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(54) Title of the invention : MODULAR DOOR BARRIER DEVICE

<p>(51) International classification :E06B0007320000, E06B0009000000, F16B0005060000, A01K0001035000, H01L0021660000</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 : <b>1)Jaipur National University</b> Address of Applicant :Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p><b>Name of Applicant : NA</b> <b>Address of Applicant : NA</b></p> <p>(72)Name of Inventor : <b>1)Geetanjali Singh</b> Address of Applicant :School of Business &amp; Management, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p><b>2)Komal Hada</b> Address of Applicant :School of Business &amp; Management, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p><b>3)Shikha Agarwal</b> Address of Applicant :School of Business &amp; Management, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p> <p><b>4)Alok Raj</b> Address of Applicant :School of Business &amp; Management, Jaipur National University, Jaipur-Agra Bypass, Near New RTO office, Jagatpura, Jaipur-302017, Rajasthan, India. Jaipur ----- -----</p>
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(57) Abstract :

A modular door barrier device is comprising, a C-shaped member 1 placed over the frame of door, a flexible sheet 2 wrapped around a roller 3 within the frame to restrict a gap between the door and frame, an imaging module mounted over the member 1 to detect passage of children/ or pet from the door and the distance between the door and the frame, a pair of horizontal telescopic rods 5 installed on frame and connected at periphery of sheet 2 to extend towards the door in order to align the sheet 2 with door, and a vertical bar 6 integrated with a primary sets of electromagnets 7 attached at door to adhere the door with the sheet 2 in order to prevent the child/ pet from going out of the door.

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