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(57) Abstract :
A secured toothbrush holding device, comprises of a cuboidal body 1 developed to accommodate a toothbrush in vertical orientation by passing toothbrush through a ring 4, a touch enabled screen 5 accessed by user to provide input for securing the toothbrush in the body 1, a laser acuity sensor to detect diameter of brush's handle, a motorized iris lid 6 to close and grip the handle, a plate 7 to cover top portion of body 1, a camera 9 to detect exact location of bristles, a motorized slider 10 to translate bristles in contact to a cylindrical member, a pair of motorized disc installed with pair of links attached with a teethed rack meshed with teeth carved on member to rotate for rotating member in contact to bristles to remove dust/dirt from bristles and a fingerprint sensor 12 to verify the user when user requires the toothbrush.

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