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(54) Title of the invention : HAMMER THROW TRAINING SYSTEM

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(31) Priority Document No	:NA	(72)Name of Inventor : 1)Kushdeep Singh
(32) Priority Date	:NA	2)Anikate Gupta
(33) Name of priority country	:NA	3)Kuldeepak Saini
(86) International Application No	:NA	4)Arvind Kumar
Filing Date	:NA	5)Pardeep Kumar
(87) International Publication No	: NA	6)Sarabjit Singh
(61) Patent of Addition to Application Number:	:NA	7)Abhinet Thapa
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(57) Abstract :

The present invention relates to a hammer throw training system comprising of cage like structure 1 where user stand for throwing hammer 2, rectangular panel 3 arranged inside structure 1 where user throw hammer, pressure and impact sensor attached at proximal and distal end of hammer to sense release of hammer with impact on surface, motorized roller 4 installed at top of structure 1 wrapped with rope 5, distal end of hammer attached with rope 5, thermal imaging unit 6 and two AI based imaging unit 7 installed over top and side of structure 1 to determine spot at which hammer stroke, along with projectile of hammer, series of pressure string 8 fabricated across height of panel 3 to determine pressure intensity of hammer, display unit arranged within structure 1 where microcontroller compare parameters to determine and display distance where hammer reach.

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