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(57) Abstract :

A lacrosse training assistive system comprising, multiple frames 1 fabricated with stretchable member 2 installed on the field, a touch enabled screen 3 mapped on field for selecting an expertise level from beginner, intermediate, or advanced level, a pair of motorized omnidirectional wheels 4 installed with frames 1 via a pair of L-shaped rods 5 for maneuvering frames 1 on field, a motorized ball and socket joint for tilting frame 1, a ball launching unit 6 positioned on field for launching ball, a telescopic rod 7 consist of first end 12 gripped by user and second end 13 is ring 8 fabricated with a net 9 utilized for catching and throwing ball, multiple electromagnetic spring configured between frames 1 and member 2 for rebounding ball at decoded speed, a computing unit wirelessly linked with microcontroller via a sensing module for tracking movements of user for generating a performance chart.

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