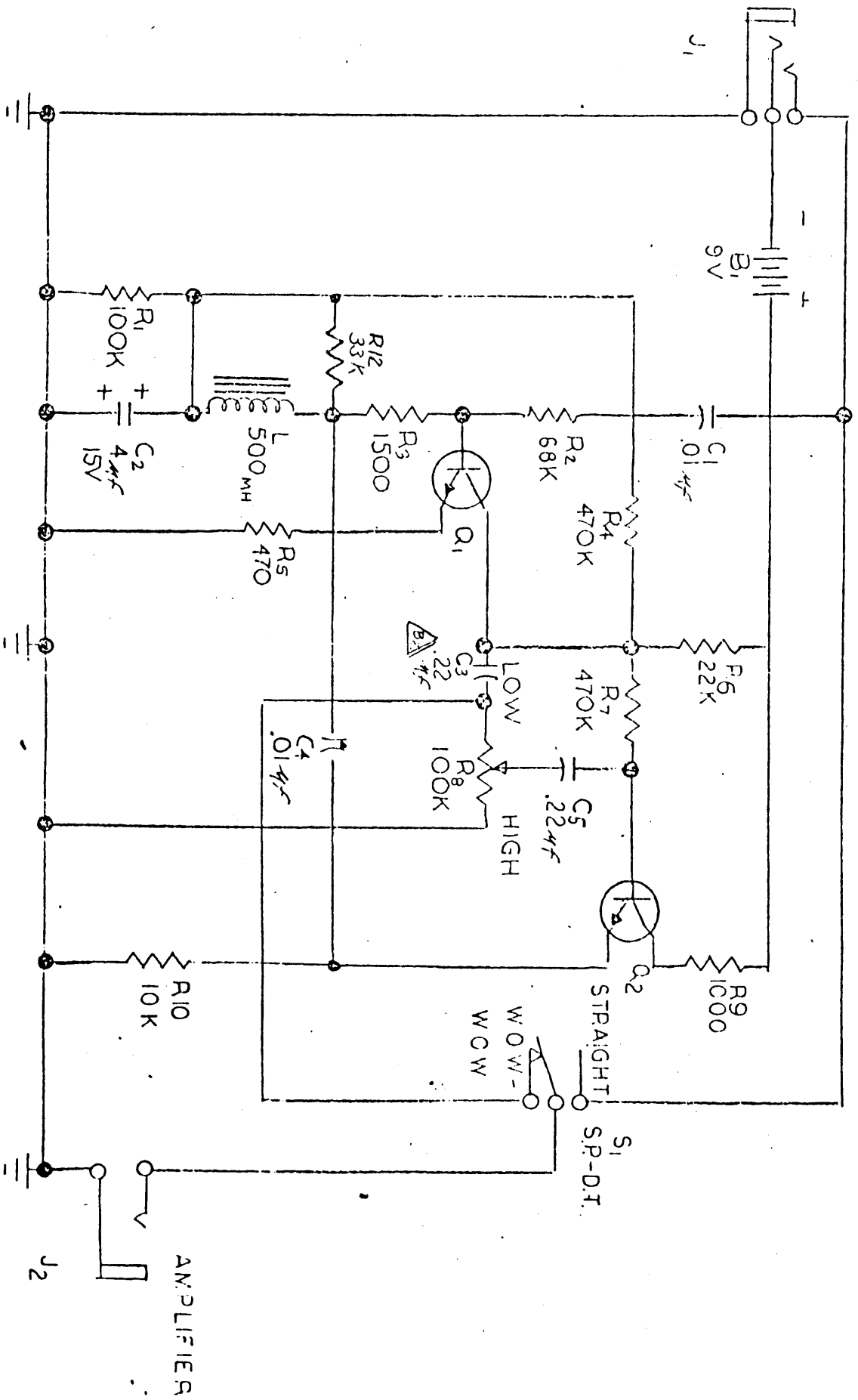


INSTRUMENT

PRELIMINARY SCHEMATIC



AMPLIFIER

J2

S1
S.P.-D.T.

STRAIGHT
WOW-
WCW

R9
1000

Q2

C5
.22μf

R7
470K

F6
22K

C1
.01μf

B1
9V

J1

R2
68K

R4
470K

R3
1500

Q1

R5
470

L
500 MH

R12
33K

R1
100K

C2
4μf

15V

C3
22μf

R8
100K

C4
.01μf

R10
10K

J2