

3. The electrical actuator of claim 1 wherein the moveable member is a slide.

4. The electrical actuator of claim 1 containing at least two said smart wires in parallel.

5. The electrical actuator of claim 1 containing a plurality of coils facilitating increased movement of said reaction member and said moveable member.

6. The electrical actuator of claim 5 containing flexible tubing supporting said smart wires, wherein said flexible

tubing prevents entanglement of said smart wires in said plurality of coils and wherein said smart wires are moveably disposed in said flexible tubing.

7. The electrical actuator of claim 5 wherein said plurality of coils are wrapped around a reel, said plurality of coils wrapped in helical grooves in said reel to separate said plurality of coils.

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