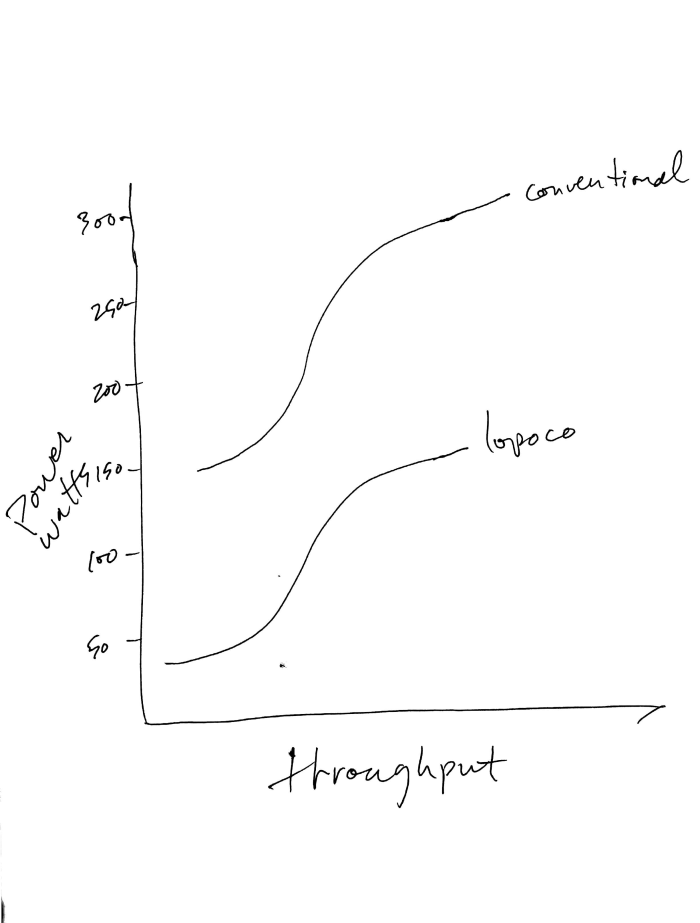
Figure 1



Notice how the curves don't align vertically. That's because we're willing to give up a small percentage of unneeded performance for large increases in efficiency. I tried to draw the curves to indicate less than 10% performance difference. For many applications that are not CPU bound, the actual throughput difference will be neglibilble.

Figure 2

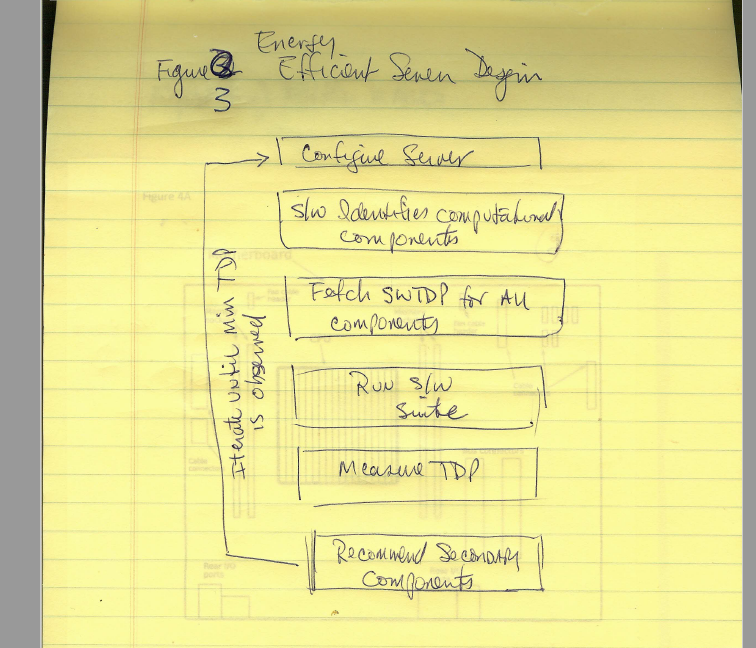


Figure 4

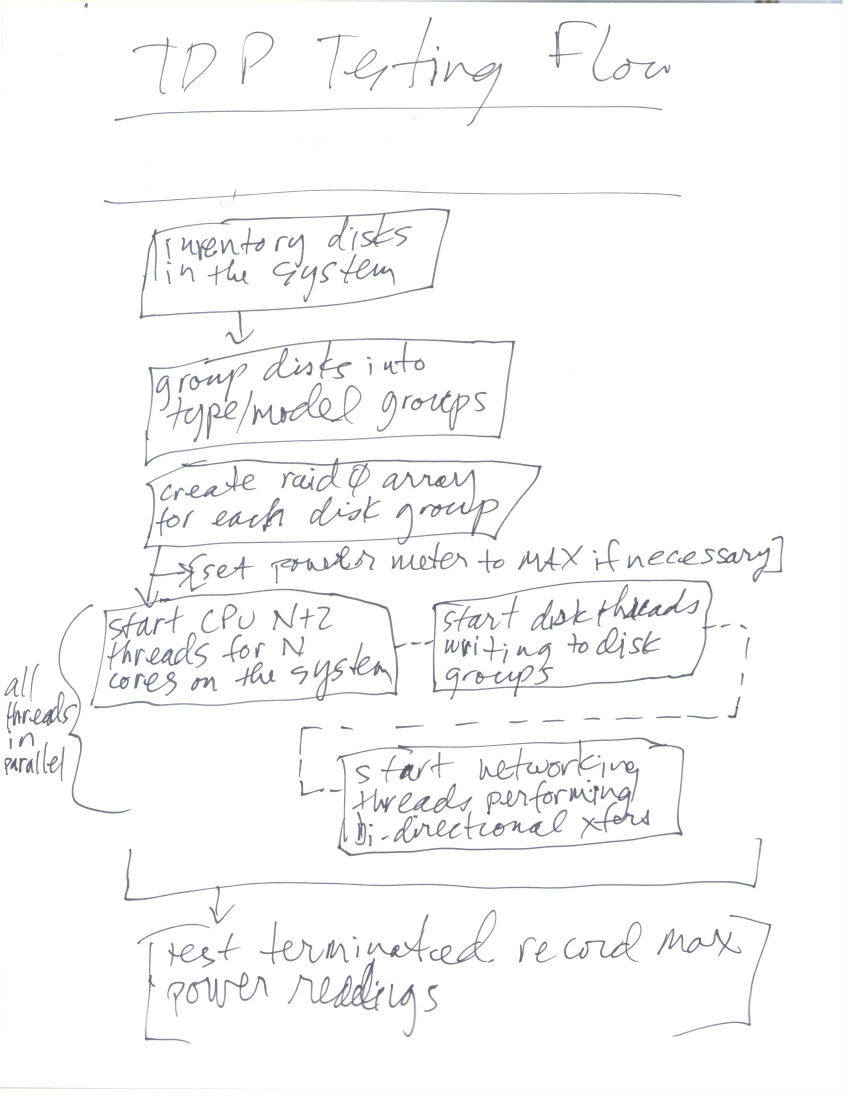


Figure 5A

[External PDF Document drawing-efficient-server-motherboard.pdf]

Figure 5B Mother Board Side View Airflow

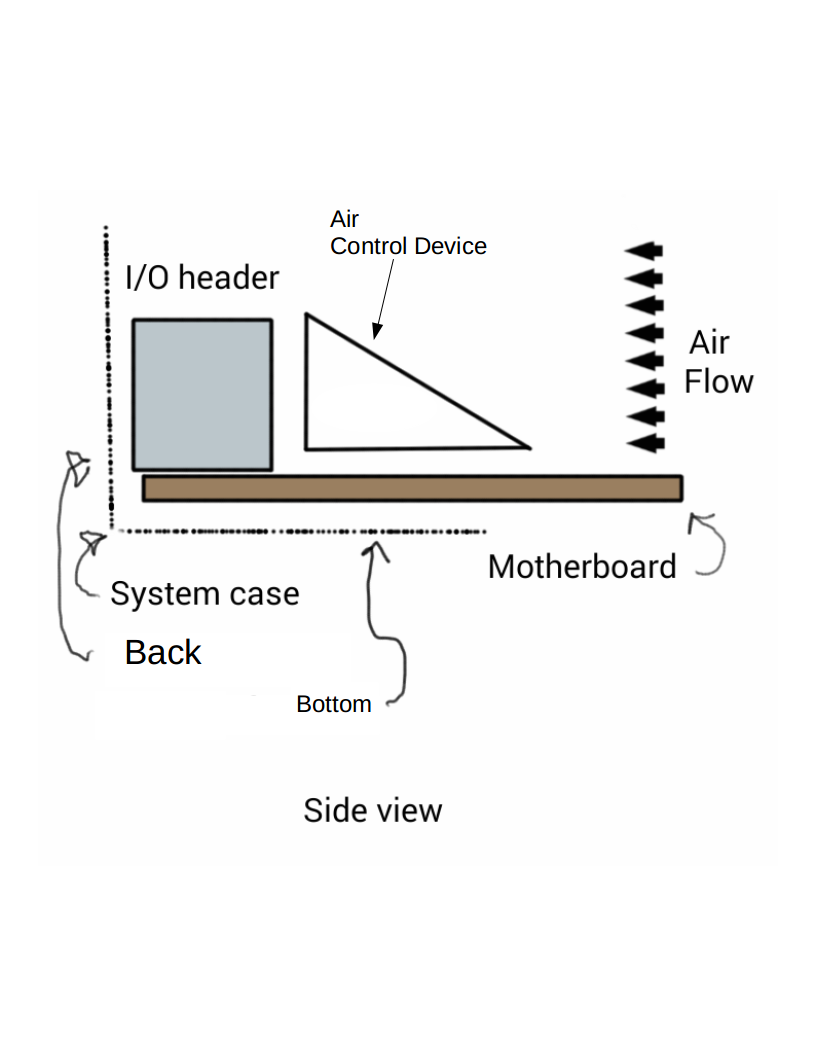


FIG 6

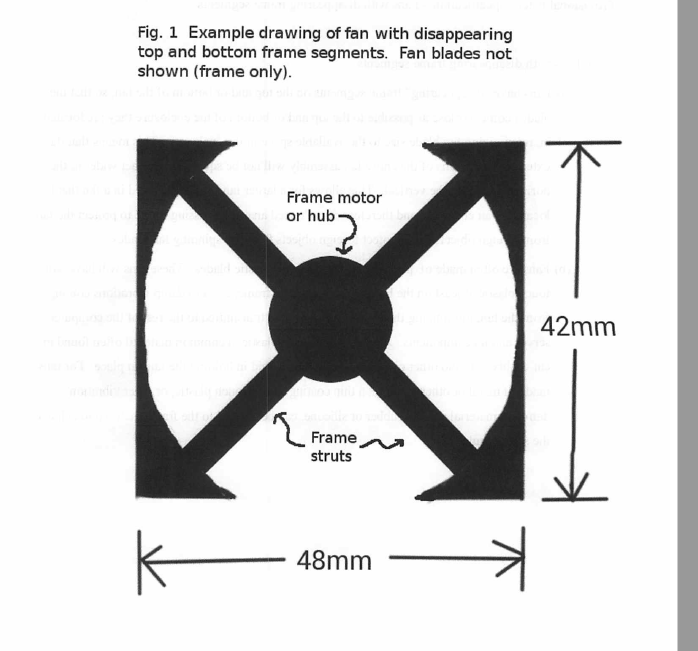


FIG 7

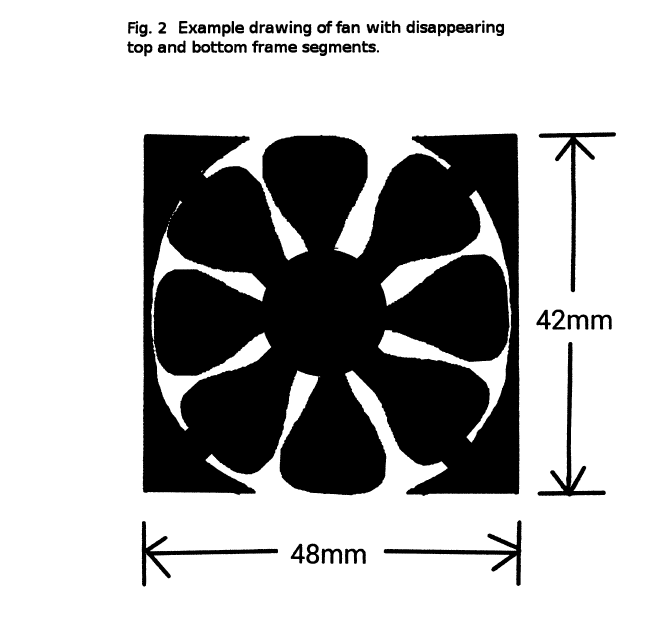


FIG 8

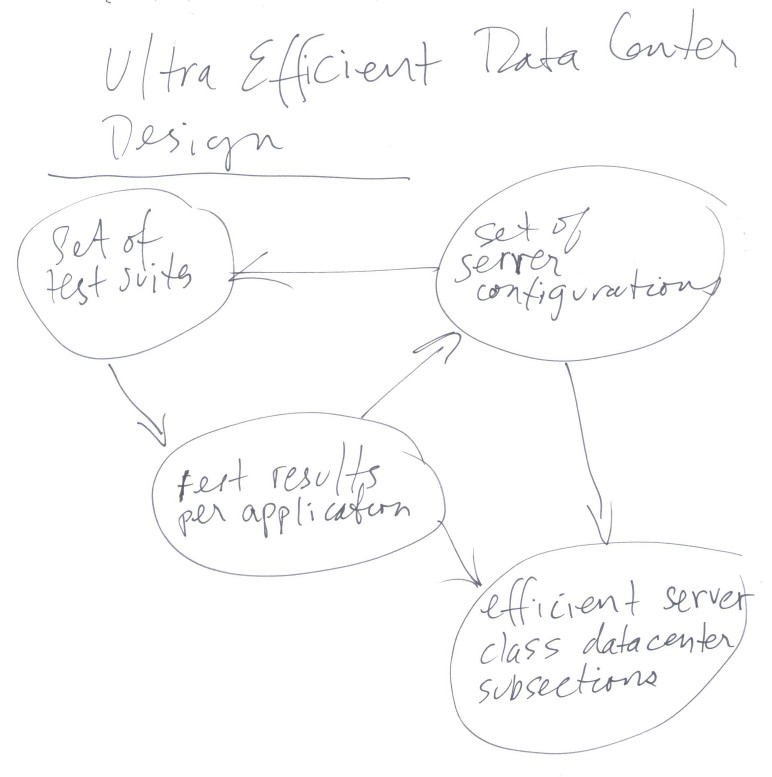


Figure 9.

