

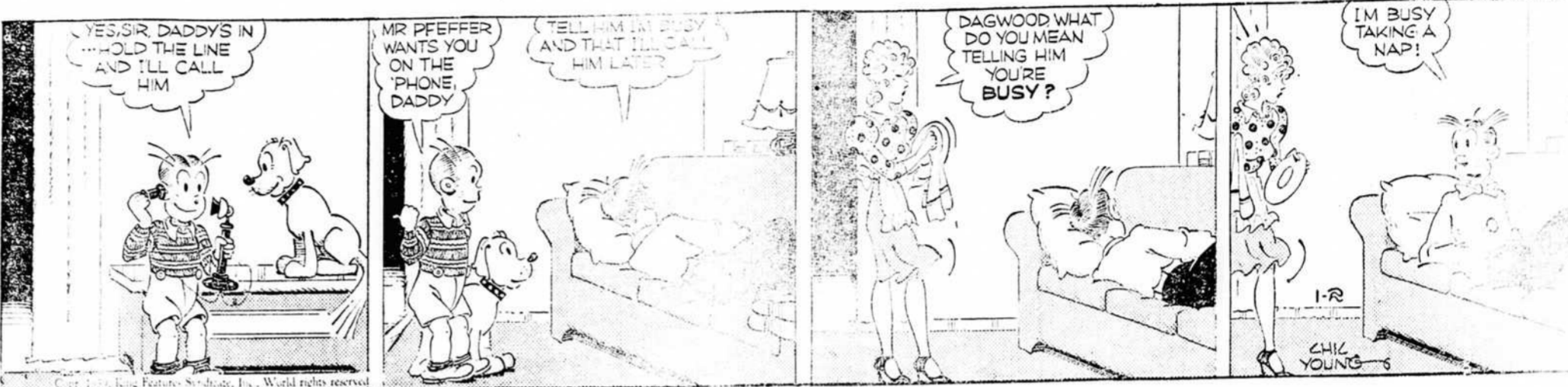
DAILY CROSS WORD PUZZLE

Crossword puzzle grid with clues for Across and Down. Includes 'Yesterday's Answer' and 'Distributed by King Features Syndicate, Inc.'

THIMBLE THEATRE Starring POPEYE



BLONDIE Registered U. S. Patent Office

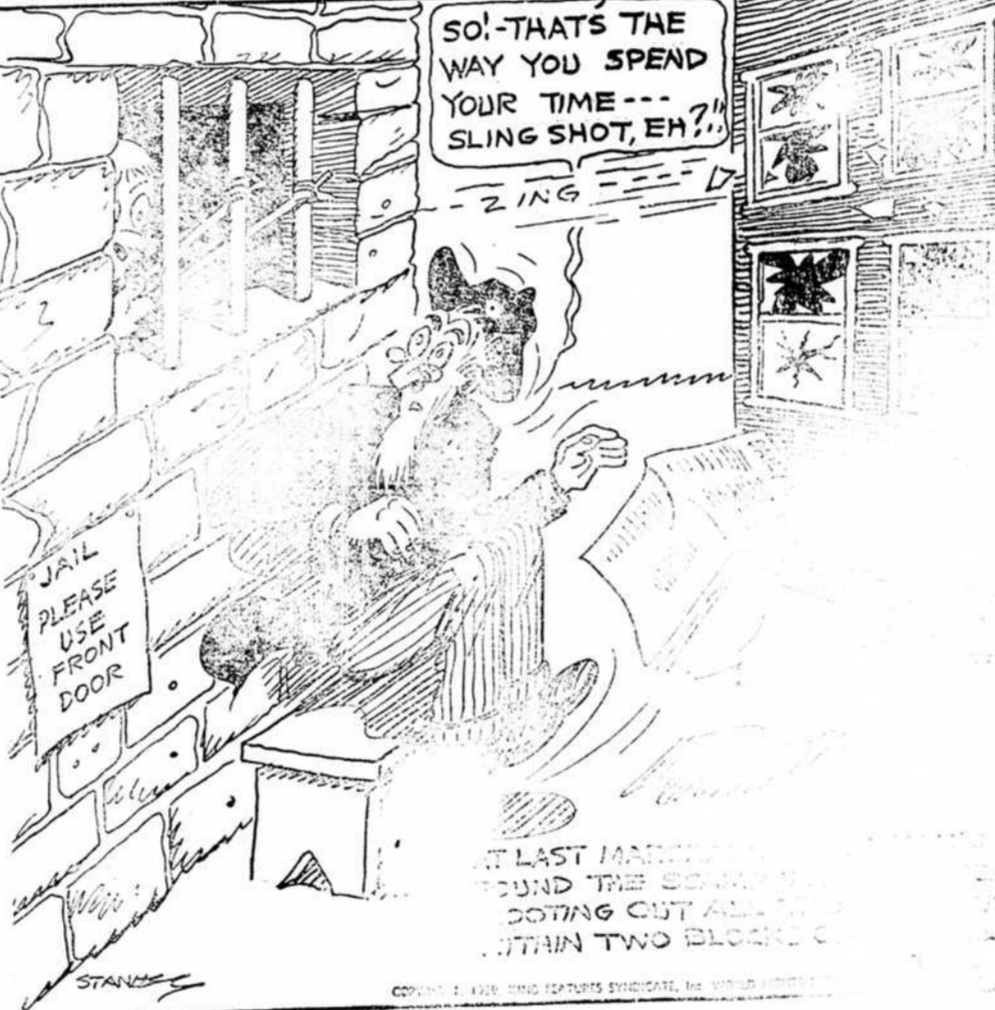


BARCLAY ON BRIDGE

By Shepard Barclay 'The Authority on Authorities'

Bridge column text including 'SHOW YOUR SIGNALS', card play analysis, and 'Tomorrow's Problem'.

THE OLD HOME TOWN Registered U. S. Patent Office By STANLEY



SCOTT'S SCRAP BOOK By R. J. SCOTT



Medicine's Banner Anniversary Year

By LOGAN CLENDENING, M. D. THIS column wishes all its readers and long-suffering readers a very Happy New Year! What will bring forth in medical progress? Our record in the past on this anniversary is notable: Fifty years ago—1849—a young bacteriologist named Emil Behring, in the "Triangle," the old dilapidated building of Koch's laboratory in Berlin, was working on a hint given him by a Frenchman. The Frenchman's name was Roux. Dr. Clendenning will answer questions of general interest only, and then only through his column. (Frenchmen and Germans worked together in those far-off days for humanity.) Roux had been working as a physician, which then took a painful toll of young child life. He had proved that what killed the children was not the diphtheria germ itself, but the poison it produced—the toxin. Behring thought that where there was a poison there should be an antidote. After long labor he was able to immunize horses and prove that the blood serum of an immune horse contained the antidote or antitoxin to neutralize the toxin of diphtheria. And one winter's night—Christmas night, indeed—he bent over the bedside of a desperately sick child, choking and almost gasping its last breaths, and injected the first dose of diphtheria antitoxin ever given. Only 50 years ago! A hundred years ago, the Jewish professor of anatomy at Zurich, Jacob Henle, published a book, "Miasmas and Contagion," which contained the first clear statement of the germ theory. A Frenchman, Pasteur, was to put it on a sound, experimental basis, but Henle first outlined it. Infantile paralysis was first described by Jacob Henle, and it is that condition of the spinal fluid which produces protruding eyes, known as Basedow's disease. The first dental school in the United States was founded in Baltimore by Chapin Harris in 1810. The first hospital for tuberculosis in England opened its doors that year. What a long road we have come in scientific dentistry and tuberculosis treatment since then! University Founded Two hundred years ago the University of Pennsylvania was founded. It was called the "College of Philadelphia." It was to give long and honorable service to its country. There was a war going on in 1740—the "War of the Austrian Succession." How ironically that name rings in our ears today! And, as is usual in war years, there were pestilence and famine. There was a widespread epidemic of typhus fever—almost unknown now—the fever spread by lice. Smallpox was raging in England and Scotland and throughout the American colonies. Nobody knew how to prevent it. "Physician's Watch" Two hundred and fifty years ago Dr. John Floyer invented the "physician's pulse watch." He was able to count the pulse in sickness and health, and made diagnostic deductions from the data. The watches began to be manufactured and got into circulation. They had second hands on them. Your second hand was put on your watch by a physician for the benefit of physicians. How many times do you use it? Probably never, unless you are a physician, nurse or chemist. Four hundred years ago, 1540, Valerius Cordus discovered sulphuric ether. The world was to wait 200 years before it was discovered that it would put a person to sleep and keep him free from pain throughout a surgical operation. And 500 years ago printing was discovered, the most glorious anniversary in our roster of 1919. EMPLOYER'S NOTE: Dr. Clendenning has seven pamphlets which can be obtained by mail. Each pamphlet costs 10 cents. For any one pamphlet, send 10 cents in coin, and a self-addressed envelope stamped with a five-cent stamp, to Dr. Logan Clendenning, in care of this paper, at 1000 North 17th Street, Philadelphia, Pa. "The Voice of the People," "The Physician's Watch," "The Care of the Hair and Skin,"

ETTA KETI



By PAUL ROBINSON



THE GUMPS—TO THE RESCUE

