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(54) Title: DENTAL TRANSILLUMINATION DEVICE

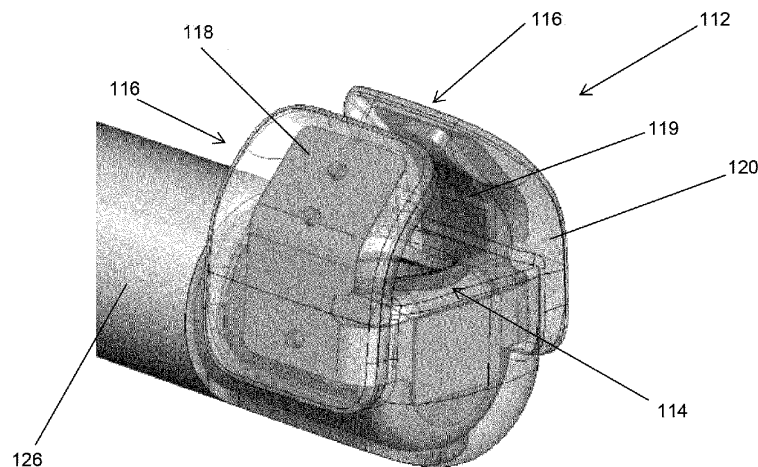


Fig. 2

(57) Abstract: A head portion (112) for a device for transillumination of a tooth comprises: a central portion (114), arranged to receive light from the tooth for imaging an occlusal/incisal view of the tooth, and first and second flexible wing portions (116) extending from the central portion (114). The first flexible wing portion is configured to contact a first side of the tooth, and the second flexible wing portion is configured to contact a second side of the tooth, opposite to the first side. The first flexible wing portion comprises a first plurality of illumination sources for illuminating the tooth from the first side, and the second flexible wing portion comprises a second plurality of illumination sources for illuminating the tooth from the second side. The first and second plurality of illumination sources are mounted on a flex PCB (118).

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