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(57) Abstract :

A cognitive performance improvement device, comprises of a platform 1 configured with cylindrical member 2 imprinted with multiple numerals and shapes to be positioned over a ground surface, a touch enabled screen 3 to allow a user to select level of cognitive exercise to be performed by user, a projection unit 4 to project a number of numerals along with shaped over member 2, an artificial intelligence based camera 6 to capture multiple images of surroundings for detecting correct positioning of sheets over member 2, multiple suction unit 8 to establish a grip in between sheet placed by user over member 2, a timer paired with microcontroller installed over platform 1, to count time taken by user to position sheets over member 2 and a speaker 9 installed over platform 1 to alert user.

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