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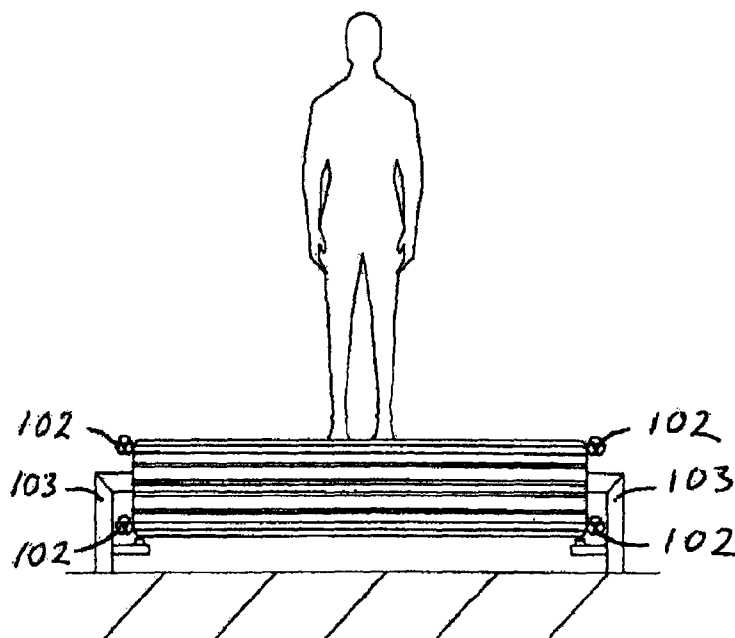


Fig 1

(57) Abstract: A treadmill having a belt assembly allows a user the walk or run in any direction. A single helically wound belt over a flattened torus is powered by two independent drive systems. The drive systems are controlled by a combination of infrared cameras and a physical harness system.