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<p>(51) International classification :A61B0005000000, H04N0005232000, A61B0003110000, A61B0003000000, G06K0009000000</p> <p>(86) International Application No :NA Filing Date :NA</p> <p>(87) International Publication No : NA</p> <p>(61) Patent of Addition to Application Number :NA Filing Date :NA</p> <p>(62) Divisional to Application Number :NA Filing Date :NA</p>	<p>(71)Name of Applicant : 1)Chitkara University Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)Chitkara Innovation Incubator Foundation Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)SINGH, Sachitanand Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)GUPTA, Krishna Kumar Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>3)RANJAN, Jai Prabhat Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>4)GUPTA, Sheifali Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>5)GUPTA, Rupesh Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p>
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(57) Abstract :

The present invention relates to an apparatus (100) for automatically measuring interpupillary distance (IPD) and near point of convergence (NPC), thus reducing chances of human error. The apparatus (100) having a T-shaped structure and includes an image acquisition unit (110) and a processing unit (116). The image acquisition unit (110) configured to acquire image and video data of face of the subject, and face of the subject positioned at a frame (114) of the apparatus (100). The processing unit (116) automatically moves the image acquisition unit (110) to acquire accurate measurement of IPD and NPC, and also, moves the frame to adjust eye level based on the image acquisition unit (110). The apparatus (100) provides audio instructions also to enable the subject to perform test easily.

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