Abstract

REMOVABLE SUPPORT FOR FREE FORM OBJECTS

A method for forming a downward facing surface of an object by additive fabrication is provided. The method begins by providing a supply of support material, which is used to form droplets. The droplets are dispensed towards a target to form a removable support. Instead of fusing, the droplets remain discrete throughout the process. The method also provides a supply of object material, which is deposited onto the removable support to form the downward facing surface of the object. When the removable support is no longer needed, it is removed.

(Fig. 8)