

503 (telephone) Specify the control of a simple telephone. Its inputs are those actions you can perform: picking up the phone, dialing a digit, and putting down (hanging up) the phone. Its output is a list of digits (the number dialed). The end of dialing is indicated by 5 seconds during which no further digit is dialed. If the phone is put down without waiting 5 seconds, then there is no output. But, if the phone is put down and then picked up again within 2 seconds, this is considered to be an accident, and it does not affect the output.

no solution given