Abstract

A parametric feature based jewelry modeler for designing and manufacturing of the Fret-worked bangles. These bangles are made from gold and adorned with fretwork designs. Fretwork is a decorative design that is either carved in low relief on a solid background, or cut out to adorn a jewelry item. Fretwork designs are viewed as features that are to be recurrently removed from the stock-solid bangles. The jewelry modeler supports diverse integrated manufacturing through computer controlled manufacturing. Fret-worked bangles are fabricated using rapid prototyping technique.

Reference

- Wannarumon S. and Bohez E. L. J., 2004, Rapid Prototyping and Tooling Technology in

**Index Terms**

Computer Science  
Modeling Techniques

**Key words**

Jewelry modeler  
Bangles  
Parametric Feature Based