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(57) Abstract :

A slipper fastening device, comprising, a base 1 configured with a motorized pusher 2 adapted to provide a platform to place a slipper, wherein the pusher 2 strikes the slipper in order to move the slipper, a conveyer 3 installed with an artificial intelligence (AI) enabled camera module 4 for conveying the slipper, wherein the camera 4 captures images of the slipper and determines change in the parameters via a microcontroller connected to the camera 4, a chamber 5 for storing plurality of straps, plurality of guiding rails 6 positioned on a sliding rack 7 placed for receiving the slippers, plurality of clips 8 configured with a telescopic rod 9 to fix the clips 8 in holes of the slipper, and a pair of motorized robotic arm 10, in proximity for holding the slipper. Ref Figure 1

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