



## The Strange Case of The Invisible Evidence

DEATH had struck in the night.

A fleck of copper on the suspect's knife was the only clue. But with this trifling bit of evidence alone, criminologists using the *spectrograph* were able to prove that the knife had cut copper. By the percentage of constituents and impurities present, they identified that fleck as having come from that specific telephone wire. The case was solved—a murderer convicted.

Dramatic as has been the record of spectrography in criminology, such spectacular feats are dimmed by the everyday accomplishments of spectrographers working in science and industry.

With spectrographic equipment, metallurgists develop and control the metal alloys now so vital

to our national defense. In the food and chemical industries, spectrography stands guard against contamination and adulterating impurities.

Today, Bausch & Lomb optical instruments provide science, industry and education with the precision tools of their trade. The eighty-eight years' experience of Bausch & Lomb serves America in the development and manufacture of fine optical equipment, not only vital in national defense but also essential in normal, everyday living.

### BAUSCH & LOMB

OPTICAL CO. • ROCHESTER, NEW YORK

ESTABLISHED 1853

AN AMERICAN SCIENTIFIC INSTITUTION PRODUCING OPTICAL GLASS AND INSTRUMENTS FOR NATIONAL DEFENSE, EDUCATION, RESEARCH, INDUSTRY AND EYESIGHT CORRECTION.