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Wottke et al.

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(54) **PLANNING SYSTEM AND PROCEDURE FOR EYE SURGERY**

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USPC 606/4–6, 10–12; 351/205–212; 623/4.1, 623/5.11; 128/898
See application file for complete search history.

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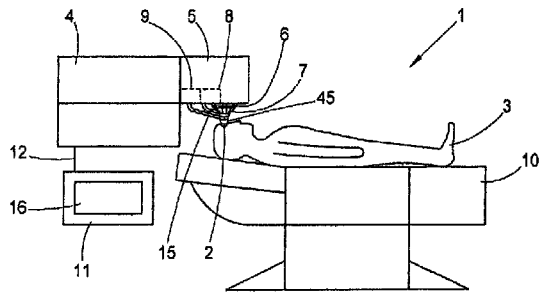
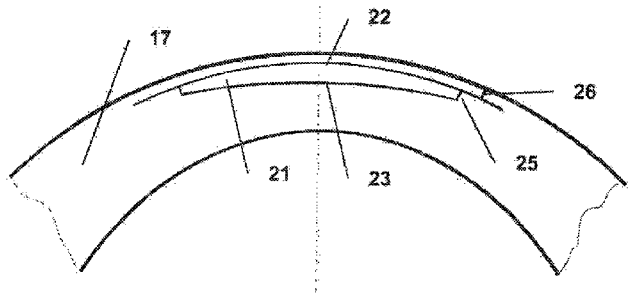
(57) **ABSTRACT**

A planning system generates control data for a treatment device for eye surgery that creates at least two incision surfaces in the cornea using a laser apparatus. The planning system includes a computation device configured to specify the cornea incision surfaces based on data of a refractive correction. The cornea incision surfaces include an access incision and a cap incision, with the access incision having a smaller diameter than the cap incision. The computation device being configured to generate a control data record for the cornea incision surfaces for purposes of controlling the laser apparatus.

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