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COVER

Colloidal platinum precipitated onto photosynthetic membranes and entrapped on filter paper viewed in reflected and transmitted light (about ×8). This moistened material is capable of the simultaneous photoevolution of hydrogen and oxygen when irradiated at any wavelength in the chlorophyll absorption spectrum. The bright orange spots are punctures used to drain excess fluid from the clogged filter paper. See page 1373. [B. K. Norris and J. P. Eubanks, Oak Ridge National Laboratory, Oak Ridge, Tennessee 37831]