A NOVEL.

By Mrs. Elizabeth C. Winter. (ISABELLA CASTELAR.)

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vocation. The Earl of Windermere

had wished him to study for the church

so, words of anger more bitter

his brother's death without an heir,

prime of life and had been already

left England ten years before, the suc-

cession was probably long since pro-

vided for; and for himself, he added.

was wholly independent of his father

his wish never to see it again even if

This story, simple enough in itself,

and, like many others he had heard,

became especially interesting to Mr.

Hamilton when he saw the acquantance

between his daughter and the young

Englishman ripening into an intimacy

rumored engagement between the

two; and he was particularly glad to

particular. In regard to her future, Mary's father had but one ambition—

that she should love the man she

married, and that she should marry

course of human events, such a thing

should come to pass, but it was a sub-

ject she was not going to allow her-

self to dwell upon; and when she

heard of the little boy-heir, she was

far too gentle and too much a mother

even to think again of future possi-

As for Mary Hamilton-she cared

for none of these things. She had

never yet allowed herself to think very

seriously of Stanley. They had drifted

into the easy, half-fraternal intimacy

of their age. They called each other Polly and Clarence; she thought him

"very nice," and as she had said to

Dolores, she "liked" him, and had

even wondered sometimes what his

state of feeling might be in regard to

The acquaintance had progressed

just so far when Mr. Hamilton sud-

denly announced to his family that

business would make it necessary for

him to spend a year or two in New

York; and when they had been three

weeks in their new home, Clarence

Stanley one day called on them. He

explained that he had business in Chi-

cago, and by an original method of

traveling, had chosen to get there by

way of New York-just exactly how

did not appear; but he supposed this

roundabout route must be due to his

English ideas of the country. Mr.

Hamilton was disposed to jeer at him

as a traveler, but Miss Polly declared

she could see nothing to laugh at, par-

ticularly as the Chicago business did

not seem to be very pressing; and

ence went there, he found that he could

making New York his headquarters.

just imparted to his admiring listen-

ers, Mrs. Hamilton and her daughter

-for Mary had been correct in her

surmise that he would call on her be-

Looking at Clarence Stanley at that

moment, it was natural enough that

Polly Hamilton, or any other young

girl, without experience or the un-

usual perception that may serve in

place of it, should "like" him and

more than like him. He had the posi-

tive and unmistakable physical beauty

eye. He was tall and graceful, even

elegant, in figure; he dressed perfect-

ly; he was blonde, with hazel eyes-

wonderful eyes in their changing va-

riety of color and in a strange, steely

fore the day was over.

This last item of information he had

to succeed him.

bilities.

herself.

owner.

engaged to marry when Clarence had

CHAPLER IV.

CONTINUED. From the first Dolores had possessed a certain command over Mary younger sons—and on his refusal to do Hamilton, who, although naturally so, words of anger more bitter self-willed and not lacking in strength than had ever before passed be-Influence of this strange girl. She was aware of this, and did not resent | could neither forget nor forgive. By it; and she was still thinking about it right of inheritance he had not even Dolores returned to the carThe brief visit to her old had never liked him, now "Certainly—it y when Dolores returned to the carabode had been painful, and she was hated him bitterly; but on the death pale and trembling, but she had evi- of his mother, he had inherited the cently been successful, for she car- small fortune which she had possessed ried in her hand a little box of some in her own right; and, with the whole old-fashioned Japanese workmahship, amount in his portmanteau, he shook in which were contained all her off, as he hoped, forever, the dust of

worldly possessions.

"Yes," she said, in answer to only could induce him to return to Mary's questioning gaze, "I have everything safe. Let me show you so remote as to be scarcely worth the picture of mamma-it is so beau- taking into account. In the event of and flamed until Mary could have tiful! Papa had it painted soon after their marriage. As you may see, the frame was once set with jewels, but estates and Earldom of Windermere. they melted away, one by one, leaving But, as Lord Appleby was in the only the lovely face-to me, the choicest gem of all."

She pressed the frame of the oldfashioned case, and, as the lid flew back, Mary could not repress a cry of almost startled admiration at the with a touch of pardonable pride, he beauty of the exquisite face that was revealed to her. The likeness was a or brother, either; the small fortune miniature on ivory, painted by the inherited from his mother had already hand of genius. "The lily's snow and been doubled and trebled so many the blood of the rose" had met to times that he could buy and sell and a cherry, seemed really to unclose, so ket. Not that he had any wish to beshaded by dark lashes that curled up-ward like a baby's, and eyebrows al-nance as well as bitterness, declaring upon a forehead white and clear as the fate should make him its future most as dark lay in perfect curves silvery brightness of the new moon. The final touch of color lay in the hair, shining like a shower of gold as it fell in unbound, girlish carelessness about the neck and shoulders.

"Oh, what a beauty!" exclaimed Mary, almost breathless with admiration. "I never saw such a lovely face! that had already given rise to a I see where you get the ruddy, golden lights in your hair, Lorita, but-" 'I am not to be named in the same find, on investigation, that young day with her," said Dolores, filling Stanley's account of himself seemed

out the sentence that Mary left incom- to bear the stamp of truth in every plete. "I know it, dear. There was no one-no one-so beautiful as my mother."

And the listener easily understood that love for her mother had been the the right man. Through his many one sole passion of this girl's life. friends and correspondents abroad he She knew already how sad, what a had been able not only to substantiate mockery of destiny, had been the end | Stanley's own story of his family but of that beautiful woman; and she to add to it some facts as yet unknown longed to change the thoughts that to Clarence, who had held no comwere pressing so painfully on the munication with his father or brother mind and heart of her lonely child, since leaving England. The earl was but she knew not in what words to still living, though advanced in years, sympathetic. Dolores understood, stand many thought. Pressing her lips to the terly opposed as ever to his younger then, feeling that he was safe from lovely, smiling lips of the picture, she son. closed the frame and returned the poor health, but his son, an only and pushed aside the rich, waving miniature to its place.

"Some day we will read the manuscript together, Maruja, though by this time, perhaps, you can guess at the most of it, since I have told you so much of myself and my ancestry. But it will be sweet to talk it all over with you as I used to do with mamma. What thrilling tales and wild romances we have built up on that legend! Many and many a time it has served us for dinner and supper, and often in the magnificent feasts of our heroes and heroines have we fed ourselves and forgotten that we were hungry."

As the carriage now turned into the avenue, on their rapid drive homeward, Mary suddenly leaned forward and waved her hand, in answer to a bow from a gentleman whom they had passed on their way.

"Did you see him?" she asked, with scarce repressed excitement, and turned her sparkling face to Dolores. "I saw a gentleman—yes. He bowed to you, but I did not notice him particularly.'

"It was Clarence Stanley-the Hon. Clarence Stanley in his own country, you know. Oh, Lorita, I-I like him, I think. I wish you had noticed him-particularly. But no matter. You will have a better opportunity soon, for he will be sure to call on us to-day. I suppose he has only just come to town, for he has been in Chicago for some time- Lorita, dearest, were you ever in love?" "Never!" returned Dolores, with

the promptness of absolute conviction. Mary sighed impatiently.

"I supposed you would say that," she said. "And, indeed, how could you, for you never had time; and, oh, my dear little Lorita, it does take such an awful lot of time! But I can't help wishing you had been, because-perhaps-you could enlighten me a little. I'm afraid-sometimes I'm awfully afraid that I am in love, Rita, and if I attend to his affairs much better by am and he is not, whatever shall I do, my dear?"

Dolores smiled, as mothers and elder sisters smile over spoiled children; the trouble that was agitating Polly Hamilton seemed then so trivial to her.

"Don't be disturbed about it, Maraja," she said placidly. "If you are in love, you will certainly find it out in good time; and I don't think any properly disposed young gentleman can fail to respond to such a compliment in the right way."

"What a comfort you are, dear!" exclaimed Polly. "Now, I had never thought of that till you suggested it! that appeals at once to the feminine Of course, nothing could be simpler.

CHAPTER V.

THE HON CLARENCE STANLEY. It was in her native city that Mary Hamilton first met the Hon. Clarence glitter that sometimes shot into them, Stanley; and, although, as he had told for the moment changing the whole her, he was an Englishman by birth expression of the face. His mouth was and education, she soon perceived that firm, almost cruel; and, though it was he was also, as he claimed to be, an shaded by a long, silken mustache, he old Californian. He had come to the had a trick of passing his fine white with his father on the subject of his further to conceal it. Young women | mills to Giants' Causeway.

said this was mercly to display his were in it such possibilities for good

or evil.
To Mary Hamilton it was rapidly becoming the most interesting and attractive face in the world, and she was just becoming aware of it, though she did not guess how fully her feelings were betrayed by her eager eyes and faintly flushed face.

"And this wonderful new sister that you have found, Polly," he said, for Mrs. Hamilton had been telling him -that time-honored step-mother of all that had chanced in his absence-

"am I not to see her?" "Yes," Mrs. Hamilton answered, rising to leave the room. "I am goof character, always submitted to the tween father and son, were spoken ing to send her to you, Polly, dear -words which Clarence declared he and don't forget that the opera begins at eight. You will accompany us, Clarence? Californians never miss the

> "Certainly-it you will have me." And turning to Mary, when they were alone, he said:

"And what is her name-the new sister?"

"Oh, the loveliest name, like herself, and just suits her-Dolores Menhis native land. One consideration doza."

"Dolores Mendoza!" exclaimed Stanley, in a tone of uncontrollable amazement. His eyes suddenly glowed leaped from them. That look passed, but a steely glitter remained that caused her an involuntary shudder.

"Yes," she answered, making no effort to conceal her surprise. "Do you know her?"

"Not at all: but the name is an unusual one, and I happen to have heard it before. It is in some manner con-nected with my family, but I don't know how.'

"How very strange! But every. thing about my darling Lorita is strange. She has such a history!] form that exquisite complexion; the buy again the Windermere estates if may tell it to you some time, perhaps. mouth, soft as velvet and crimson as they should ever come into the mar- Ah, here she is!" And hastening toward Dolores, who now appeared at life-like were the smiling lips; the come their possessor, by any means; the farther end of the long drawing eyes were like dewy violets, and were for always in referring to his English room, Mary put her arm about the slender figure, looking now so very slight and tall in her clinging, black draperies, and drew her forward till they stood before Clarence, who had dvanced to meet them.

While she pronounced the few words that made them known to each other, Stanley bowed deeply, never removing his gaze from the pale, highbred, sensitive face; but as Dolores acknowledged the introduction with a rather formal expression of pleasure, Mary felt her supple form becoming rigid; a long, gasping sigh burst from her lips, and her head fell backward. "She has fainted!" exclaimed Mary,

in the greatest alarm. "Oh, Clarence, help me! How terrible she looks Her eyes are wide open, yet she doesn't breathe!"

"Call some one. Don't be alarmed She has been ill, you know. A little water, perhaps, or ammonia. I must own I am not of much use, Polly, for I never before saw a young lady in a

faint." He was extremely self-possessed, however, to Mary's great admiration; and when they had placed the insensible girl on a lounge, she hastened begin, without seeming hard and un-but so hale and hearty that he might away for the assistance and restorayears between Lord tives and responded to the unspoken Appleby and the coronet, and as bit- waited till she had left the room, and Lord Appleby was said to be in observation, he stooped over Dolores child, was a robust and splendid boy; hair from her brow. There, on the and if the old earl should outlive his left temple, was a small heart-shaped own son, there would be a grandson mole, in color as red as a ruby and in shape as perfect as if traced by the pencil of an artist.

Mrs. Hamilton gave one little sigh "I thought so!" exclaimed Clarence when she first heard all this from her Stanley. husband. It would be very nice to see her daughter a countess if, in the

He turned to a mirror over the mantel-piece and raised his own blonde hair from his temple, on which Nature had painted the same heartshaped mole, but its color was black as if cut from ebony.

"We two are the last of the Mendozas," he muttered under his breath; and his cruel mouth quivered strangely, fiercely, "and the sole heirs to that fabulous wealth that lies buried in the Santiago Canon! But who shall discover the secret of its hidingplace?"

As he turned from the mirror and. bending over Dolores, smoothed the hair about her brow, both Mary and her mother hastily entered; followed by a servant, bearing in the way of restoratives everything her young mistress had been able to find.

TO BE CONTINUED.

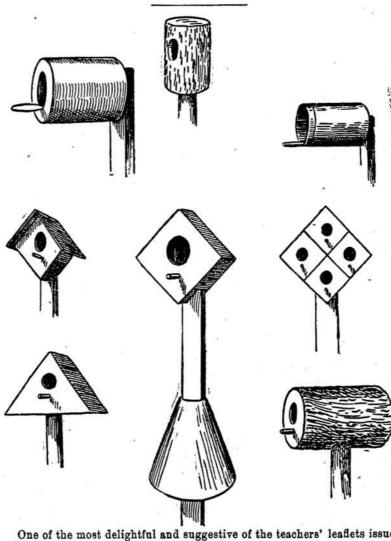
The Indian and Water.

The American Indian, be his tribe what it may, has no great fondness for water taken internally, and no use at all for it as an external application. One or two quarts of water will carry a family through a day, and even in the arid regions of New Mexico and Arizona, where the atmosphere takes up moisture from the body before it reaches the surface of the skin, the per capita of water used is small. Perhaps the scarcity of that fluid has something to do with the wonderful economy in its use which prevails, for it is almost never applied to the body, with the single exception that no Indian will lose an opportunity to wash his long, glossy black hair. Of their when, at length, the Honorable Clar- hair they are as proud as any woman, and devote much time and attention to its proper care, even sacrificing a small quantity of the precious water now and then for that purpose. Two quarts, with the bruised roots of the yucca, or soap weed, are all that is necessary for this purpose. As might be expected under these conditions the tribes are periodically visited by dreadful epidemics of smallpox, which often decimate them .- New York Post.

Deepest Wells.

A curiosity, at least, is this com pilation of the deepest wells in the world: In Europe, one at Passy, France, depth, 2000 feet; at La Chapelle, Paris. 2950; at Grenelle, Paris, 1798; at Neusalwerk, near Minden, 2288; at Kissingen, Bavaria, 1787; at Sperenberg, near Berlin, 4190, which is said to be the deepest in the world; at Pest, Hungary, 3182. In the United States there are wells located at St. Louis, depth, 3843 feet; at Louisville, 2086; at Columbus, Ohio, 27751; at Charleston, S. C., 1250.

The first electric railway in the country when a boy, having quarreled hand over it occasionally, as if still world was built in Ireland, from BushIMPROVISED BIRD HOUSES.



One of the most delightful and suggestive of the teachers' leaflets issued by the College of Agriculture, Cornell University, for use in the public schools, is one entitled "The Birds and I," by L. H. Bailey. This is illustrated by a number of suggestions for bird houses, which may be copied by all the boys and girls who are always wanting to use hammer and nails and "make something useful." Some of the many forms which can be used are shown in the picture. Any ingenious boy can suggest a dozen other patterns. The floor space in each compartment should not be less than 5x6 inches, and 6x6 inches or 6x8 inches may be better. By cutting the boards in multiples of these numbers, one can easily make a house with several compartments; for there are some birds, as martine, tree swallows and pigeons, that like to live in families or colonies. The size of the doorway is important. It should be just large enough to admit the bird. A larger opening not only looks bad, but it exposes the inhabitants to dangers of cats and other enemies. Birds which build in houses, aside from doves and pigeons, are bluebirds, wrens, tree swallows, martins, and sometimes the chickadee. For the wren and chickadee the opening should be an inch and a half augur hole, and for the others it should be two inches.

The South's "All's Well."

By R. H. EDMONDS.

Ten years ago the South fought its first skirmish in the endless battle that ever rages for the world's commercial supremacy. Its pig-iron entered the markets so long dominated by Pennsylvania furnaces, and, to the dismay of those who had affected to despise its rivalry, won a substantial victory. Alabama iron became a factor in every iron-consuming centre. and from this position it could not be dislodged. About the same time Southern cotton mills were forcing their product into successful competition with the output of New England mills. But as Pennsylvania iron and steel people took refuge in the claim that the South would never advance beyond the iron-making stage, that it could never become a factor in the ton-mill owners wisely abandoned old of cotion oil and cotton-seed meal are higher forms of finished goods and in machinery, and, equipping their mills averaging nearly 1000 tons a day. Of steel-making, so the New England with every modern improvement, drove this industry the South has almost as mills lulled themselves into a sense of them to their utmost capacity night much of a monopoly as it has of cotsecurity on the claim that though and day, in order to double the output Southern mills might make coarse on their invested capital and proporgoods, they could never acquire the tionately reduce the cost of goods; its skill and the capital needed for the finer goods. In the light of what has been accomplished within ten years, it seems very strange that such arguments as these should have done duty

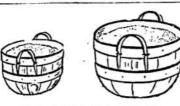
many gatherings. A Prophecy. Judge Kelley-"Pig-Iron Kelley," as he was familiarly known-had been wiser than his people. Nearly twenty

in so many newspapers and in so



WAGES PAID TO FACTORY HANDS. \$75,900,000 \$350,000,000.

years ago he proclaimed the coming power of the South in all industrial pursuits, and heralded it not as a disaster to Pennsylvania and to New England, but as an added strength to the industrial power of the country. 'The development of the South," said he, "means the enrichment of the nation." In this light the progress of the South should be watched, for while its industrial upbuilding may mean the changing of some forms of industry in other sections, there is versatility enough in our people and in our country to find a new avenue for the employment of brains and energy and capital for every one that may be closed by changing business conditions. New England may yield the sceptre of cotton-manufacturing to the South, to the vast enrichment of the South, but New England will find new openings for its tireless energy and its accumulated capital.



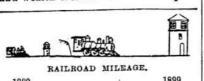
GRAIN PRODUCED-BUSHELS. 1898-99. 736,600,000. 431,000,000.

The South will become enormously

wealthy through the change, but New

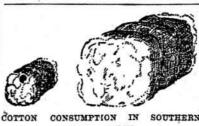
England will not be made the poorer.

The First Skirmishes. Just about the time when the South was winning these first skirmishes, and when its people were dazzled by the new opportunities of employment and wealth creation which were open



ing before them after the darkness of thirty years of war and reconstruction | bought by strong companies, and are over \$10,000,000 of work under contrials, there came the world-wide | now being put into blast. With every | tract, including two steamers of about | teeth.

financial panic following the Baring failure. The South, suddenly brought down from its dizzy speculative height, had to face new conditions. The business world recognized that the supreme test of the South's inherent advantages and possibilities iron-masters steadily reduced the cost tricts. of iron-making until furnaces which had been turning out \$8 and \$9 iron



MILLS-BALES.

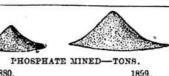
were able to produce \$6 iron; its cotcotton-planters, who had kept their corn-cribs and smoke-houses in the West, buying in the aggregate about \$100,000,000 worth a year of Western corn and bacon, commenced to raise their own food supplies, and in this way, returning to the old ante-bellum system, reduced the cost of raising cotton. While these changes, all revolutionary in their character, were in progress, the small tankrupt railroad lines were brought into compact systems, new and heavier rails laid, rolling-stock increased and necessary

extensions made. Iron and Coal. Thus the South passed through the long period of depression, standing the great test, which came so unexthe world's confidence. It not only



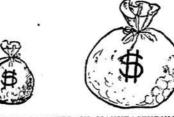
1880. 667,060.

held its own during this period, but its iron-makers entered foreign markets, and demonstrated that the South could dictate the price of iron for the world. Alabama iron set the price in represent about \$25,000,000 more. England and on the Continent, as well as in Japan, and even from Jerusalem came an order for it. This marked a mill-owners, recognizing that the revolution in the world's iron and



steel interests. Henceforth the world was the market for Southern iron. When this point had been reached the next step was to build steel-works commensurate with what has been ac-

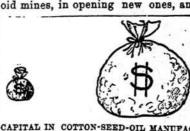
complished in iron-making; and to-day two gigantic plants—one to make stee billets, and the other to make finished steel products-are nearing com pletion at Birmingham. They have cost about \$2,500,000. They have



APITAL INVESTED IN MANUFACTURING. 1890. \$1,000,000.000. 1880. \$257,000,000.

already booked heavy orders for steel billets for shipment to Pittsburg. A number of furnaces built during the boom of 1889-90, and which have been idle ever since, have lately been

ises to be nearly fifty per cent. larger than ever before. The demand for coal exceeds the production, though that is now at the rate of 40,000,000 tons a year. There is almost feverish activity in enlarging the output of oid mines, in opening new ones, and



CAPITAL IN COTTON-SEED-OIL MANUFAC-

1880. \$3,500,000. \$40,000,000.

in building coke-ovens; for a ready demand meets every ton produced, with a profit that makes glad the stockholders.

The Phosphate Industry.

Turning from iron and coal, with the almost fabulous profits which they are yielding, to other industries, phosphate-mining looms into prominence. Up to ten years ago South Carolina was the only American source of phosphate rock, and our fertilizer factories, as well as those of Europe, had to depend upon the few hundred thousand tons which that State annually produced. Then it was discovered that Florida had vast phosphate beds, and soon that State surpassed South Carolina in this industry. Two or three years later similar discoveries were made in Tennessee. and the mining activity which has followed reminds one of the tales of de-



COAL MINED-TONS. 6,000,000.

velopment in new gold regions. years ago the South's output of phosphate rock was not more than 750,000 tons; this year it will be 2,000,000 tons. What this means in the diversification and improvement of agricultural conditions is too broad a subject for treatment here.

The Forests.

Possessing one-half of the standing timber of the United States, the South is building up immense lumber and wood-working interests, and throughout the entire lumber region business had come. It faced the situation-its is as prosperous as in the iron dis-

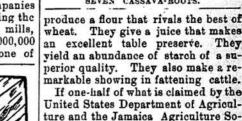
Cotton is Still King. Though the value of the grain now

raised in that section exceeds on the farm the value of the cotton crop, cotton is still the dominant power in the business life of the South. -No other country has such a monoply of any agricultural staple of such world-wide influence as the South has of cotton. Cotton and cotton-seed bring to Southern farmers an average of \$300.000. 000 a year. The comparatively new now employs over \$40,000,000 of Galveston alone the foreign exports health did not improve he was diston-growing, but in the manufacture



COTTON 188). 5,750, 000 1898-99. 11,274,840.

of cotton goods this section, though making marvelous progress, is still only getting well_started. There are about 100,000,000 cotton-spindles in the world: The South furnishes the cotton for about three-fourths of these, or 75,000,000 spindles, but has only 5,000,000 spindles. To consume in its own mills its crop of 10,000,000 to 11,000,000 bales would require the investment of over \$1,500,000 in new pectedly, in a way that strengthened mills, and long before that point could be reached, even at the present rapid growth, the world will annually reguire of this section from 25,000,000 to 30,000,000 bales. In 1880 the South started on it's cotton-mill development with a basis of 667,000 spindles, representing a capital of \$21,000,000. By 1890 it had \$61,-000,000 capital in this industry and 1,700,000 spindles. To-day it has 5,000,000 spindles and about \$125, 000,000 of capital invested in cotton mills, while mills under construction The most significant sign of the times in this industry is that New England South is bound to win, are transferring large capital to Southern mills. A number of the leading mill companies of the former section have, during the last few years, built branch mills, costing from \$500,000 to \$1,000,000 each, in the South; and now one of



ALUE OF MANUFACTURED PRODUCTS. 1880. \$457,400,000. \$1,500,000,000

New England's greatest corporations is spending \$2,500,000 in building in Alabama what will be the largest cotton-mill ever constructed as a single enterprise. The recent advance in the price of cotton is bringing prosperity to the farmers, and if it holds for the balance. of the season, will mean \$75,000,000 more to them than they received for last year's crop.

In diversified interests the same story of progress and prosperity runs. The Newport News Ship Yard, with

PIG-IRON PRODUCED-397,000.

furnace crowded to its utmost capac- 12,000 tons each for the Pacific trade, ity, which will soon be the case, the the largest ever built in America, is output of Southern iron in 1900 prom- said to be employing more hands than



CAPITAL INVESTED IN COTTON MILLS 1880. \$21,900,000.

comotive Works are competing with the Baldwins in exporting locomotives; the Maryland Steel Company, has been furnishing steel rails for Russia's Siberian Railroad, for Australia and other distant regions; Alabama coke has gone to Japan, and the export of both coke and iron is only limited by the fact that the home de-

mand now exceeds the supply. The South's Story in Statistics.

Statistics are often uninteresting. but the story of the South's progress-cannot be told more clearly than in the comparative illustrations scattered! through this article, in which reliable estimates are given where exact fig-

ures are not obtainable. Surveying the whole Southern situation, what has been done and what isunder way, it can be truly said that -"ali's well,"—Harper's Weekly.

What One Hears in the Telephone.

"It is very hard to realize that the voice one hears over the telephone is not the voice of the person who is talking," said an electrician, obstting: about the oddities of the business, to a reporter of the New Orleans Times-Democrat. "It seems exactly like the real tones, drawn out thin and small and carried from a long distance by some mechanical means, but it is not. When one speaks into the instrument, a little diaphragm, like a drum-head, begins to vibrate, and each vibration sends a wave of electricity over the wire. These waves set up a mimic vibration in another disphragm at the opposite end, which jars the air and produces an imitation of the original voice. That's not a very scientific explanation, but it's accurate. The autograph-telegraph, which makes a fac-simile of handwriting, is a fair parallel. You writeyour message with a pen, attached to a special electric apparatus, and a little ink siphon at the other end of the line exactly imitates every dot and curve. The result seems like the real thing, but is merely a first-class counterfeit. It's the same way exactly with the voice in the 'phone."

Pensioned a Chinese. Ah Yu, of Shanghai, China, has been granted the first pension ever is-

sued by this Government to a native of the Celestial Empire. This Chinese, who served with Admiral Dewey, although he was not in the battle of Manila, has been a faithful servant of Uncle Sam since July 23, 1884. Ah Yu served as landsman, mess assistant and cabin steward, his last service being in 1897, when he was attached to Admiral Dewey's flagship, the Olympia. In September of that industry of cotton-seed oil making year Ah Yu was sent to the hospital at Yokohama, suffering from lung capital, and yields an annual product trouble. Since then he has been operated on several times, but as his charged from the service. Shing Wu and Wong Soon Doon, of Shanghai, certify to the identity of Ah Yu, and the examining surgeon says the sailor Chinese is totally disabled for the performance of any labor. Ah Yu served on the Olympia, Baltimore, Charleston, Monocacy, Omaha and the Palos. The pension granted is for \$30 a. month, with back pension amounting

to \$510. Cassava, the New Crop. The Spanish war seems to have given promise of benefit in a direction entirely unexpected in stimulating the study of tropical products. A plant has been "discovered" that promises to become to the Gulf states what wheat is to the North. For years this plant, which resembles a gigantic beet, has been a staple product of Brazil and other South American countries, and has recently been grown in Jamaica with remarkable results. In Eastern tropical countriesit is known as "manioc," in Brazil it is called "mandioca," in Colombia it

is known as "yucca," and in the West

Indies the name "cassava" or "cas-

sada" prevails. The gigantic roots



SEVEN CASSAVA-BOOTS.

wheat. They give a juice that makes an excellent table preserve. They vield an abundance of starch of a superior quality. They also make a remarkable showing in fattening cattle. If one-half of what is claimed by the United States Department of Agriculture and the Jamaica Agriculture Society be realized, the problem of what

arid lands of the Gulf states is to be solved by "cassava." Had It in Various Assortments.

It was in one of the big department

to do with the vast areas of almost

stores. "What do you wish to-day, madam?" asked the courteous floor-

walker. "Nothing. I--" "Sixteenth floor. Take the eleator. We have nothing there in large and varied assortments. James, ring the bell for the lady."-Harper's

Bazar. Remains of an Old-Timer.

The skeleton of a prehistoric sea monster resembling a shark was unearthed recently at the quarry of J. H. Davis, who lives ten miles south of Bonham, Texas. Its jaws were about four feet in length, and, though buried several feet in solid limestone, were in a good state of preservation, the enamel being plainly visible on the