10 Report
4-7-08

Work Completed:
This week was focused on mechanical assembly of the lever arm. This included the integration of ball bearing in the hinge assembly in order to reduce friction while maintaining a high level of rigidity. The next step was the mounting of the motors. This is slightly different from the original setup due to the new hinge construction. The picture below illustrates the new design. The PCB circuit for the lever arm was also finalized and approved.

Figure 1. Lever Arm System
Future Work:
During next week, I will order the PCB and help with the mechanical aspect of the lever arm.

Project Review:
The team is nearly finished with the main construction. The important tasks now are to finalize assembly with motor covers, integrated battery, and PCB.

Hours Worked: 10