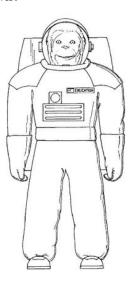
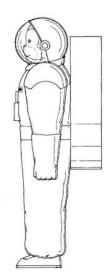
TeachEngineering.org – Free STEM Curriculum for K-12

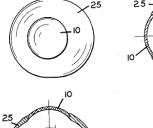
Detail Drawings Quiz

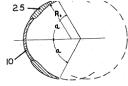
1. The following two views are taken from U.S. patent filing Des. 428,078 (Monkey Doll). Which views are shown?

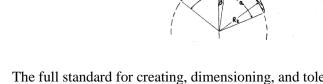




2. The following three views are taken from U.S. patent filing 2,196,066 (Contact Lens). Which views are shown?







3. The full standard for creating, dimensioning, and tolerancing detail drawings is rigidly controlled by a sizeable document titled, "ASME Y14.5 and ASME Y14.100 Dimensioning Tolerancing and Engineering Drawing Practices Package." Learning the entire standard is similar to learning a foreign language! Explain why the rules and procedures for creating detail drawings are so comprehensive and thorough?