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(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)Sajjan Singh
(33) Name of priority country	:NA	2)Sarabpreet Kaur
(86) International Application No	:NA	3)Richa Mehta
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(57) Abstract :

An assistive device for wearing ornaments comprises of a platform 1 installed with multiple motorized omnidirectional wheels 2 to translate platform 1 to different places, the platform 1 installed with artificial intelligence enabled image capturing module 3 for detecting position of user's disabled hand, a pneumatically operated bar 4 integrated with U-shaped adjustable clamp 5 to extend in proximity to user's hand, a motorized ring 6 installed with multiple chambers 7 dedicated towards storing bracelets, a touch interactive display panel 8 mapped on platform 1 for selecting bracelet type, a pair of pneumatically operated rods 9 attached with each of chambers 7 via multiple motorized ball and socket joints 10 and motorized grippers 11 to grab and move the bracelet on clamp and a speaker 12 arranged on platform 1 for producing voice outputs.

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