

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202311085922 A

(19) INDIA

(22) Date of filing of Application :15/12/2023

(43) Publication Date : 19/01/2024

(54) Title of the invention : ADVERTISEMENT POSTER INSTALLATION DEVICE FOR HOARDING FRAME

(51) International classification :G09F0015000000, B25J0011000000, B25J0015000000, B25J0009160000, G09F0015020000

(86) International Application No :NA
Filing Date :NA

(87) International Publication No : NA

(61) Patent of Addition to Application Number :NA
Filing Date :NA

(62) Divisional to Application Number :NA
Filing Date :NA

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(57) Abstract :

An advertisement poster installation device for hoarding frame, comprises of a platform 1 positioned on a road, a touch enabled screen 2 to input commands for fixing an advertisement poster on a frame pre-installed on road, a camera 3 to detect location and height of frame, multiple wheels 4 configured with telescopically operated rods 5 to position platform 1 near frame, a pair of telescopically operated grippers 6 to hold the poster with frame, a pair of C-shaped members 8 to pass through holes in poster via a primary robotic arm 7 and a hinge 10 to make contact between members 8, pair of motorized sliders 11 to translate a spool 12 for wrapping wire on the frame, a secondary robotic arm 13 equipped with a cutter 15 to cut the wires and the grippers 6 tie free-ends of wires for securing poster with the frame.

No. of Pages : 16 No. of Claims : 5