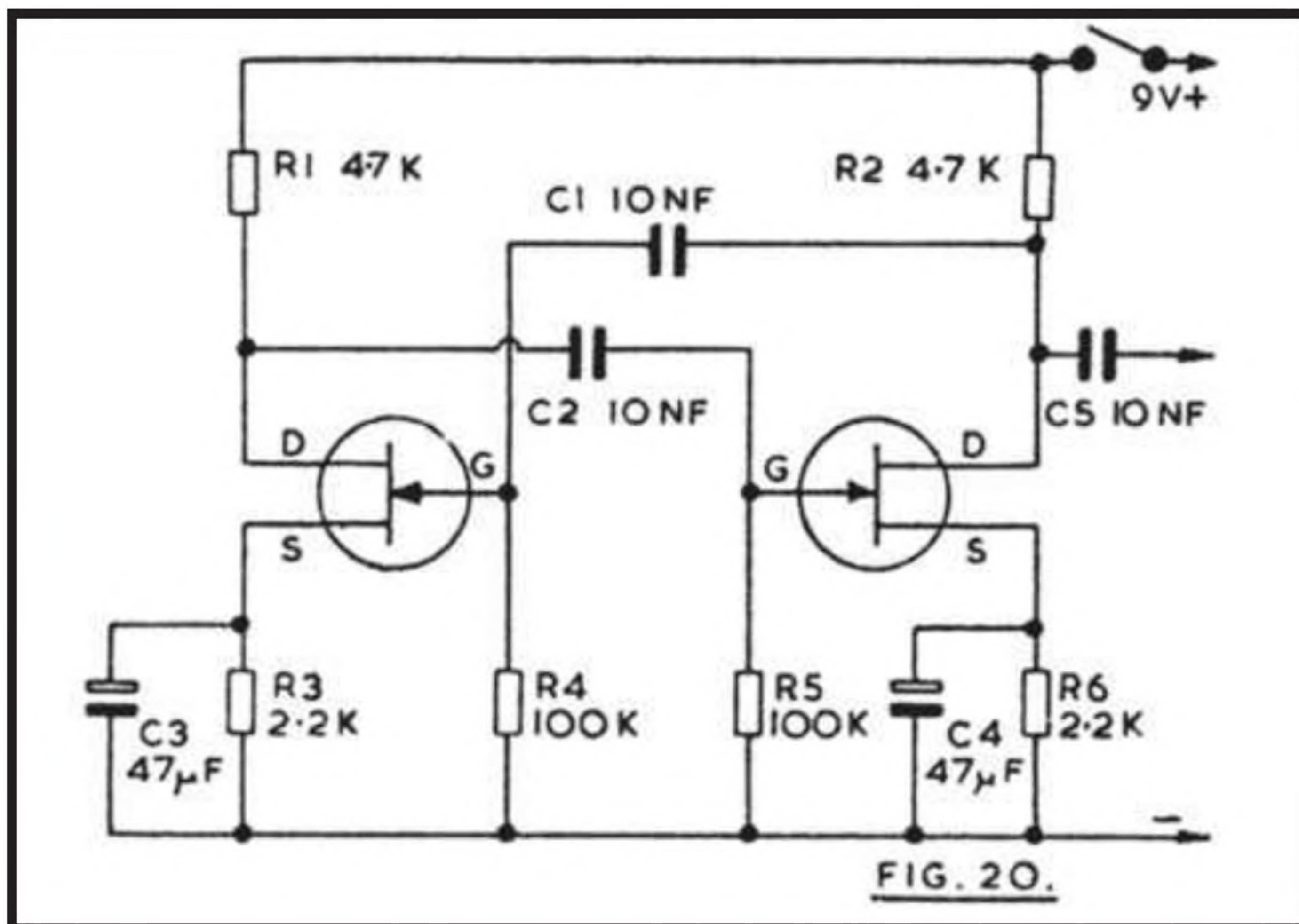


## **AF Oscillator Prod**

This circuit requires no transformer. It may be constructed in a very small space, if miniature low-voltage capacitors and small resistors are fitted. The values shown in Figure 20 will be found suitable, but can be modified to some extent without too much change in the tone produced.



General purpose, audio, and similar FETs are suitable. Output is taken via the isolating capacitor C5. This item need only have a high voltage rating if AC mains type equipment will be tested. The safety precaution mentioned earlier must be remembered when dealing with any mains receiver or amplifier.

The use of a prod of this type has already been described. It is employed to inject an audio signal into various points, working backwards from the Output stage, until the fault is localised. The whole oscillator is readily assembled on a small piece of perforated board, with space to accommodate a 9v battery.