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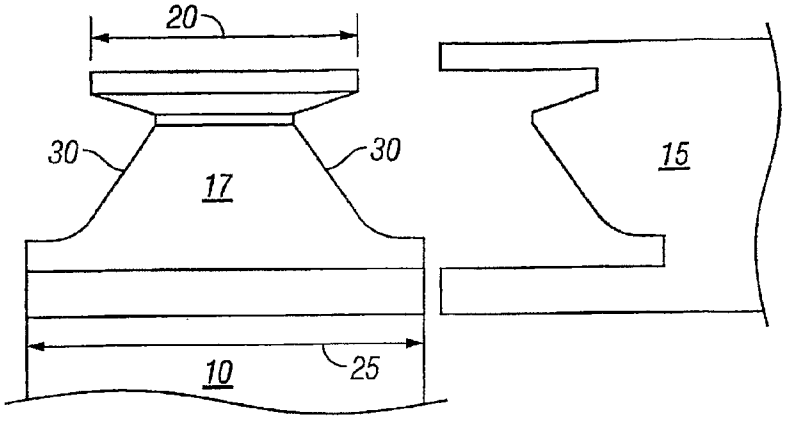
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(54) Title: HYBRID CONTACT LENS SYSTEM AND METHOD



(57) Abstract: A hybrid contact lens comprises a central zone comprising a substantially rigid, gas permeable material having a DK of at least 30 ($x10^{-11}$), a relatively soft peripheral zone and an intermediate zone comprising a film or coating that is created around the central zone, and then cured. The film facilitates chemical bonding between the central zone and the peripheral zone, and also provides a protective barrier to prevent modification of the physical characteristics of the central zone. The film may be created by soaking the central zone in a chemical solution for a predetermined amount of soaking time. Methods of manufacturing such a hybrid contact lens are also provided.

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