ABSTRACT

VIRTUAL ARCHERY DEVICE

This invention relates to computer controlled virtual archery device. It involves a modified version of the traditional bow and arrow set supplemented with specially programmed software for simulating the flight of an arrow. While the virtual archery device setup involved a modified version of the bow and arrow set, the path taken by the arrow after the shooting and its landing on the target exist in the virtual environment. Once the bow string is pulled, the flight path of the arrow enters the virtual environment as wireless electronic signals are transmitted to a receiver module connected to a compatible display device to which the virtual landing area on the target for the arrow has been projected. The target is virtually hit thereon while the arrow, on the other hand, remains intact with the bow after the release of the bow string for shooting. At this point, it takes a rest position.

Figure 1