1. Should be safe
2. Should have Faraday cage
3. Should be able to withstand high temperatures
4. Should be structurally sound
5. Should maintain mechanical integrity throughout use
6. Should be able to lower one electrode using mechanical button
7. Should be able to retract electrode
8. Should allow for 360 sound distribution/should project sound in one general direction
9. Should have 3 connections (ground, positive, negative)
10. Should not exceed ozone levels that are able to be withstood by humans
11. Should hold 2 electrodes a specified distance apart
12. Should be able to withstand vibrations while maintaining mechanical integrity and sound integrity
13. Faraday cage should have a radius larger than the electrode separation distance
14. Should house other electrical components separated from plasma arc
15. Should be stable
16. Should be strong
17. Should be reasonably small
18. Should be made of a nonconductive material for the parts holding the electrodes