Secretary Shaw will retire from the treasury portfolio on March 4 and will be succeeded by George B. Cortelyou, at present postmaster general. Mr.

HARVEST OF SALT

FORNIA BEACH.

Water, Air and Sunshine Make Fortune in Pure Saline Material for Two Men-Wealth Taken from Ocean Water.

derful harvest ever reaped in southern | salt lying at their command. California and the largest of its kind white in the sun on the flat lands between San Pedro and Long Beach.

ing still more white mounds.

It is not the salt of the earth, but of the sea. It is from the waters of the gate at tide water is opened. It is in thrown a lighted match into a teach-Pacific, with the assistance of the sun reality a great valve. It will let water er's desk, where a number of papers and air, that the crop has been har- enter, but not a drop escape. As the and books were burned. the salt from the time the inrushing when it recedes the gate closes auto- that the cellar door of the church had tide of the ocean sends it in solution matically, and the salty water remains been broken from its hinges while sevcoursing through an automatic gate | imprisoned. The next tide does like- | eral attempts had been made to jimmy over the 800 acres of flat lands until wise; and so on. the beautiful crystals are loaded by automatic machinery into waiting prises about 800 acres, and the highest was found. Though they spent the enfreight cars or ground and dried and point is but a foot or so above tide tire day in efforts to discover the placed in bags for domestic use.

Los Angeles city limits is truly great. of about two feet in height. Each of for none of the residents of the Fair-

THOUSANDS OF TONS ON CALI- valued at about \$180,000, and it is Peculiar Case of Desecration Baffles simply "condensed sea water." The only three elements which are considered absolutely free to man-water. air and sunshine-have been used, and by the ingenuity of two young men, school, Superintendent Charles Fryer Orton and Linley Dunn, brothers, these three elements have been conjured into obedience to their purpose, it for a slaughter-house for about three

As a result the Dunn boys have be- over the church. There was other eviin America is lying glistening and come known as the "salt kings." Their dence of vandalism. The oil lamps supply, the Pacific ocean, will never with which the building is lighted had diminish, their means of manufacture, been pried from the wall and were It is salt; 20,000 tons of it. Pure the sun and the air, are likewise un- left on the floor, while hymn-books white and heaped in windrows, it re- limited, and the limit placed upon the and papers were scattered about in sembles a great plain of snow. Acre tonnage of their "plant" is only bound- confusion. after acre of it is there, and a hundred ed by the number of men they care to or more industrious workers dig and employ. Everything is automatic, and schoolhouse next door had also been shovel among the shining heaps, mak- it is ridiculously simple how salt is broken into, a clock had been stolen made at San Pedro.

Not a human hand touches tide rushes in the gate opens, but

000 tons lying on the ground is these ponds is connected with the view district had been

other. The highest pond. No. 1, 1si where the tide water rushes. When this is filled it is allowed to drain off; slowly by gravity into No. 2 and No. 1! is again filled by the next tide. From No. 2 the water, considerably condensed by this time, is again drained off by gravity into No. 3, and so ona By the time the briny water reaches' No. 13 it is a powerful solution of salt, water. The sun of the summer months has evaporated thousands of tons of water, and the ocean breezes playing over the surface have also helped to

eliminate the water. In the center of the vast field there are 26 vats or small ponds, each covering 50,000 square feet. These are the crystallizing vats. Into these the heavily charged salt water is admit- whispered the other figure. ted, and there it stays until the bottoms of the vats are from six inches to one foot deep with salt. By this time there is but little water in the vats, and the salt is fast crystallizing. It does not settle, as is supposed, but crystallizes, and the dirt in the water keeps clear of the salt crystals, as nothing but absolutely pure salt will

traitor that he was.

about his love-making to suit me."

were ever to find it out."

you're around-"

for a comedian!"

"But suppose she should be angry?"

know saving that I sent him to plead

don't you speak for yourself, John?'-

you know, and the next thing they'll

right foot advanced, hand on heart,

Miss Garner, the queen of the house

party, was very gay that evening, and

several of the disaffected, who had in-

quired why she should have the dis-

tinction of sovereignty in anybody's

house party, were beginning to see

why. True, she was 24, but her eyes

animated. True, she was not wealthy,

was little more than independent, and

guests, but her voice in speaking was

enchanting, and when she sang every

one remained in the room. True, her

mouth was large, but then her teeth!

moment his eyes met hers Dickey

sighed, and dropped his gaze to the

floor with such a look of agony that

the unconscious Miss Garner turned

to her hostess, and said, hurriedly,

"Upon my word, Mrs. Arnaud, I am

after which they went in, laughing.

crystallize. The last water to be drained off is called "bittern." This contains about one per cent. of sodium bromide and is concentrated about 200 times from ocean water. From this bittern water the powerful element bromide, one of | my cause-and the old chap can talk | the most perfect caustics known, can | pretty well when he gets strung out. be manufactured. Experts from Germany have tested this bittern water, and say that if the bromide were taken out it would be worth over \$230,000, but at present the entire United States consumes but \$70,000 worth of bromide, and there is no market for such a vast amount.

KILL FOWLS IN CHURCH.

Police Force.

Narberth, Pa.-Entering the Fairview Union church to hold Sunday was horrified to discover that vandals had broken into the edifice and used Los Angeles, Cal.-The most won- and the result is this fortune in pure dozen chickens, the blood and feathers of which were strewn in wild disorder

An investigation developed that the from the wall, and the robbers had About the middle of March the great | nearly burned the building, having

The Lower Merion police discovered the shutters. A cold chisel, with The property of the company com- which the shutters had been opened, level. The acreage is divided into 13 | farmer from whom the fowls had been The harvesting of this crop near the ponds or inclosures, bounded by dikes stolen, the police were unsuccessful,

with Dickey Fleming. But if the women were obtuse, Dickey had no trouble in making his meaning clear to Mr. Rembert, whom

lady?" he asked. He had swung around gave the bay thoroughbreds a flick in the revolving chair so that his face that they instantly resented by nearly was toward the window, and Dickey pulling his arms from the sockets. was left to solace himself with a view | They were less than half a mile from of one ear and the back of a wellformed head.

"Oh, sure!" said Dickey, with ready enthusiasm.

"Then why don't you tell her this yourself?" asked the elder man, coldly. "Oh. I've tried over and over!" said Dickey, rattling a ruler on the table. "When it comes to the point I'm struck dumb, you know-couldn't say a word place. to save me. Besides, I know she'll listen to you-the women all do. And say, anything you can throw in, you know, about my good qualities-"

The other whirled suddenly around in the revolving chair, and looked Dickey in the face. "By the way," he said, dryly, "what are your good quali-

Dickey's furtive grin took on an embarrassed look. "Well, you know, I wouldn't like to speak about that," he said, with becoming modesty. "You just think it over-anything right gorgeous you can throw in I'll take it as a favor. Just make it a 'beaut,' will you, and I'll try to live up to it. Ta-ta now; I leave you to think up your little 'speil.'" And Dickey went out, happily unconscious of the look that followed him.

"Well?" said Dickey. He concealed a grin behind his hand, and tried to look modestly expectant.

"Well," repeated Mr. Rembert, brusquely, "I have accomplished the very unpleasant office you asked me to undertake for you. And the young lady assures me-" He paused, and Dickey had a brief temptation to execute a jig or any other rapid step which would relieve his feelings. "She "assures me," continued Mr. Rembert. deliberately, "that she feels honored by your love, and that she accepts your

Dickey's jaw dropped and he groped aimlessly with one hand. When he recovered, Mr. Rembert had gone, and there was an echo in the back parlor as though a door had just slammed. He was alone in a huge, blank world which was all one vast mistake. When he recovered again. Miss Garner was sweeping gracefully down upon him. She held out both hands, and smiled

"You dear old Dickey!" she cried. "why didn't you tell me long ago? And why didn't you tell me yourself, you

silly boy?" She was close to him-her hair touched his cheek as she bent toward him. Dickey was shaking as with a violent ague.

When Dickey escaped to his own room at last, and had put bolt and bar between himself and a too-hilarious world, he shed tears of bitter repentance. It did not occur to him that there was anything to do but stand by that when he takes you in a penny-inthe bargain he had made. The queen the slot machine parlor, drops a penny of the house party was his-alas, his in a slot and hands you one of the ear fatal attractiveness had been his ruin, things while he takes the other, the for he had been for two long weeks busily constructing a future for himself, through every nook and corner of as well with one ear, but how does it which moved a little girl called Fan. | look?"

Dickey Fleming, the everywhere And Fan was an heiress. It was so present, the always-with-something-to- easy to love Fan. And she would say-for-himself, had raised his tones never forgive him. She would not slightly above the whisper that became even wait for him until death or some a conspirator, because the darkness unforeseen calamity should set him and the shrubbery concealed him, arch free. Perhaps she would even marry the hated Rembert, the too-eloquent "But suppose she doesn't like it?" Rembert, who had had a hand in his undoing!

DICKEY'S PLOT

BY JULIA TRUITT BISHOP

(Copyright, 1906, by

Joseph B. Bowles.)

"Oh, she'll be sure to-likes him For some weary days thereafter amazingly-and he's been hard hit Dickey was led about and shown off from the first day. It would be a by his fiancee, manfully trying to look match, anyhow, sooner or later. I'm as little miserable as possible, even in just going to help it on a bit. When a dim way to make love. That he did a man gets to be 30 he's too delicate it badly he knew, and it did not help him in the least to see her pause and look at him with interest at such insisted the other voice again. "I am times. It was a telegram that broke sure it would make me perfectly furi- the spell and proved the signal for the ous if I were in her place, and if I breaking-up of the house party. Miss Garner read it at the breakfast table, "She'll never know," said Dickey, and twisted the yellow slip thoughtreadily. "He'd just go to her, you fully.

"Too bad!" she said, with regret. "I suppose I must go. It's my lawyer. you know. How tiresome! Dickey, Then Jeanie'll give him a hint-'Why will you drive me down to catch the twelve-thirty train?"

There were exclamations of sorrow come out, arm in arm and smiling like on all sides, and one cried out, "Oh, one o'clock, and Rembert will break well, if you are going, I think I shall the horrible news to me that he has leave in the morning."

unintentionally supplanted me in the In a few moments Mrs. Arnaud knew affections of my beloved. Of course, that her house party would be flitting it's my cue to look wretched for a day before another day had closed, but she or two, but I'll gradually recover, and smiled. It had been a great success.

begin to look up and take notice when Dickey's nerves thrilled a little as he gathered up the reins. They were Fan broke into a hysterical giggle, all crowded around her and could not crying, "Oh, Dickey, you are so orig- let her go. How popular she was, inal! I always said you were intended after all-and how stunning! At least it was something that this splendid Dickey struck a dramatic attitude, creature was going to be his wife, and



"You Dear Old Dickey."

he sought out early the next morning. she had been unable to resist him! "And you think you love this young Dickey sat up a little straighter, and the station before he had them under control again. Then he glanced sideways at the face under the slanting hat-brim. It was all over with Fan, and he might as well make the best of it. He put his arm around her.

"I wouldn't do that, Dickey dear, if were you," she said, sweetly, restoring the arm with decision to its proper

"I'd like to know why?" said Dickey. much injured. "What's the use of being so stand-offish with a fellow when we're engaged?"

"Because we're not engaged, Dickey," she said with a charming smile. "Recause it's all off, and you're going back to the little Deering girl and be a good boy all the rest of your natural life. There is the station, Dickey-and drive carefully now."

Dickey was still gasping when she fluttered up the platform beside him. Not engaged? "But what do you mean?" he cried.

'Aren't we engaged?" "No, we're not engaged, my son, she said, with a little motherly air. "You know you talk so loud when you are plotting, Dickey-and the truth is, I was in the summer house that night

you made it up." Dickey shrunk visibly. His smart outing suit became suddenly a misfit. He pressed his hand to his forehead. "But Rembert!" he groaned. "Good heavens, he'll never get over it!"

Miss Garner laughed. "He's going up on the same train with me. It's four hours from here home, and if I can't manage a little thing like that in four hours I don't deserve to suc-

She had gone into the car, and was leaning from a window. "Oh, Dickey!" she called, sweetly, "I forgot to tell will be 13 inches thick. The 60-inch to sell his automobile. you that Mr. Rembert was in the summer house, too."

And Dickey leaned against the red wall of an unsympathetic railroad station and wept.

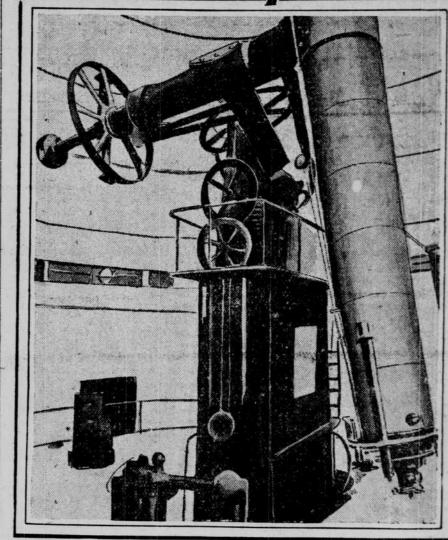
World's Largest Islands.

Australia is now uniformly classed as a continent. Madagascar is now ranked as fourth in size among the great islands. Greenland comes first with an area of 850,000 square miles; next follows New Guinea with 312,-000, Borneo with 280,000, and Madagascar with 230,000. These figures are all approximate, for detailed surveys are yet lacking. Great Britain has an area of no more than 88,094 square miles.

Limit of Economy. "I don't mind a young man econo-

mizing when he is out with me," sighed the girl. "but it seems to me limit has just about been reached. Of course you can hear the opera almost

Telescope Yet



YERKES EQUATORIAL

by the 30-story one which the daring astronomic eye opens its mighty lids builder erects, and that by still high- to penetrate among the yet undiscover structures. The 60-mile-an-hour ered marvels of the starry universe. train is soon considered slow as the One or two other comparisons be-70-mile-an-hour train speeds over the tween the projected instrument and country, and that in turn by the train certain famous telescopes now in exwhich makes still faster time. And so istence may be of interest before we it goes, until the world has come to consider the question of what the expect that the biggest thing known great new mirror may be expected to will soon have a rival in the thing accomplish for astronomy. The Lick still bigger.

dreams of the scientists would not astronomic instruments, the Yerkes sible, but when at last through the is 40 inches in diameter. Both of these, years such an enormous development it is true, are refracting, not reflectcontent? Did he believe that he had depend for their power to grasp the attained the Ultima Thule of telescopic light of the heavenly bodies, and to construction? Nay, verily. For when bring it to a focus where a magnifi the possibility of constructing a 60- able image of the object looked at i3 inch mirror had been demonstrated, formed, not upon a concave mirror the scientist at once began to plan but upon a convex object glass-but for still a larger telescope, and now it nevertheless, the amount of light that is the hundred-inch glass that is the they can collect depends, just as in goal of ambition.

advance in the size of telescopes has quently, leaving out of sight as of no just been taken by the officials of the material consequence for our purpose Carnegie Institution's Solar observa- the relative capacities of the two kinds tory on Mount Wilson, California. The of instruments for utilizing the light sum of \$45,000 has been contributed that enters them, we may, as before by John D. Hooker, of Los Angeles, to base the comparison upon the squares cover the expense, and a glass disk of their diameters. Then, the square of unexampled magnitude has been of 36 being 1,296, and the square of ordered made in France, and from 100 being 10,000, we see that the new this disk Mr. Ritchey will construct a Mount Wilson telescope will exceed mirror for a new reflecting telescope the Lick telescope in light-grasping 100 inches in diameter. Mr. Ritchey power almost eight times; and, the has nearly completed a mirror of 60 square of 40 being 1,600, it will exceed inches diameter in the shops of the the great Yerkes telescope, in like this has been looked upon as an un more is needed to demonstrate the dertaking of extraordinary boldness; truth of what we said at the beginceed the 60-inch in its power to grasp project marks an enormous step in the light of the heavenly bodies that advance for the size, and, it may now to compare them is like comparing a be added, the power of telescopes. 10,000 is to 3,600, or nearly three times been able to range. greater! The famous Lord Rosse tele- Prof. Hale expects that the new middle of the last century-and still possibility of finding intermediate in existence, and to some extent in types of stars, which have hitherto use-is 72 inches in diameter; but it escaped the ken of the largest instruis so imperfect in figure, and in re- ments, showing the transition from flecting quality, that it cannot be com- the so-called solar stars, which resem-

fornian giants. is no less than an innovation, and pensable aid in establishing a knowlmany astronomers, knowing the im- edge of the course and steps of stellar mense difficulties which beset the evolution. use of large instruments, difficulties both mechanical and atmospheric, will be disposed to doubt the success of this undertaking. The new disk financially. He was even compelled

The world is never satisfied. There | disk is eight inches thick, and weight is always a hunger for something big- a ton. These facts give an indicager and better than the present pos- tion of the enormous weight the prosession and attainment. Scarcely has jected mirror will possess, and sugthe world become familiar with some gest to those who are familiar with great achievement which eclipses all the mechanical problems involved in former effort before still larger things the mounting of huge telescopes some are in process of the making. The of the practical difficulties that will 20-story sky scraper is soon distanced have to be overcome before this new

telescope on Mount Hamilton, for So it has been with the instrument many years the most powerful in the which the astronomers use to search world, is 36 inches in diameter, and the heavens. Years ago the wildest its successor in the leadership of giant have thought a 60-inch telescope pos- telescope of the Chicago University. had been reached, was the scientist ing, telescopes—that is to say, they the case of a reflecting telescope, upor The first step in such an enormous their "aperture," or diameter. Conse observatory at Pasadena, and hitherto manner, more than six times. No but the 100-inch mirror will so far ex- ning, that this ambitious Californian

full-grown man with a child. To But the great advantage of the 100 show this it is only necessary to re- inch telescope will lie, as already inmember that the capacity of a tele- timated, in its enormous light-graspscopic object-glass, or mirror, to colling capacity. This, independently of lect light varies directly with the any question of magnification of the square of its diameter. The square image, will endow it, to an unexamof 60 is 3,600, and the square of 100 pled degree, with what Herschel called is 10,000; therefore, the power of the "penetrating power," i. e., the ability contemplated telescope will be to that to lock deeper into the profundities of the telescope nearly completed as of space than any eye has ever yet

scope, constructed in Ireland in the telescope will greatly increase the pared with either of these two Cali- ble our sun, to stars of the "fourth type," which appear to be suns nearly In truth, a hundred-inch telescope extinguished. Thus it will give indis

The Last Straw. "Van Millyun is completely ruined

Bellboy Was Foxy

Many Many Many Many Many Many Many

Itad Evolved Shrewd Scheme to Save Himself Trouble.

George C. Boldt, the noted hotel nan, said in the course of a recent address before an association of hotel bell. I'll show it to you." clerks in New York: "A spirit of willing service, of eager helpfulness, goes her room for her, and pointed to the far toward bringing success in the ho- bell beside her bed. tel business. Let me illustrate the spirit I mean by an account of a differ-

ent spirit. "A hotel man in New Hampshire

running, fill her pitcher from the wa- fire." ter cooler in the hall, and return quietly to her room again. At first he thought the lady had some special reason for this queer performance. Then he thought he had better speak to her. Accordingly, on the fourth or as a rustic clergyman could do it: took the pitcher from her hands, and filled it himself.

"'If you would ring, madam,' he conventional wedding."

said, this would be always done for you. There is no occasion for you ever to come down yourself for water

A ring-"But I have no bell,' said the lady. "'Oh, madam, of course you have a

"And he carried the pitcher up to

"'That is the bell,' he said. "The lady started in surprise.

"That the bell?' she exclaimed. 'Why, the bellboy told me that was was surprised to see one of his women the fire alarm, and I wasn't to touch guests come downstairs several nights it on any account except in case of

Senator Knox's Graceful Speech. Senator Knox is quoted as saying when informed that his son had "eloped" and been married as simply fifth night, he approached her politely, find this morning that I have acquired

a very charming daughter-in-law without any of the trouble incidental to a

HOW WE ESCAPED BEING FISH.

Earth Would Have Been Completely

Enveloped by Oceans But for Moon. Chicago.-If it were not for the moon the inhabitants of this world would to-day be swimming around in one world-sized fishpond. Fins and scales would be their only clothes. Angleworms would be their diet, and they probably would be furnishing the greatest sport for the fishermen who inhabit Mars and other nearby worlds.

How they escaped this fate is explained by Dr. William H. Pickering, professor of astronomy in the Massachusetts Institute of Technology and in the Harvard observatory, in the Journal of Geology, issued from the University of Chicago.

He contends that the moon was made out of materials which formerly filled the basin of the Pacific ocean. and that when it separated from the earth it took along three-fourths of the earth's crust, the remainder of the crust being torn in two to form the eastern and western continents.

"If the moon had not been formed, or if it had carried away the whole of the terrestrial crust, our earth would have been completely enveloped by its George Knap Lives in a House Full oceans," he says.

Self-Seeking New York.

"I wonder," remarked a Wall street speculator, "if people really do take me for a pair of tongs?" "Why ask it?" triumph of electricity. No servants him to hear anything said above a "Because a day does not pass in which need appear to disturb their master's whisper anywhere in the house and someone does not attempt to use me tranquillity. He presses a button and to answer if he pleases. to pull his chestnuts out of the fire. a tray bearing a course rolls into the New York," he added after a moment's dining room. He can halt the tray hesitation, "is the most generous place at each guest's elbow. in the world when it comes to disposing of somebody else's money."

Wants Men to Go Hatless. Baltimore, Md.-Dr. Thomas Shearor professional calls.

Active Profession for Women.



In America women are taking with enthusiasm to callings generally supposed to be the prerogative of men, and among them is agriculture. The above photograph shows a class of girl students taking a lesson in plowing at an agricultural college in Philadelphia.

HAS AN ELECTRIC PALACE.

of Clever Devices.

Paris.-The home of George Knap. an engineer who might well be called Knap has invented would not be wel-"the king of modern magiciars," is a

When the temperature in any electrically heated room rises above 60 degrees little bells ring. Pressure on a button silences them and reduces birds which it is believed can be introthe temperature. Knap presses a duced into the state are the daleypa, er, a leading Baltimore physician, has button and the beds in every room which is native to Norway; the caperstarted a hatless fashion for men. He are heated comfortably. Another and cailzie, which is found in the highlands wears no hat in making either social the morning meal and coffee arrive of Scotland; black cock and ringmysteriously by each bedside. An necked pheasants.

other and the blinds and windows open of themselves. Yet another and each room is filled with soft light from halfhidden lamps and permeated with sub tle perfume.

A marvelous speaking tube which comed in most households. It enables

Importing Game Birds. Some of the wealthiest sportsmen of Vermont are now engaged in a movement to stock the coverts of Vermont with foreign game birds. Among the

Rules that Life Pass Is Legal.

Court Interprets New Rate Bill Favorably to the Holders.

the federal court, has overruled the more than a ticket bought and paid demurrer of the Louisville & Nash- for. The demurrer of the railroad ville Railroad company to the equity company, which was argued by Col. petition filed by Erasmus L. and Annie H. L. Stone, was based on the rebate M. Motley, in which the latter sought law, which prohibits the issuing of to enforce a contract by which the passes, the railroad taking the posirailroad company agreed to issue antion that this law ended its contract nual passes to each of the plaintiffs with the Motleys.

during their lifetime. The court says that the act of June 29, 1906, known as the railroad rate bill, under which the railroad company declined to issue the passes as agreed. in January, 1907, should be considered precisely as if, in its general language, there was an express exception excluding from its operation the complainants' contract. In no other way can the vested contract rights of the complainants be preserved.

The general tenor of the opinion is to the effect that congress did not in- | ton Post.

tend to annul any previously made contract founded upon good consideration. The court says, further, that the passes issued the Motleys, while Louisville.-Judge Walter Evans, in called "free passes," were not so any

> Just Like a Trust. Mosely Wraggs-'Sposin' you had all the money you wanted. Wot then?

Wareham Long-I'd want more, o' course."-Chicago Tribune.

Of Course Not. "Does your husband ever deceive you? "If he does, I don't know it."-Hous

Uncover Large Cave. Knoxville. Tenn.-Convicts at work

on the Brabson's ferry pike, near here, dug into the top of a large cave, which gave evidence of having been used in prehistoric times by a race of people now extinct. It is a veritable charnel house for human skulls and bones. A lot of pretty shells and some me-

tallic aspidiums were also discovered. indicating that the cave was the death house for the warriors of the race. Six bushels of relics were taken out from the section explored. The cave will be examined further.

in the belief that it may throw light on the aboriginal inhabitants of this country, perhaps a race preceding the Indians.

Cleopatra's Hair Dyed.

History has many instances of the blonde type. A learned Englishman has discovered in some ancient gossipwriters on papyrus, that the beautiful Cleopatra had the fox red hair of all the Ptolemys, and resorted to dyes and cosmetics to keep up her reputation for good looks.