Specify the control of a simple telephone. Its inputs are those actions you can perform: picking up the phone, dialling a digit, and putting down (hanging up) the phone. Its output is a list of digits (the number dialled). The end of dialling is indicated by 5 seconds during which no further digit is dialled. 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.