

Questions and Answers

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volts 3, filament voltage 4. A.C.P.I., impedance 2000, amplification factor 5, filament current 1 amp., mutual conductance 2.5, anode current at 120 volts 25 mls., grid-bias at 150 volts 35.

2. Do you know anything about the Cosmos power pack?—No.

3. What would you consider to be a satisfactory former wound on a 1½ in. former to match UY224?

A.: 40 to 50 turns of 34 gauge B. and S.

DIX (Mataura).—In referring to back correspondence for replies, please repeat your question and our answer, as we cannot keep them all in mind, and hunting through back numbers of the "R.R." takes time. Your trouble still appears to be due to neutralisation, a loose connection or a defective valve, particularly the detector.

1. My aerial is 32 feet at one end with a 40ft. lead-in; 80 feet passes over a tree 20 feet high. Is the aerial affected?

A.: An aerial is much better if kept away from trees, etc. In this case it would be better to get your aerial higher.

ELECTRON (Banks Peninsula): Could the stage of s.g. described in the "R.R." for the H.R. be applied in the same way for the B.D. Four?—Yes.

2. What "C" batteries should be used in the r.f. and last audio stages of the B.D., using B605 as power valve?

A.: With 135 volts on the plate B605 requires about 15 volts. A valve in the r.f. stages rarely requires more than 1½ volts.

SCOTTY (Auckland).—See our notice below concerning the Super Six.

The Super Six

WE regret that the constructional details of the Super Six will be held over for some time owing to the Post and Telegraph Department not granting permission to publish details owing to the set radiating. Certain changes must be made in the circuit, and when passed we shall waste no time in describing it. Our next receiver is the "Eagle Five," an economical, powerful battery set. The all-wave a.c. "Cathode Super" will commence in our issue dated November 20.

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The rate for small advertisements under this heading is 1/6 cash for 10 words, and twopence for every other word thereafter.

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Germany Pays Her Pound of Flesh

(Continued from page 6.)

The conduct of the French in the occupied territory has also much embittered feeling in Germany. Their uncivilised black soldiers were put in control of the local inhabitants. Their presence was an insult, as it was intended so to be. Into nauseating details of the conduct of the black troops I cannot go now. I might go on multiplying cases of the harsh treatment of Germany, but time will not permit. One other only must be mentioned. Beyond and above all these already referred to has been the slow starvation of Germany. In the first place by the cruel and unjustifiable blockade after the Armistice, when three-quarters of a million of Germans—mostly women and children—lost their lives. Up till 1924 or 1925 starvation was common throughout Germany, and tens of thousands of those who did not die were physically ruined for life by rickets and other wasting deficiency diseases. Again, during the last three years there has been much food insufficiency; 15 millions, as we have already seen, are unemployed, and of the middle classes particularly other millions are destitute and famine-ridden. The whole condition of the country at the present moment is catastrophic.

The pity of it all is that immediately after the war Germany, chastened and reformed, was only too anxious to conform to all that was fair and reasonable, and had it received just treatment the whole world, including Germany, would have been more prosperous now, but the ill-treatment she has received has stirred up in her again the worst of nationalistic prejudices. These are represented by what is perhaps the most dangerous movement in Germany, the Nationalist Socialists, often called the Nazis, or from their leader Hitlerites.

These are strongly anti-Jewish and would deprive all Jews of citizenship and property; they are bitter against the Treaty of Versailles, which they would denounce; they are against the present Government of Germany and are really revolutionary Fascists, who are anxious for a dictatorship in Germany resembling that of Italy.

Hitler.

AT the head of the Nazis is Hitler. His past is obscure, but he is an Austrian and has been a house painter. In 1923 Hitler and Ludendorff staged a revolt in Bavaria, but nothing came of it. Hitler was sentenced to five years in a fortress, and Ludendorff was reduced to foaming impotence. Powerful influence enabled Hitler to get off with a few months' sentence, and now he attacks the Government on more constitutional lines, but so complicated is the position that in the German election a year ago there were 24 parties, with 24 programmes, and 24 lists of candidates. However, the number of Fascists in the Reichstag was raised from 12 to 107, the number of Communists from 56 to 76, the total number of members being somewhat over 400. After attending the House for a short time the Hitlerites withdrew in disgust, and attempted to raise huge meetings of protest over the country.

Revolution.

IT may be asked why the Hitlerites have not already raised a revolution in Germany. Probably the reason is they know that even if successful they could not carry on without foreign credits, and they further know that they could not under present circumstances get these credits. Hitler's headquarters are at Munich.

The other dangerous revolutionary party is the Communist, with its headquarters in Berlin, where at the last election they polled some 400,000 votes. This party is purely Marxian and desires to imitate the Soviets of Russia; but though wild and fiery in its language, it has so far scarcely shown a disposition to attack by force. Other parties can all be arranged under three heads—the Catholic, the Nationalist or Conservative, and the Socialist. These are subdivided in many ways, but the Social Democrats (Liberals) hold the balance of power. Now Germany has about 100,000 soldiers legally recognised by treaty, but all the various parties maintain and drill troops—sometimes in defiance of the Government, and sometimes with its tacit consent. These troops are nominally unarmed, though they may have a few machine-guns and rifles stowed away—Germany to-day consists indeed of a series of organised and uniformed camps ("Nation," January 14, 1931). There are nearly one million men in the Stahlhelm, the reactionary old militaristic veterans' organisation; there are about three and a half million men in the Reichsbanner, the supporters of the present Republic Government. There are at least half a million brown-shirted Hitlerites, and possibly 300,000 in the secret Red Front or Communist organisations.

Secret Organisations.

IT is said that the police have the situation well in hand, but how can a country be at peace when full of such more or less secret organisations? Not

a day goes by but some of the men in these groups are killed or wounded, not a day on which some of their meetings are not broken up by force.

Yet on the whole outwardly Germany is quiet and enduring all her troubles with a magnanimous spirit. The police, or "Schupos," are spotlessly uniformed men and well equipped. Night after night they are called upon to do extra and hazardous duty, and their self-restraint is wonderful. Still, they have orders to be savage when they disperse a crowd, as no other policy will make possible the maintenance of order and the safety of the republic. The Communists at present seem to be less aggressive than some of the other groups. A keen observer says (O.S.V.): "I have been to some of their meetings only to be shocked by the signs of want, fatigue and hunger, the poor clothes, the utterly pallid faces, and the plain evidences of a desperate struggle for life, with much resultant premature ageing."

Behind all this, of course, is the terrible economic depression—crushing the life out of all. The Chancellor, Herr Brüning, bravely stands up to the ordeal before him, and there are not wanting the signs that the extremist parties are wavering in their demands and becoming weaker; while the Government keeps on compromising, "fighting against time in the forlorn hope that sooner or later there will come industrial improvement; and hoping that no untoward incident in the Polish corridor or elsewhere will set the country in a blaze. The Treaty of Versailles was accepted by the Germans as the only alternative to complete starvation; yet starvation still reigns, and no one knows when it will drive the population into madness." He would be a fool indeed who denied that wherever one scans the horizon, the outlook in Germany is of the darkest. If Germany falls into chaos she will drag other nations with her, and Europe may be plunged into anarchy. Still the international horizon is not without some gleams of light.

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