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(57) Abstract :

A laptop stand comprises a rotatable artificial intelligence (AI) camera 101 integrated with an NIR sensor positioned on top of the stand to monitor the user and the laptop screen, a dongle insertion module 105 incorporated within the stand includes a clamp 105a mounted on a slider 105b that is positioned on a horizontal platform 103 of the stand for inserting dongle in unused port of the laptop and a laptop securing module featuring a vertical plate on each side of a pneumatic horizontal plate 102 for securing the laptop, the stand further includes a scissor lifting assembly 106 integrated with the horizontal plate 102 to enable adjustable height, a holographic projector 107 mounted on vertically expandable rod 108, and an infrared receiver 111 to facilitate remote control 112 of the stand's operation, a processing module is integrated and coupled with both mechanical and electronic components of the stand.

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