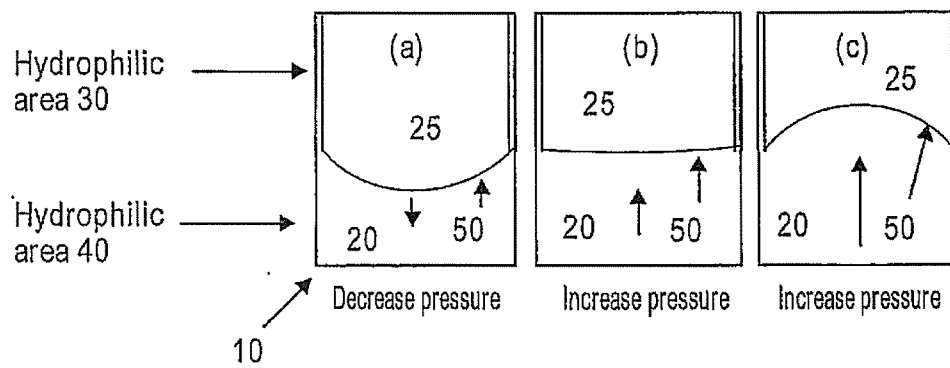
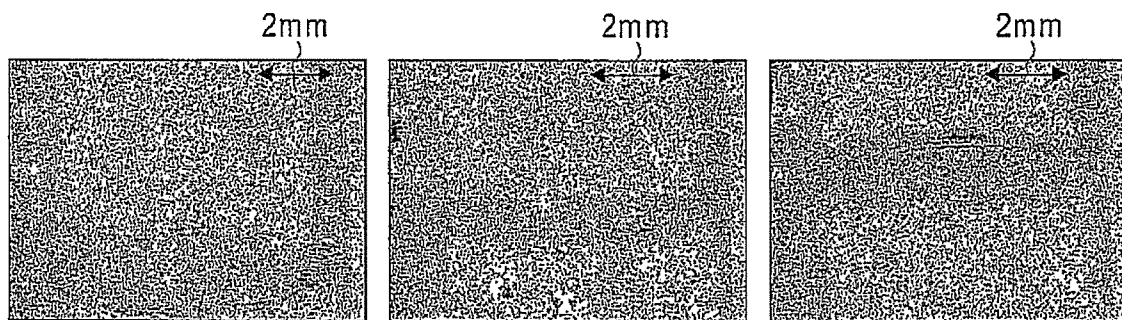




Dynamic focus achieved when a liquid-liquid or liquid-air interface is shifted across a boundary of different surface energy areas

FIG. 1



Radius of curvature variations with pressure of a 6mm diameter water- Polyphenyl-methylsiloxane interface found at the glass- Teflon junction.

FIG. 2

An adjustable focus liquid lens system having a solid lens in direct contact with two liquid lenses in a variable sized tubular housing

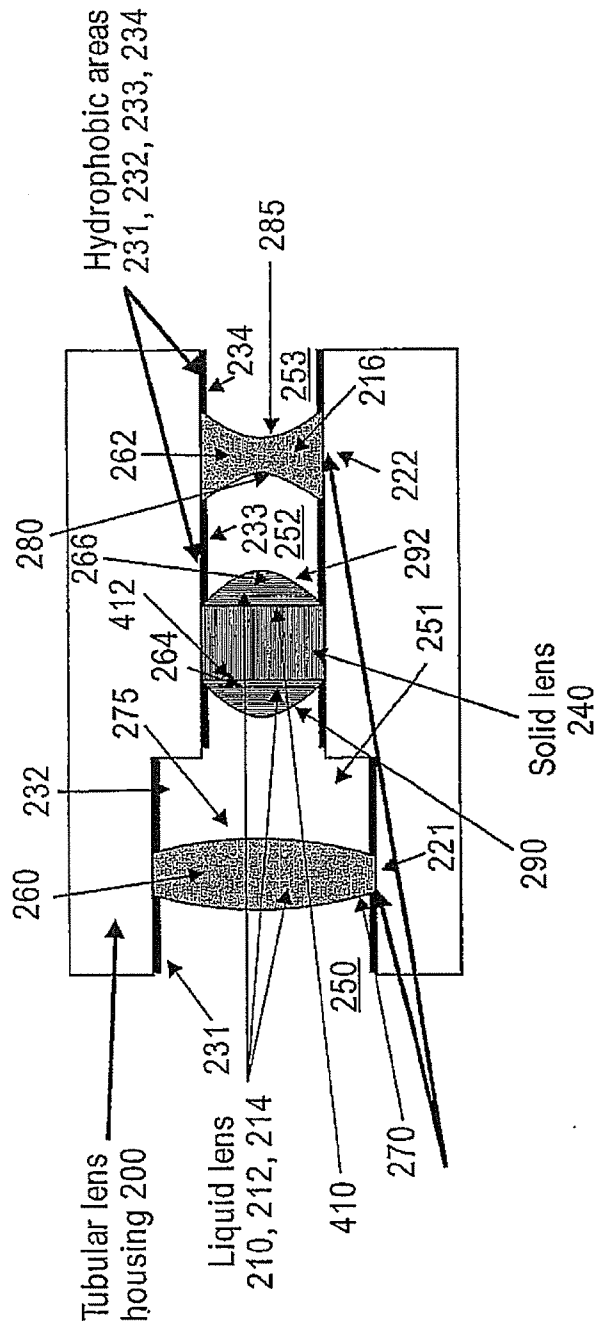


FIG. 4

A schematic showing the application of liquid film on the enclosing window of a lens housing and liquid film lens assemblies.

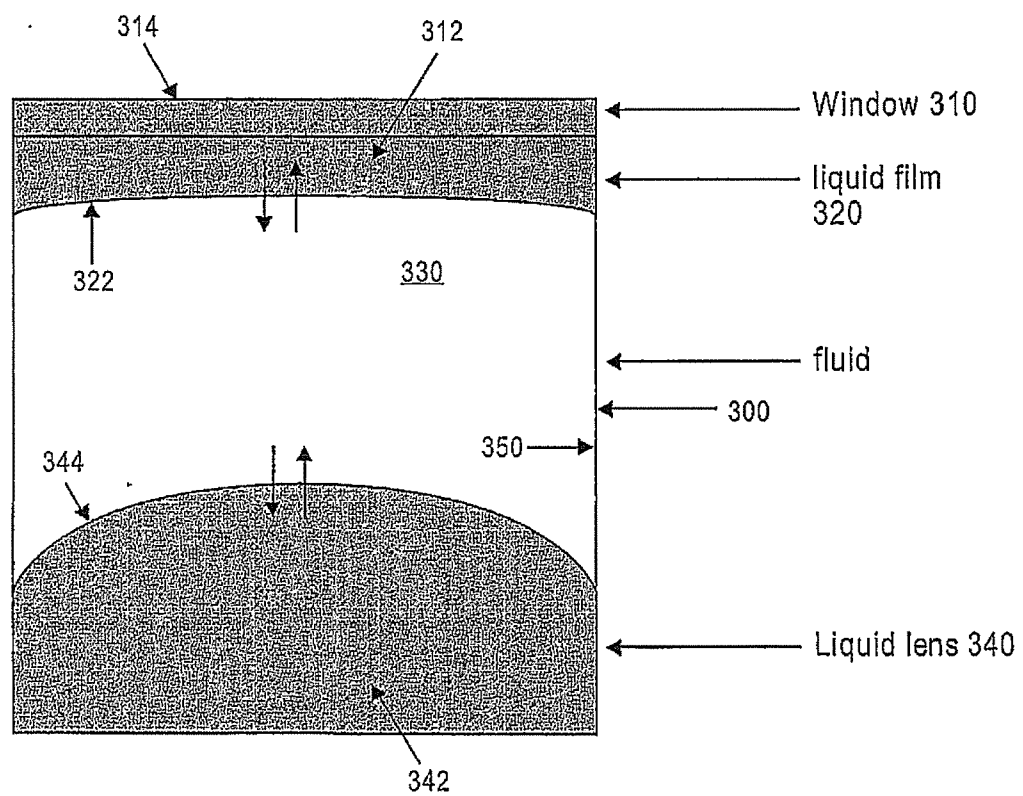


FIG. 5

Images of an adjustable focus liquid lens having a water film on the enclosing window of lens housing.

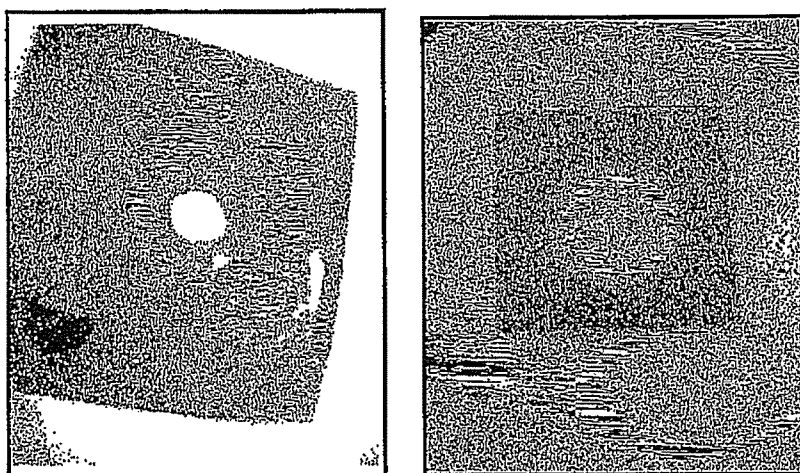


FIG. 6