



**SETH NICHOLSON**, who joined the staff of the Mount Wilson Observatory in 1915, retired this June after 42 years of service. A large part of Dr. Nicholson's work at Mount Wilson has been devoted to solar observations, and he has developed a detailed knowledge of the complex phenomena of the sun's visible surface. He has supervised the systematic collection of data on sunspots, including the polarity and strength of their magnetic fields. Over the years, he has made observations of Jupiter's satellites. At the Lick Observatory in 1914 he discovered the ninth of these objects; at Mount Wilson he went on to find the tenth, eleventh and twelfth.