

SENATE FLOOR AMENDMENT

Second Reading

BY SENATOR Hinrichsen

1 Amend reengrossed bill, page 2, strike lines 8 through 25 and substitute:

2 "(o) DEVICES, COMPONENTS, OR SYSTEMS DESIGNED TO PERFORM
3 OR FACILITATE QUANTUM INFORMATION PROCESSING, INCLUDING, SOLELY
4 TO THE EXTENT NECESSARY FOR SUCH PROCESSING, STORING, COMPUTING,
5 COMMUNICATING, MEASURING, OR SENSING QUANTUM INFORMATION,
6 THROUGH MANIPULATION, MEASUREMENT, SENSING, OR UTILIZATION OF
7 QUANTUM PHENOMENA, LIMITED TO INSTANCES WHERE THE PHENOMENA
8 ARE INTEGRAL TO THE DEVICE'S PRIMARY FUNCTION, INCLUDING QUANTUM
9 SUPERPOSITION, QUANTUM ENTANGLEMENT, QUANTUM INTERFERENCE,
10 QUANTUM TUNNELING, OR QUANTUM TRANSDUCTION; OR

11 (p) QUANTUM SENSING DEVICES THAT EXPLOIT QUANTUM
12 PHENOMENA, LIMITED TO INSTANCES WHERE THE PHENOMENA ARE
13 INTEGRAL TO THE DEVICE'S PRIMARY FUNCTION, SUCH AS QUANTUM
14 COHERENCE, QUANTUM ENTANGLEMENT, QUANTIZED ENERGY STATES
15 THAT DO NOT INCLUDE THE SEMICONDUCTOR BAND GAP PHENOMENON,
16 QUANTUM SQUEEZING, QUANTUM SUPERPOSITION, QUANTUM
17 INTERFERENCE, QUANTUM TRANSDUCTION, OR QUANTUM TUNNELING, TO
18 DETECT, MEASURE, OR MONITOR PHYSICAL QUANTITIES, ENVIRONMENTAL
19 PARAMETERS, OR EXTERNAL STIMULI."

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