

QUESTIONS AND ANSWERS

Q. How much motor oil and gas were used by the world flyers? W. C. W.

A. Approximately 3,000 gallons of oil, and 40,000 of gasoline were used in the around-the-world flight.

Q. How many B.T.U. of heat are there in one watt of electricity? W. H. C.

A. The Bureau of Standards says that one watt hour equals 3.411 British Thermal Units.

Q. Where is the thickest coal in the world? C. H.

A. The bureau of mines states that the thickest coal seam in the world is the Fortuna mine near Coalinga, which is 100 meters or 330 feet thick. The thickest seam in the United States of high grade coal is the Mammoth Seam near Wilkes Barre, Penn. This seam is 50 feet thick, and folds running as high as 60 to 80 feet.

Q. Does a radio horn improve the sound? N. J.

A. The National Radio Institute says that a radio horn does not improve the tone of a radio—it only throws out the sound better. Nor does a radio horn increase the volume of a radio.

Q. What can be used to remove the residue of smokeless powder from a gun barrel? G. F. G.

A. The National Rifle Association says that after the residue has been allowed to remain and the barrel has become pitted, nothing can be done to remedy the condition. Rifles and pistols should be cleaned immediately after firing. It is best to swab the barrel with warm water and dry carefully, then apply a heavy grease to prevent rust.

Q. How old is Mary Garden? J. H.

A. Mary Garden will be 48 years of age on Feb. 20.

Q. How much does Niagara Falls recede each year? K. C. F.

A. The average annual recession of the American Falls is estimated at between 0.2 and 1.8 feet a year. At that rate it would take between 52,000 and 158,000 years to wear away. The age of the falls is estimated by geologists of the United States Geological Survey as varying between 20,000 and 35,000 years.

Q. Describe a boomerang? W. L.

A. A boomerang is made from hard wood in the green state and is from 2 to 4 feet long formed to a curve which may vary from an arc of ninety degrees to one of ninety degrees or there may be a distinct angular bend in the arc. The width of a boomerang is from 2 1/2 to 3 inches and the thickness is about 3/4 inch or less. The edges are finished sharp, one surface is flat and the other convex, the greatest thickness being at 1/3 of the width back from the outer edge of the curve. The ends or "wings" are warped over a bed of fine coals to the degree and twist of the warping depends the figure of flight which the boomerang will describe when thrown. All efforts by the most skilled mechanics to imitate the boomerang have failed. In throwing, the weapon is grasped by one end, and by holding in a vertical position the concave side of the

arc forward, it is hurled a little to the right of the thrower, being given a revolving motion at the same time.

Q. Are there such phenomena as "Singing Sands," J. P. M.

A. Beaches which emit musical tone or other sound when the sands are pressed under the foot or struck together in a bag occur throughout the world, notably in the Peninsula of Sinai, on the great musical mountain of Jebel Nagous, near Colberg in Pomerania, on the east Prussian coast, beaches on the Atlantic, on Wisconsin river, near Kibbourn City, Wis., on Mississippi—opposite Carondelet, on Pacific coast. Barking sands, where the sand is a mere squeak unless the sand is dry occurs in Hawaii, southwest coast of Kauai, in Africa, Liberia and West Cricqualand, Botany Bay—New South Wales, Brown's River Bay—Tasmania.

Q. Is the United States Marine corps a part of the navy? F. E. P.

A. The United States Marine corps is considered a part of the navy department. The secretary of the navy is chief of the Marine corps. The personnel officers, however, are separate from the navy personnel officers.

Q. How many immigrants were allowed to come over this year? E. C. S.

A. The bureau of immigration says that the total number of immigrants allowed to enter the United States for this year is 164,467.

Q. How is it possible for a football score to be 1-0? A. R. A.

A. The only way which a football score could be 1 to 0 is in the case of a forfeited game. One to nothing is the official score of a forfeited game under arbitrary rule.

Q. What was the Watauga settlement? J. R. H.

A. The Watauga settlement was the first permanent settlement in Tennessee—1769. It gets its name from the river near which these pioneers settled. The Watauga association formed a government which served in Tennessee for several years.

Q. What countries of the world are neutral? W. S.

A. The countries that were perpetually neutral are Switzerland, Belgium, Luxemburg and the Congo Free State. The neutrality of Belgium and Luxemburg was violated at the beginning of the World war. The countries that remained neutral during the war were Norway, Sweden, Denmark, Netherlands, Switzerland and Spain.

Q. Who was the first man to make a balloon ascension in the United States? W. V. F.

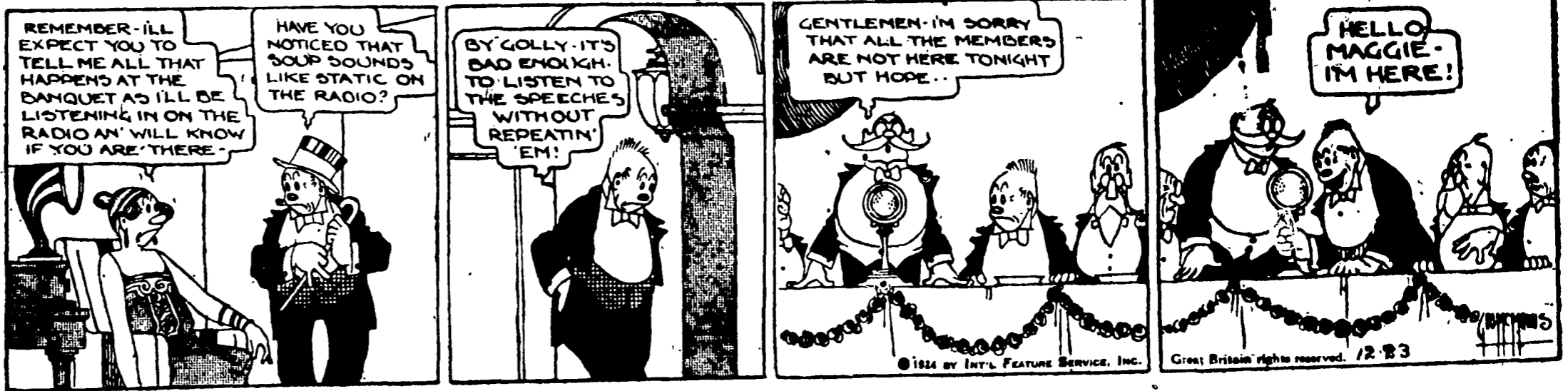
A. Jean Pierre Blanchard, a Frenchman, made the first ascent in the country. At ten o'clock on the morning of Sept. 9, 1793, the balloon arose from the Prison Court, Philadelphia. President Washington was among the spectators.

(Any reader can get the answer to any question by writing The Evening Gazette Information Bureau, Frederic J. Rankin, director, 100 N. 2d St. Give full name and address and enclose two-cent stamp for return postage. We will answer questions confidentially, the replies being sent directly to each individual.)

BRINGING UP FATHER

Registered U. S. Patent Office.

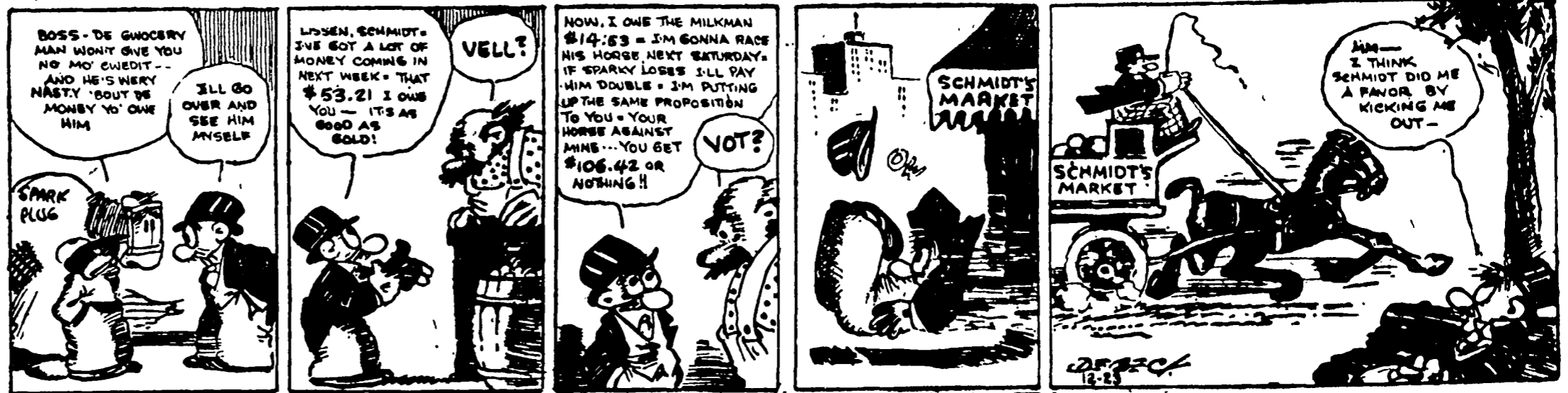
By George McManus



BARNEY GOOGLE AND SPARK PLUG

Registered U. S. Patent Office. Copyright, 1924, by King Features Syndicate, Inc.

Barney's Glad His Bet Wasn't Taken



POLLY AND HER PALS

Registered U. S. Patent Office.

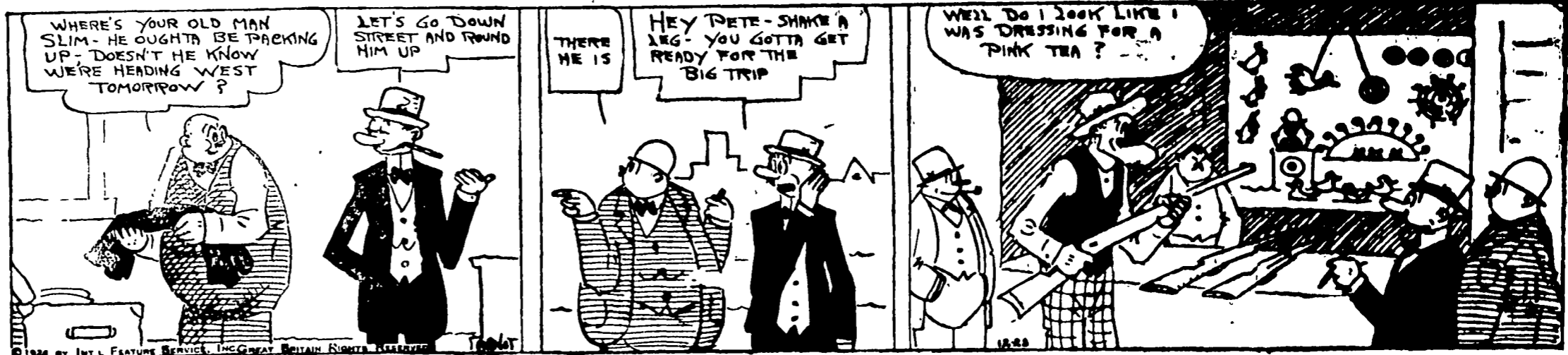
A Heavy Day for Pa



HOW DO THEY DO IT?

Registered U. S. Patent Office.

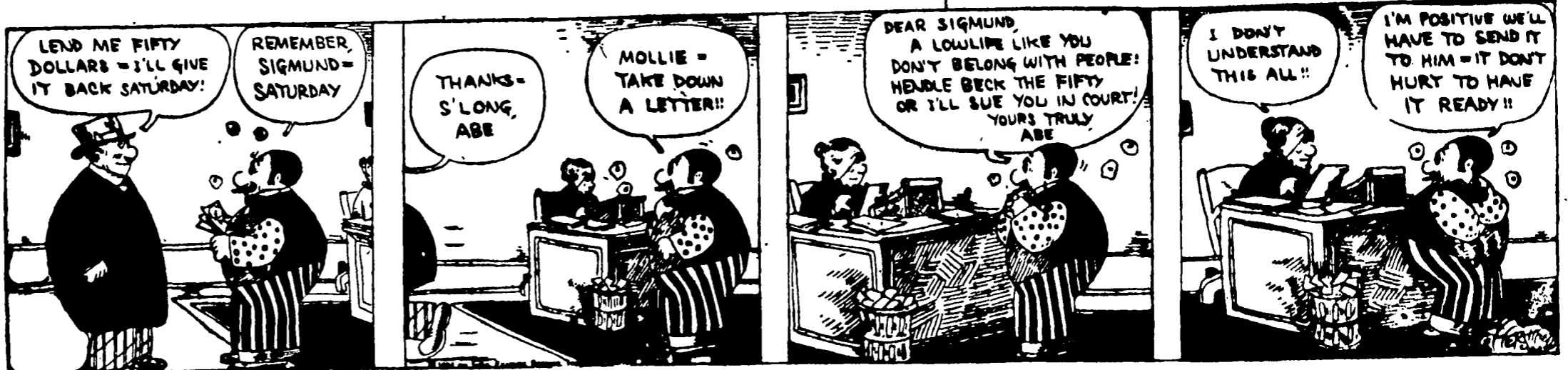
Aiming To Prepare



ABIE THE AGENT

Registered U. S. Patent Office.

Preparedness, We'll Say



KRAZY KAT

Registered U. S. Patent Office.

The Poor Little Rich Boy



Make It a Real MAN'S GIFT

No smoker's Christmas is perfect unless he receives a box of good cigars, a fine new pipe, and a jar or tin of fragrant tobacco, a carton of cigarettes or some smoker's article that a man can be proud of. You wouldn't disappoint him, would you? Not a chance if you select his gift here.

Drop in Tomorrow

Phone us to deliver or mail for you a box of 25 or 50 cigars in holiday wrapping.

NIAGARA CIGAR CO.

Phone 3210 Across from Strand. 309 Third Ave.

Give Christmas Gifts

OF

Furniture

Beautiful and Practical

A STORE FOR ALL THE PEOPLE

OUTFITTERS FOR THE WHOLE FAMILY