

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202511061363 A

(19) INDIA

(22) Date of filing of Application :27/06/2025

(43) Publication Date : 11/07/2025

(54) Title of the invention : A MULTI-SCREEN DISPLAY DOCKING DEVICE FOR ENHANCED LAPTOP PRODUCTIVITY

<p>(51) International classification :G06F0001160000, G06F0001260000, G06F0013420000, G06F0013380000, G06F0003020000</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)NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY Address of Applicant :19, Knowledge Park-II, Institutional Area, Greater Noida – 201306, Uttar Pradesh, India. -----</p> <p>Name of Applicant : NA Address of Applicant : NA</p> <p>(72)Name of Inventor : 1)ALKA SINGH Address of Applicant :Department of Master of Computer Applications, Noida Institute of Engineering & Technology, Greater Noida. Greater Noida ----- ---- -----</p>
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(57) Abstract :
 A multi-screen docking device (100) integrates foldable displays (102, 103), central docking panel (101), universal ports (104), power hub (105), magnetic clamps (108), and thermal vents (107). Designed for laptops, it enables a triple-screen environment by securely mounting to the host device using adjustable arms (106) and fold-out supports (109). It enhances multitasking productivity, ensures compact storage, and operates via a single USB-C interface, providing a plug-and-play, ergonomic solution for professional and mobile computing.

No. of Pages : 14 No. of Claims : 5