Beats by Dr.Dre Studio 3D Model by Da Min Lee

This is a commercially available product called ‘Beats by Dr.Dre Studio’. It is a product from company called ‘Monster’ and its Dr.Dre edition white version.

It is a popular product as a high-definition sound producing headphone. Its official price is 299.95 US dollar without tax.

Source:

Personal CAD – Beats by Dr.Dre 3D Solidworks Model
This is my 3D Solidworks Model for Beats By Dr.Dre. I chose this product as my personal CAD project because it is one of my valuables that I take care of. I have the exact same model in real life and it is my best partner whenever and wherever. Since I was in the high school, I needed a good headphone because I was in the band. Noise-cancelling headphone was needed and I found this product. Its appearance is good and performance was even better. Thus, I decided to buy one. When I first came to US, I had been to several different stores to find Beats By Dr.Dre being sold at good price, but it was fairly expensive than online price. When I went to PSU Computer shop, I was shock; there was a student discount which was a huge discount, so I bought it at the same day arriving to US.

While I was building this model, there were several circumstances such as misunderstanding of radius to diameter made me to redo the whole parts of solidworks again; inner side part has several different pieces which was meant to be one piece since I failed to make a piece; and there were a lot of repeated exercise for specific parts of headphone such as the ends of cable, switch on the right side head, and details of head. However, everything is done very well.

One of my hobbies is playing electric guitar. As mentioned earlier, it is my partner that gave me a chance to experience better sound of electric guitar and music.

During this project, I realized that even copying the design of qualified product is difficult; therefore making a new product is much more difficult. It was a fun time and at the same time, it was a time that makes me realize that there should be an effort to succeed on every single parts whether it is a part of headphone or a part of my life.