Brass Bed (Personal CAD Project)

Isometric View of the bed

This project was taken from a previous design found on antiques.com. The picture of the design from the website is below as well. This project was a very interesting one for me. I picked to replicate the brass bed because it is exactly the same bed that I have a home. When I was thinking of something to design, the bed in my room popped up in my head and I ran with it. The hardest part of this project was actually the assembly. It was very difficult to place all of the pieces in the right places. I had to redo it a few times because the design was not cooperating with me. The single hardest part was the single pipes that go from the top of the base/head boards to the cross pipes. I learned a lot from this project. If I had not done this on my own, my skills would not be to where they are now. Over the course of the project, I learned to convert entities, and really take advantage of the reference geometry. Each of these things saved me a lot of time. I also became very familiar with lofts, extruded bases/extruding cuts, and sweeping. I took everything that I learned over the course of the semester and put it into the project. The project, to me, was a lot of fun. I got to test out what I knew on Solidworks and figure out what I didn’t know. I enjoyed using my own design instead of following directions. I felt like I had a lot of freedom. Overall, I enjoyed this project a lot.
The original design that I used in my project


The Front View of the bed
The Right View of the Bed

The Top View of the Bed
Drawing of the Bed