

(54) Title of the invention : HEIGHT ADJUSTABLE PROJECTOR STAND

<p>(51) International classification : F16M11/04, A47B97/00, F16M11/20, F16M11/24, F16M11/42, G03B21/00</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 :</p> <p>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 :</p> <p>1)VERMA, Sanjeev Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>2)SIKAND, Akul Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>3)GUPTA, Dev Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p> <p>4)BANSAL, Gaurav Kumar Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala -----</p>
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(57) Abstract :

A projector stand (100) for optimal projector placement in various environments is disclosed. The projector stand (100) includes a base plate (102) with telescopic, foldable legs (104) for adaptable height adjustment on any surface. A rotatable base plate (106) allows for precise positioning of the projector at distinct angles, while foldable arms (108-1, 108-2) with a secure hook mechanism (118) ensure stable suspension. Integrated components include a fan for temperature regulation, an alert unit for unauthorized use detection, and charging ports (114) for internal battery power. Furthermore, height adjustment screws (120-1, 120-2) on the rotatable base plate (106) offer additional customization for optimal viewing angles. This projector stand (100) caters to diverse presentation settings, from classrooms to boardrooms, providing convenience, security, and flexibility for seamless projector setup and operation.

No. of Pages : 16 No. of Claims : 6