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(57) Abstract :

The present disclosure discloses a multi-functional cooling pad (100) to optimize thermal management for electronic devices while offering versatile functionality and user-friendly features. This cooling pad (100) includes a frame (102) with adjustable legs (104) for customizable height settings, a base (106) to securely hold electronic devices, and movable sections (108-1, 108-2) enabling frame extension to accommodate additional objects. Integrated cooling fans (110) effectively dissipate heat, while an illuminator (112) attached to a movable rod (114) provides adjustable lighting for the workspace. Further, an interface allows users to control fan speed, brightness, and color of the illuminator, providing personalized settings. Furthermore, USB ports (116-1, 116-2) integrated into the frame enable charging of gadgets.

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