

ABSTRACT

A liquid-filled variable focal length lens of the type which has a distensible membrane as one of the lens surfaces, and a membrane support member to support the perimeter of the free area of the membrane. By using a membrane support member having a toroidally shaped portion, the membrane is supported such that it has a circular free area irrespective of the shape of the perimeter of the lens. The cross sectional shape of the toroidal portion of the support member is preferably approximately an arc of a circle, and the perimeter of the free area of the membrane is maintained tangent thereto.

This Sheet Has Been Replaced

