

ABSTRACT

The present invention revolves around the mass manufacture assembling of a silicone tube inside a fabric tube via magnetic levitation. This assembly of long tubular form components are not limited to fabric and silicone and can be in other materials such as polymer or wood. Due to the limited outstretched arm span of a human operator, it is necessary to have this assembling done via magnetic levitation and other automated jigs. The newly devised assembly would have a perforated or non-perforated mandrel that is magnetically levitated. Through the use of magnetic levitation, the mandrel with silicone tubing is levitated in a stable position above a certain predefined distance from the ground. After which an elongated fabric tube will be pulled over the levitated mandrel with the silicone tube already on it. Once the fabric tube is fully over the mandrel, the silicone tube inside the fabric tube will be assembled.

Use **Figure 1**.