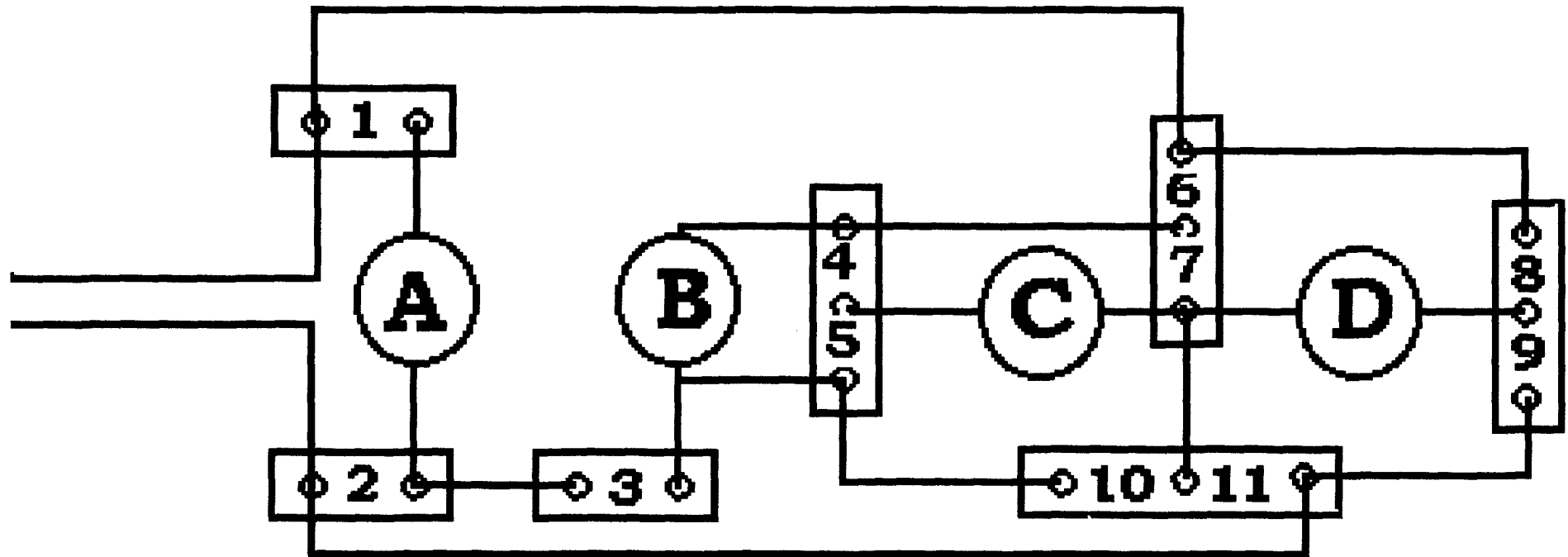


SERIES & PARALLEL INVESTIGATIONS



A, B, C, D are bulbs

1,2,3,4 are SPST switches

4-5, 6-7, 8-9, 10-11 are SPDT switches