**COLUMBUS MEETING OF THE CENTRAL ASSOCIATION OF
SCIENCE AND MATHEMATICS TEACHERS, NOVEMBER
30 AND DECEMBER 1, 1917.**

A splendid program has been prepared. Go and learn what others are doing. All progressive teachers will be there.

Programs have been mailed. If one fails to reach you, send your name and address to the President, Miss E. Marie Gogle, Assistant Superintendent of Schools, Columbus, Ohio, or to the Secretary, Professor A. W. Cavanaugh, Lewis Institute, Chicago, Ill.

Members from Chicago and the West should join the party leaving Chicago, over the Pennsylvania Railroad, Thanksgiving night, November 29, and arriving in Columbus at seven o'clock Friday morning. Make your reservation for this train through the chairman of the Transportation Committee, Mr. Willis E. Tower, Englewood High School, Chicago.

The meetings will be held at the Ohio State University, whose campus and buildings are unusually attractive at all times, but which has an added feature of having one of the big aviation schools of the country in operation at this time.

THE REPAIR OF BROKEN ELECTRODES.

By N. F. SMITH,

Centre College, Danville, Ky.

It frequently happens that the platinum electrodes sealed into the glass of vacuum tubes, Hoffman's apparatus or similar pieces, become broken close to the glass, making a good electrical connection almost impossible. The writer has found that such terminals can be quickly and easily repaired by the use of a small quantity of dental amalgam. The amalgam is mixed with a small quantity of mercury and pressed firmly over the broken terminal, a piece of copper wire being embedded in it while it is soft. The amalgam quickly hardens in place and gives a reliable electrical contact.

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