## EW CUBAN MINES.

VAST IRON AND COPPER DEPOSITS OWNED BY AMERICAN SYNDICATE.

The Iron Discoveries About Nipe Bay-Mining With Steam Shovels-Cuba a Land of Minerals-Something About Mining Concessions-The El Cobre Mines Which Have Produced Sixty Million Dollars Worth of Copper Ore-The Gold Mines of Holguin.

GO DE CUBA.-New iron ave been recently discov-Burmgs have already been ine the extent of the is said that millions was are almost in sight. Minnow testing the ore

the great works on the

AMERICANS OWNED BY

me syndicate of capitalists fuba. It is a combination of anis Sieel company, the Sirel company and others, niners the Juragua mines, and have use in sats in the Spanish-Ameri- mines.

a. They were first opened it it was not until 1883 that tel became interested in at time they have pro mpuny and the Maryland

nes near Dalquiri, which roadstead twelve miles lastle. The deposits are standard guage railroad boside these docks that their first landing durn-American war, mines are Va

in the states in the neigh-0,000,000. These mines are out forty or fifty thou-ore a month: they can 0 tons, and the only limit from Santiago. started by opening three

hy Frank G. Carpenter.) has recently begun the development of another district which will feed into Dalquiri, I am told there is more in sight than the amount so far

> The Cuban Steel Ore company has iron mines in the mountains 40 miles west of Santiago and about six miles back from the seaport of Chirivico. The mines are connected with the sea by a railroad which is said to be one of the best equipped of its kind on the island, and at the Chirivico are two wharves and a steel dock a thousand feet long.

> MINING WITH STEAM SHOVELS. The iron ore of Cuba is both mag-netite and hemetite. It is found chiefly near the tops of the hills in small, ir-regular bodies without definite walls. It is very hard and must be broken loose from the country rock with sled-ges and explosives. It is of such a naused to tear away the earth and un-cover the are. There are hundreds of such shovels now working at Dai-quiri, and the Loia mine there is being

goused out much as we are excavating the Culebra pass at Panama, The most of the Cuban miners are immigratus from northern Spain. The natives work well with the machete, but they seem lost in the presence of picks and snovels. Labor is comparatively cheap, the ordinary wage being \$1 a day for 10 hours. The companies feed the miners if the men desire it, but in this case they are charged 25 cents a day for their food, making their pay 75 cents a day and food. The miners live in villages built for their use in the immediate vicinity of the mines. Barracks are provided for the bachelors and huts for those who have families. Nearly every mining property has its store where meals, provisions

CUBA A LAND OF MINERALS.

years, and the owner may work his mine or not, as he pleases. His tax for all metals except iron is at the rate of \$1000. The latter company began shipping in 1902, Its works are well equipped, having a Coriss engine, large pumps and other powerful machinery. The cossion he will pay only \$2 per hectare. At present the Cuban government has granted over 200 iron concessions. It has granted 145 concessions for mining manganese, 112 for copper, 29 for gold, 10 for lead, 4 for quicksliver, 3 for zinc, six for petroleum, and 78 for asphalt.

These items will give an idea of the minerals which exist in the island, Minerals which exist in the island, Minerals are found in every province, from duced millions in the past, and the are sper annum. If it is an iron concession he will pay only \$2 per hectars.

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Those items will give an idea of the minerals which exist in the island, Minerals are found in every province, from 20 per found in every province, from 20 per found in every province, for duced millions in the past, and the prosper its that they will yield millions in the future. Copper mines of Cuba have produced millions in the future. Copper is found in nearly every province. Cuban minerals are copper. This metal is found in nearly every province. Cuban minerals are copper. This metal is found in nearly every province. Cuban minerals are copper. This metal is found in nearly every province. Cuban minerals are copper. This metal is found in nearly every province. Cuban minerals are copper. This metal is found in nearly every province. Cuban minerals are copper. This metal is found in nearly every province. Cuban minerals are copper. This metal is found in nearly every province. Cuban minerals are copper. This metal is found in nearly every province. Cuban minerals are copper. This metal is found in nearly every province of cuba have been worked in Pinar del Rio to Massanta Clara valuable beds of this ore have been found nearly every province. Cuban minerals are copper. This metal is found in nearly every province. Cuban minerals are copper. The mines found in nearly every province of Cuba have produced millions.

MILLIONS OF DOLLARS IN CUBAN COPPER.

The copper mines of Cuba have produced millions in the past, and the province is found in nearly every province of the will province are now in the future. Copper mines of the will province is Santiago, which was long in the future. Copper mines of the will province is Santiago, which was long the mines of the w est number are for iron, manganese, copper and lead. The total value of the mineral products of Cuba in 1901 was \$3,000.000, of which the most came

THE RESIDENCE THE TWO IS EXCHANGED THE MANAGEMENT OF THE PARTY OF THE



\$<<<<>> MR, COX AND I RODE TO THE MINES IN THE AUTOMOBILE,

Specially photographed for the "News" by Frank G. Carpenter.

the Island. It is easy to get a mining concession, and it costs only a bagatelle to hold it. If one wishes to take out such a right he has only to conform to certain legal technicalities, and thereafter pay a small government tax per year. The government grants concessions for an unlimited number of years, and the owner may work his mins or not as he pisases. His tax for the left of the property of the standard Manganese company of New York.

The latter company began shipping in ard Manganese company of New York.

The latter company began shipping in 1902. Its works are well equipped, having a Corliss engine, large pumps and other powerful machinery. The manganese usually less in limestone and sandstone, associated with jaspar.

The deposits very in size, from a new life form and large large

strong affinity for it. It is not used by itself in the arts, but only in combination with other metals, and is of great value in making steel. The best of the mangainess mines are situated about 18 miles northeast of El Cristo, and the ore is brought into Santiago by railroad for shipment. The ore occurs in pockets, the bulk of it being in washed dirt aithough by picking some good these mines are said to bace proworking was continued up until 1868.
Between the years of 1839 and 1868
these mines are said to have produced about \$60,000,000 worth of copper,
which is in addition to the amount
mined by the Spanish government for

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across the bay from Santiago. We rode over at a steam launch belonging to the company, and, landing at the wharvor, walked by great piles of coke and lines stone to the works. The coke is the ported from the United States and the linestene from interior Cuba. The sing almost straight up from the Water, furnishing all the processes needed for turning the different grades or the land to the refineries.

moves on. The gravel is ugada crushed and washed until the copper is about all out of it. Much of the are is smelled, being mixed with linestons, once, and from exide from Filley's Island, No.

altitude of about Lavo feet

The track was that of the old Spanwar with Spain. At that time American capitalists bought out the titles of the old company. They have since pumped much of the water from the mines and are gradually taking out the mines are altogether more than mines and are gradually taking out the ore. There are altogether more than five miles of underground workings.

The El Cobre mines are 1,250 feet deep, and their lowest tunnels are 300 feet below the level of the sea. So far only 600 feet has been pumped out, the pumps being kept going just enough to keep the water away from the miners. There are already several hundred thousand tons of ore in sight. The syndicate began work last fall and made its first shipment of ore last National and the colors as those of the Grand.

There are already several hundred thousand tons of ore in sight. The syndicate began work last fall and made its first shipment of ore last November. It has already taken out already to the same and a large part of the ore taken out is the color of most a hundred thousand tons, and the part of the ore taken out is the color of | St.

maximum of 52 ounces of gold to the ton. There are other mines in the same vicinity which contain gold-benring guarts, and the streams about are gaid to contain some placer deposits. FRANK G. CARPENTER.

### DON'T USE POOR OIL

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In Suits the present tendency is towards the "Paddock" rage, mannish, long and tight-fitting styles; while the Gorrect Thing in Goats for the Fall Season of 1905 will be the "Empire" and the Fur Lined and Fur Trimmed Garments. Every model will satisfactorily meet the requirements of particular trade, while the values are such that they are bound to meet your price needs.

## First Glimpse of Autumn Hats

ADAM TRUMBO has returned from her Eastern purchasing Trip and will welcome the many friends and admirers of the department over which she presides. Glosely following her home-coming is the

daily arrival of the Latest Greations in the Milliner's Art. Every new idea in Hats is included in the stock purchased for this season's business, including the latest Patent Leather, Taffeta and Felt three-cornered continental Hats that seem to have caught the popular fancy. There is an individuality and attractiveness about the New Fall Styles that will readily appeal to the most exacting tastes of every lady.



ION'S O-OPERATIVE

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### NEW BATTLESHIP.

This is a picture of the Kansas, our latest battleship. One thing remarkable in the history of the ship, she a the only ship in the American navy which was christened without the use of wine. The Kansas was christened Willis Anna Hoch, the young and pretty daughter of Governor E. W. Hoch, of Kansas, The Kansas is equipped flagship. Her twelve-inch guns will be mounted in pairs in two turrets on the midship line. This ship will of the most formidable fighting machines affoat. Of 16,000 tons displacement, she has the following dimen-Langth, 450 feet; breadth, 77 feet; draught, 26% feet. She can quarter 850 men.

## HOW TO REDUCE FLESH.

all ye fat women, and hope Amelia Summerville, laned 248 pounds when she is as the Merry Little Maid, and who is now one rize beauties in The Earl and has been Jelling how she

the fat woman to lose weight the mest heroic measures. Sita bit of good. - bay take off a few pounds, will bring plenty of wrinkles, and exercise alone will do the

hun much-advertised obesity Unless one has then thoroughly d and knows exactly what is a I slacerely recommend that let along

eimply the elemination of fat-

Pat is simply over-nourishment.
When I say exercise I do not mean of wear yourself out by violent extrine. That makes muscle, and muscle a never attractive for a woman.
Walking will do more to aid a woman in getting rid of her surplus fat han any other one thing.
My daily walk has become a necessity. The day is incomplete without it. My meals are simple, but sufficient. For breakfast I have fruit, coffee and dry toast, with a little butter. I seldom s simply over-nourishment.

hearty than some tea and toast or a "For dinner I forego soups, rich sauces, potatoes, creamed vegetables

roast beef or lamb or mutton or chops. ome vegetable which is not fattening, and a salad.

"Green vegetables are splendid things to eat and the drinking of hot ica is helpful in the reduction. Milk, cream, butter and sugar are not to be thought "Neither can a woman indulge in ales, beer or wine and hope to lose flesh. Plenty of sour lemonade is ex-cellent for her to drink, even better

than plain water.

than plain water,

"It think breakfast is the most fattening meal of the day. The woman who persists in eating a heavy breakfast will never reduce her weight.

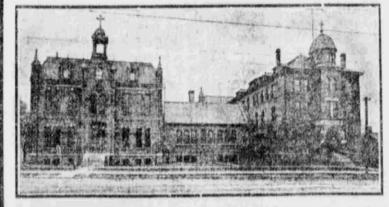
"And no one can lose weight in a day or a week or a month. Patience and persistence are necessary, and it may be a long time before all your heroism begin to show results.

"However, don't get discouraged, and don't stop trying for a minute. In the end you will achieve your ambition."—New York Press.

\$1.00 and bank to stop race suicide. 43 W. 2nd South, Newell,

For breakfast I have fruit, coffee and gry toast, with a little butter. I seldom cat luncheon and never anything more hook stores or 914 So. 2nd West St.

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