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(71) Applicant: **Kawesch, Glenn**
San Diego, California 02130 (US)

(72) Inventor: **Kawesch, Glenn**
San Diego, California 02130 (US)

(74) Representative: **Gemmell, Peter Alan, Dr. et al**
Dummett Copp,
25 The Square,
Martlesham Heath
Ipswich, Suffolk IP5 3SL (GB)

(54) **Apparatus for Improving LASIK flap adherence**

(57) An apparatus for surgical vision correction comprises:

a means for resecting at least a portion of a cornea of an eye to expose an inner layer of said cornea;
a laser apparatus for ablating said exposed inner layer of said cornea to produce a desired corneal topography;
a source of sterile solution for floating said resected portion of said cornea back into its original position on said eye;
a source of compressed air for drying said eye, said source of compressed air including volume and pressure regulators to control the flow of said compressed air; and
a microscope for viewing said repositioned portion of said cornea to ensure proper orientation and smoothness and for viewing a gutter substantially circumferentially surrounding said replaced portion of said cornea while said replaced portion is being dried in its original position.

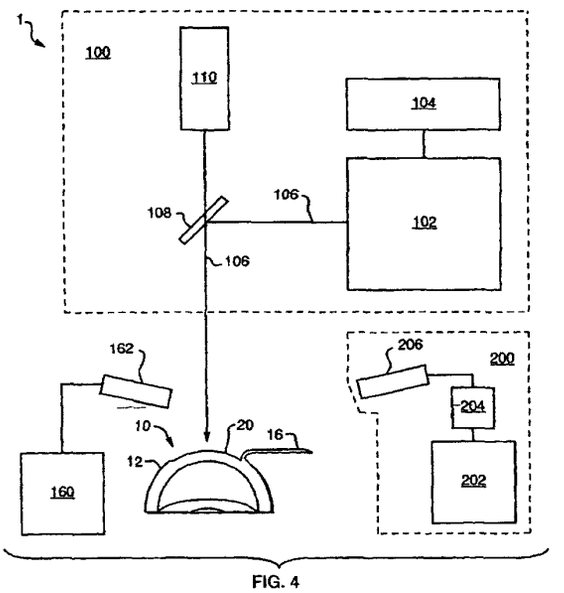

FIG. 4

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