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 Telephones and comfortable waiting rooms with lav-
 tories for women.

Spokane Agents for North Star Blankets, the kind used on
 all Pullman coaches.

ARIZONA'S GREAT DAM NEARING COMPLETION.



Water will cover Camp 100 feet when dam is completed.
 Dam as it will appear when completed.

The \$4,000,000 Tonto dam and reservoir—one of the most marvelous en-
 gineering feats ever attempted—is being completed at Roosevelt, Ariz., in the
 heart of nature's wonderland. Towering mountains and wild, rocky can-
 yons that have stood for ages almost unknown to man are being fitted into
 a harness of rock and masonry.

Tonto dam will hold in check the largest artificial body of water in the
 world—a lake 25 miles long, with an average width of 1 1/2 miles. This store
 of water will some day change 200,000 acres of desert into a veritable fair-
 land. Any fruit, vegetable or grain that will grow in the semi-tropical region
 thrives on Arizona's deserts—but only when there is water to irrigate it.

The Tonto reservoir is on Salt River about seventy miles from Phoenix.
 Work has been progressing upon this great project four years. The total es-
 timated cost is about \$4,000,000. The project was one of the first taken in
 hand by the engineers of the United States Reclamation Service.



The extreme delicacy of many sci-
 entific processes is indicated by the re-
 port of a government scientist at Wash-
 ington, to the effect that bacteria are
 affected favorably or otherwise by the
 character of the glass containing the
 water in which they are suspended.
 Marked differences in the behavior of
 cholera germs were noted, according to
 the kind of glass composing the vessels
 used. The degree of alkalinity imparted
 by the glass to the water is believed to
 be an important factor in these ex-
 periments.

Over 500,000,000 gallons of water are
 pumped out of the anthracite coal
 mines of Pennsylvania every day in the
 year. The exact average for 1905 was
 633,000,000 gallons a day. Nearly 1,000
 powerful engines, delivering from mine
 bottom to surface 500,000 gallons of
 water a minute, are required. Mines
 may be shut down and coal production
 suspended, but the water flows on for-
 ever. According to the Iron Age, the
 cost of removing it is one of the im-
 portant items of expense that make up
 the price of anthracite.

Dr. Hauthal, a German savant, has
 put forward a startling theory concern-
 ing the remains of gigantic sloths, re-
 lated to the great magatherium and the
 mylodon, recently found in Patagonia.
 In his opinion, these animals, whose
 race is now extinct, were kept in a
 domesticated state by the prehistoric
 inhabitants of Patagonia. A cave at
 Ultima Esperanza, where many indica-
 tions of the former presence of the
 huge sloths have been found, is regard-
 ed by Dr. Hauthal as having been used
 by the ancient Patagonians as a stable
 for their beasts.

Mexican employers and traders are
 complaining of the large number of ob-
 ligatory holidays and others demanded
 by the work people. Out of the "365
 days in the year 131 are devoted to
 obligatory and traditional idleness,"
 they say. In the United Kingdom
 there are 52 Sundays and 5 bank hol-
 idays, a total of 57. If what many of
 the workers now claim is conceded,
 there will be 12 more—a fortnight in
 the year—making 69, or 62 fewer than
 are claimed by the Mexicans. But ex-
 cessive holidays are injurious to work-
 er and employer alike and a nuisance
 to the public.

Coal is fossil peat. The peat-bogs
 of to-day might become coal beds in
 some future geological age. Professor
 Potonie of Berlin says there is strict
 parallelism between the different kinds
 of peat and of coal. When the remains
 of plants collect under terrestrial
 conditions, an ordinary peat bog is
 formed. This corresponds with "bright"
 coal. If the remains collect under wa-
 ter, an organic slime is formed, and
 this corresponds with "dull," or cannel,
 coal. When terrestrial and aquatic
 conditions have alternated during the
 collection of the remains, "strata-peat"
 results, and this corresponds with coal
 deposits consisting of alternate layers
 of bright and dull coal. The chemical
 and physical properties of the various
 kinds of peat and coal show a similar
 correspondence.

The Japanese, who know so well how
 to add little unexpected attractions
 to every-day life, manufacture, in a
 great variety of forms, iron teakettles
 which break into song when the water
 boils. The song may not be a very
 perfect melody, but it is perhaps as
 agreeable as the notes produced by
 some of the insects which the Japanese
 also treasure for their music. The
 harmonious sounds of the teakettles are
 produced by steam bubbles escaping
 from beneath thin sheets of iron fas-
 tened close together nearly at the bot-

tom of the kettles. To produce the
 best effects some skill is required in
 regulating the fire. The character of
 the sounds varies with the form of the
 kettle. These singing kettles have been
 used for many centuries.

PATRIARCH OF CANDIES.

Sugar-Plum Was First Made and
 Called "Dragati" by the Romans.

The most ancient kind of candy is
 the sugar plum. It was the invention
 of Julius Dragatus, a noted Roman
 baker and confectioner who belonged
 to the family of Fabius. According to
 the New York Herald, it was in 177
 B. C. that he made the great discov-
 ery which for twenty centuries has
 done so much damage to teeth.

These bon-bons, called dragati, after
 their inventor (dragées, in French), re-
 mained the exclusive privilege of the
 family of Fabius. But at the birth or
 marriage of one of that family a great
 distribution of dragati took place, as a
 sign of rejoicing. The custom is still
 observed by many of the nobility of
 Europe.

The pastille is of far later origin,
 having been invented and introduced
 into France by an Italian confectioner,
 the Florentine, John Pastilla, a prote-
 ge of the Medici. When Maria de Me-
 dici married Henry IV. of France, Pas-
 tilla accompanied his sovereign to the
 French court, where his bon-bons had
 a tremendous vogue. Everybody wan-
 ted the Florentine's pastilles, which
 were excellent. He made them with
 all kinds of flavors—chocolate, coffee,
 rose, violet, mint, wine, strawberry,
 raspberry, vanilla, heliotrope and car-
 nation.

Burned almonds are purely of
 French origin, owing their inception to
 the gluttony of a certain French mer-
 chant. One day Marshal Duplessis-
 Pralin, an old gourmet, sent for Las-
 sagne, who had already invented many
 a toothsome dainty, to concoct a new
 bon-bon for him. Lassurance searched,
 reflected, combined, until finally he
 conceived a delicious bon-bon, which
 he baptized gloriously with the name
 of his master, Pralino, the French for
 burned almonds.

TALKS
 ON
 ADVERTISING

There is a lesson for every mer-
 chant in the experience told by a rep-
 resentative of a Chicago mail order
 house to a gathering of newspaper men
 in Iowa, says the Parsons Eclipse. He
 said that the mail order business de-
 pended entirely upon advertising. He
 made one remark that merchants
 should heed. He says they take the
 local papers and directed their special
 efforts to communities where the mer-
 chants are not up-to-date advertisers.
 If the mail order man finds that any
 line of business in any town or city is
 not well advertised, as, for instance,
 furniture, he said that they flood that
 territory with their literature and al-
 ways with satisfactory results. He be-
 lieved it true, he said, that country
 merchants could greatly cripple the
 mail order business if they would ad-
 vertise freely and in the right man-
 ner. The country merchant should
 get wise.

The After-Dinner Speaker.
 I listen. What he has to say
 A sense of sadness brings,
 He never has a funny way
 Of saying funny things.
 Puck.
 Many a man renounces single bliss-
 edness because he needs the money.

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