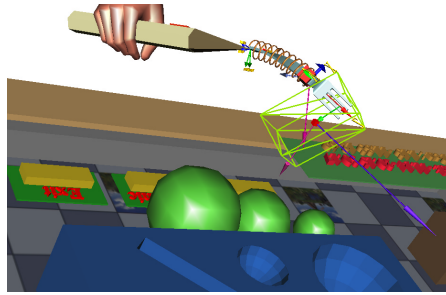**Fig. 14** Torsion resistant spring-fork
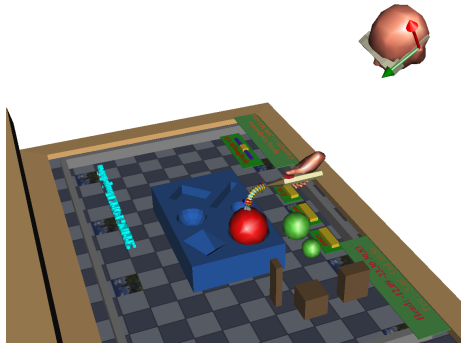

Fig. 15 Spring-fork in torsion

Fig. 16. RWB-overview: the spring-fork manipulation with objects in the mini-world
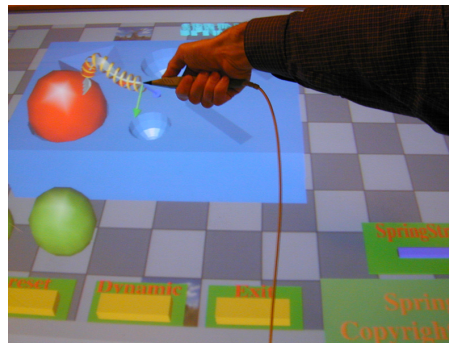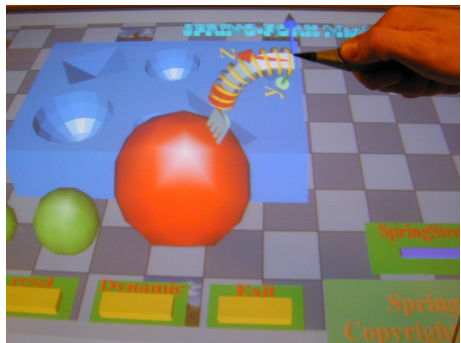left: RWB Simulator; right: real RWB application

Fig. 17. RWB-detail: the spring-fork manipulation