

or, still better, the name should be discarded, such varieties being designated as cupriferous descloizite.

It is interesting to note that three minerals of the olivenite group have been found in the Bisbee district; psittacinite and higginsite occurring together at the Higgins Mine, while descloizite has been reported from the Mammoth Mine which is located only about 2 miles southeast.

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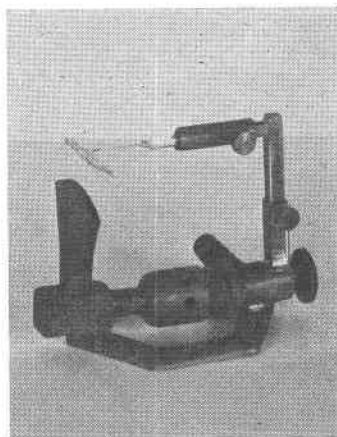
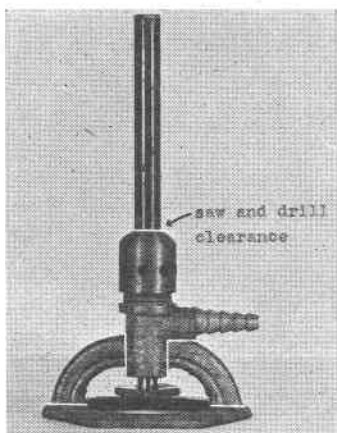
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NOTES AND NEWS

A BROAD SOURCE OF MONOCHROMATIC LIGHT

M. J. BUERGER AND V. F. HARRINGTON, *Massachusetts Institute of Technology.*

In volume 14 (1929) of this journal, page 329, Buerger and Huntsinger described a source of monochromatic light. The accompanying photographs show a Terrill burner so remodelled, that the height of the flame is considerably less, which makes



it superior for use with the microscope. On the stock burner, the white lines indicate the positions at which it is to be cut; in the brass block, $1" \times \frac{3}{8}" \times \frac{5}{8}"$, (not a part of the stock burner) neither hole must be so drilled as to form pockets which prevent the easy flow of gas around the corner. The mounting of the trough has been changed so that its adjustment can be accomplished with much greater ease. The platinum wire which holds the gauze trough should be flattened before welding to avoid cutting the gauze. The glass tube is fastened in the brass sleeve with sealing wax, or better, with De Kotinski cement. Troughs of nickel gauze are quite as efficient though not as long lived as those of platinum. The largest flame may be had if the air adjustment be fully opened and the gas adjusted to just remove the blue cone.

On the last pages of this Journal will be found a preliminary list of titles of papers to be presented before the Society at its annual meeting to be held at the University of Toronto, Toronto, Canada, December 29-31, 1930.

Professor E. L. Bruce, Miller Memorial Research professor, has returned to Queen's University after spending the summer in Finland.

Mr. William H. Broadwell, a member of the Newark Mineralogical Society, has tested the fluorescent property of the new mineral curtsite, which was described in the May issue of this Journal. He finds that the mineral is quite fluorescent when subjected to ultra violet light, emitting a strong yellow color.

Dr. Cornelio Doelter of Vienna died on August 8 at the age of eighty years. He had been for many years professor at the University of Vienna where he lectured on mineralogy and the chemical composition of minerals.

Adam Hilger, Limited, London, N.W.1, England, has recently issued Bulletin No. 2, on Spectrum Analysis. The index of this 23 page pamphlet shows the following headings: Quantitative Analysis of Metals; Bibliography of Recent Papers on Spectrum Analysis; Official Specifications for Lead, Copper and Zinc; Other Information Concerning Metallurgical Spectrum Analysis; Physiological, Pathological, Toxicological and Pharmaceutical Applications of Spectrum Analysis.

Dr. Edgar T. Wherry of the Bureau of Chemistry and Soils, Department of Agriculture, Washington, D.C., has resigned his position to accept an associate professorship of plant ecology in the department of botany of the University of Pennsylvania.

Copies of a small folder entitled "The 92 Elements" giving their names, atomic numbers, symbols, atomic weights, melting points and years of discovery may be obtained without charge by addressing P. C. Kullman & Co., 110-116 Nassau Street New York City.

PROCEEDINGS OF SOCIETIES

PHILADELPHIA MINERALOGICAL SOCIETY

Academy of Natural Sciences of Philadelphia, September 4, 1930.

A stated meeting of the Philadelphia Mineralogical Society was held on the above date with the president, Mr. Toothaker, in the chair. Forty-five persons attended the meeting which was devoted to accounts of summer trips.