

but the times of our more valuable 'discoveries'—discoveries of gold in other forms—have just dawned. Fortunes are easier made today than yes-

the same. The modern fortune-hunt-tomorrow and say, "I will contract to er does not carry a six-shooter at his take all of your sawdust for ten not, owns an automobile. Perhaps he not burn it in their furnaces, as many strikes a "mine" in the midst of a American manufacturers are now do-crowded street, or he hits upon it ing, because they have more wood while listening to a Sunday sermon in trimmings than they can use. church. It was there, while bowed How can this sawdust be used? Easin prayer, that one of the most val- ily enough, and profitably enough, too.

utilization of wastes is not an entirely new idea. It has attracted a great
deal of attention during the past six of national importance. It has been
years, especially, and its "wonders" pointed out a hundred times that the the large manufacturers and proand manufacturers, and would open ance to the soil; but burned as it is, up, as well, new fields for eith in huge stacks, or "winrows," it does er small or large capital. It would more injury than good to the soil. show wholesale dealers how the thousands of bushels of fruit which spoil made to pay the wages of their working forces; how the great dry goods chant could add a good percentage to his profits by "utilizing" in various ways, and it would show where new by-product business could be started and carried on at a profit in every It is pointed out that practically the only "utilization of waste" business with which the mass of people are acquainted, and in which take part, is that of old paper and old

In the employ of the Canadian govperior and the Pacific coast. The history of the States has taught Canada that the conservation of the "surface wealth" of a country is a tremendous-

when I say that a hundred fortunes that it will yield a "wool fat" fifteen could be made today in Canadian saw- per cent as great as the wool on the dust. What Michigan, Wisconsin and sheep. From this fat five valuable Minnesota were in the lumbering products are secured, used as the

world three or four decades ago, immense areas of Canada are today. For hundreds of miles east and west of the Superior shore the sawmill is terday."

Mr. Rockefeller, who has devoted a long life to successfully grasping "golden mines of opportunity," gave is carted away at large expense, is no specific directions as to just where a few mines might be found, but he ers hands. If a man should appear to hit the nail squarely on the head just any one of the lumber manufacturers belt and a diploma for accuracy in its years," the owner would be delighted use notched in the butt of it. He disto give it to him for hauling it away. likes bloodshed, loves good dinners, There are not only thousands, but goes to theatres and, as frequently as millions of tons of it. The mills do

uable keys to wireless telegraphy A method has now been found where-came to its inventor.

A method has now been found where-by sawdust is easily and cheaply Last year the country saved about moulded into briquettes as hard as forty million dollars in the utilization wood itself, and capable of producing of what, up until a few years ago, was a heat as powerful as that of coal.

known as "waste," and of all the By mixing sawdust with glue-water fields which Mr. Rockefeller might and soluble glass, and hydraulically name there is probably none which pressing it, a beautiful artificial wood offers greater opportunities at the is made, which in France is called present time to men of very small as bois durci, and which possesses a well as large capital, than this. The beauty of appearance found only in

have been exploited many times—the newspaper, magazine and popular wonders, for instance, of coal tar by novel reader is responsible for the goproducts, of ink made from the rusty ing of our forests at a rate which hoops of old barrels, of silk ties made will leave us pretty nearly treeless a of the limbs of trees, and of the re-markable utilization of everything because of what we can class as noth-from hoof to tail in our slaughtering less than ignorance, the people of houses. It has been estimated that this country and Canada are coolly a hundred million dollars could be destroying an enormous paper supply saved, or made, each year by utiliza each year. For straw, after a brief proction of wastes instead of forty million, ess, is paper. Last year I personally ess, is paper. Last year I personally that such a department would saw thousands of tons of straw burnwithin a few years be as valuable as ed by farmers on the Canadian prair-the Department of Agriculture, which ies. Twenty million tons were burned has worked a revolution in the farm-ing methods of the nation. This de-The value of those stacks, in paper, partment would be of value not only would be tremendous, and the figure would be doubled by those which are ducers, who are the sole "waste prod- burned in our own western states. uct" utilizers of today, but would open Scattered evenly over the grain fields mines of profit to thousands of mer- the burned straw would not be a total chants, wholesale men, small dealers loss, as it would be of some assist-

In the United States there are hundreds of ways in which money on their hands each season could be made in the utilization of wastesmost of them thus far being in the hands of moneyed men, like millionaire manufacturers, packers, steel producers, and so on. opportunities" have not yet been taken advantage of. Today, for instance, there is scarcely a city of any size in the United States where a man with from two to five thousand dollars at his command could not set up a byproduct factory in waste fruit that would pay him large dividends on his What a large wholesale fruit merchant has carted away from his ernment, the writer spent a part of back door as "waste" would pay the last year in a study of the situation salaries of his employees if turned into vinegar, flavors and "oils," and each of these by-products would be up to the highest standard of the pure food regulations, for decay in fruit is a chemically harmless change.

In another way there are opportument is making great efforts to profit nities for small capital in the sheepment is making great efforts to profit by our mistakes. In spite of these efforts, millions of dollars are being and Canada. Not many years ago thrown away each year in western gold "wash" was a waste; today it Canada—millions of dollars which yields a treasure. It has been found now that when a sheep is washed the ould save.

dirty water which has cleansed the dirty water which has cleansed the strength of the dirty water which has cleansed the strength of the dirty water which has cleansed the strength of the dirty water which has cleansed the dirty water which has clea

fibre lubricants.

In only a very few cities of the

bases for ointments, cosmetics and

world is garbage made of value today. What the "wastes" of the American housewife may be made to yield in cash has recently been demonstrated by Paul Bruet, a German, in London. Bruet says that he started on \$1,200. He began burning garbage in large vertical cylinders, surrounded by steam jackets, and evaporated the seventy-five per cent of water in the garbage. The fatty substances were dissolved, and as a result of the process he produced a fertilizer which is worth fifteen dollars a ton. So successful were his first operations that he started a small company on a capital of \$10,000, and last year this \$10,-000 investment made a profit of \$16,000!

In many places throughout the United States, and especially in the Canadian northwest, there are splendid opportunities for the wide-awake American to make money in the establishment of a new kind of twine-making factories. Farmers are now using a hemp or jute twine for binding their grain, at the enormous cost of from \$120 to \$180 per ton. It is now found that an excellent twine can be made from ordinary marsh grass and from the common "wire grass" which grows abundantly over millions

of acres of western country.

Along the Atlantic, the Pacific and the Gulf of Mexico millions of tons seaweed are cast up by the waves. It is often four and five feet in depth, and in France, where some of it is now being used, it is found that it will gather best where large stones are placed within tide-mark on sandy shores. In this country there is as yet little thought of putting seaweed to use, and yet it is one of the richest and most productive of all "wastes."

One ton will produce eight pounds of iodine, large quantities of chloride of potassium, four to ten gallons of volatile oil, three or four gallons of nap-tha, and 250 to 400 pounds of sulphate of ammonia. Only about 70 per cent of the total mass is actual waste, and the remaining 30 per cent in each ton is worth between \$25 and \$40. highest value is reached when it is turned in gelose, or vegetable isin-

Science, the wizard of the century, touches with his fairy wand the black, viscid coal-tar from the gas retorts, and from the 140 pounds of gas-tar in a ton of coal science today makes aniline dyes numbering over 2,000 dis tinct' shades. Of medicines, antiseptics, hypnotics and fever-allaying prep arations it furnishes quinine, antipyrine, atropine, morphine, exalgine, somnal, salol, chloralamide, hypnol, and a host of others. It furnishes perfumes—heliotropine, clove, queen of the meadows, cinnamon, bitter almonds, vanillin, camphor, wintergreen world bellite and picrite, two powerful explosives. It supplies more than 20 flavoring extracts; is the housekeepers' ally, with benzine and naptha, the insecticides; supplies the farmer with ammonial fertilizers, and has given to the photographer his two developers, hydroquinone and likonogen. It yields paraffin, creosote and pitch; material for artificial paving; saccharin, a substance 300 times sweeter than sugar. It gives us lampblack, material for red inks, lubricating oils, varnish, rosin, almost our entire supply of ammonia, and other things whose names would

Not many years ago, when a "beef" was killed 40 per cent of the animal was waste. Today nothing is lost 'but its dying breath.'

is true, as Mr. Rockefeller says, that today "there is a 'gold mine' net so very far from every hustling, brainy, ambitious young man in the United States"—and many of these "mines" may be found in the utilizing of "wastes."

The Essential Scrap. Judge-Can't you and your husband live happily without fighting? Mrs. Casey-No. yer anner: not hap

IMPRISONED FOR SMUGGLING



To defraud the government of the United States of its customs coming here from the old world has been the darling wish of many women ever since Americans have been able to in-dulge in the luxury of an ocean voy-Miss Multimillionaire, secure in her social position, did not like to be held up on the dock and made to pay large sums for being caught trying to swindle the government. But when she is caught finally she chafes under her treatment, but society stands by her and that encourages others to follow her example.

To remove this prop from the fash ionable woman the authorities have decided to jail those caught in de-frauding Uncle Sam of his dues. This penalty, it is thought, will prevent rep utable women from engaging in the business.

The first to suffer the imprisonment and the odium which attaches to it is Mrs. Roberta G. Hill, divorced wife of

Major Hill of the English army. She pleaded guilty to smuggling in a sable coat and jewelry valued at \$8,000, pleading in extenuation that she was ignorant of the law. Judge Martin in New York fined her \$2,000 and sentenced her to serve three days in a cell in the Tombs. Mrs. Hill became hysterical when imprisonment was added to fine. She is a daughter of Morris Menges, a horseman of Brooklyn. Mrs. Hill is given to the romantic. At sixteen she married Halsey Corwin of Brooklyn, but she soon after divorced him.

Discovery after discovery of those attempting to smuggle valuables into the ports of our country, chiefly at New York, have resulted only in fines, and this has failed to stop the practice. Exposure and consequent disgrac proving ineffectual, the courts finally determined on imprisonment. This seemed the only way to make the rich and influential and society belies come to a realization of this kind of offending-that it was a real crime.

HUNGARIAN STATESMAN HERE



One of the most eminent of Euro pean statesmen, Count Albert Appon yi, member of the Hungarian parlia ent and ex-minister of public wor ship and education of Austria-Hungary is now on a visit to this country in the interest of international peace. He has come to deliver a series of lec-tures on the difficulties of the peace problem in Europe and to urge this country to become the world's leader in the efforts to abolish war. This is not his first visit to the United States. He came here in 1904 to attend the peace conference held at St. Louis. He has been active in the cause of the world's peace for many years and has attended interparliamentary confer ences on the subject at Brussels Christiania, Paris and London

Count Apponyi is a member of a Hungarian aristocracy which traces its descent in an unbroken line back to 1235. He was born in 1846, was ed ucated in schools conducted by the

Jesuits and has been in public life since 1872. He was a conservative when he first entered politics, but is now the leader of the nationalists, or the Kossuth party, in Hungary. Although an aristocrat by birth and heredity, he is noted for his democracy and years ago relinquished the seat which was his by right in the Hungarian house of peers in order to sit in the lower house.

The count is the owner of magnificent estates in Hungary and is wealthy. His wife is related to the royal family of England, her grandmother having been a sister of Queen Victoria's husband, the prince consort.

IMPORTANT COMMITTEE HEAD



One of the figures of the Sixty-second congress will be Representative Oscar W. Underwood of Alabama, selected by the Democratic caucus to head the all-important ways and means committee. Mr. Underwood will be the Democratic floor leader, succeeding in that position Representative Sereno E. Payne of New York, and will give his name to the new tariff bill which the Democrats propose to put through.

Mr. Underwood never held an office or was a candidate for such a position or was a candidate for such a position until 1894. Then he ran for congress, the entire issue being the tariff, and he had a bitter fight. Speaker Crisp came into the district to help him and when the votes were counted he had won by 1,000. Since that time he has never had an opponent for the nom! nation. He has been elected to congress eight times, three times without

a Republican opponent. He has always been a close friend and confidential adviser of Champ Clark and is only forty-eight years old. He was born in Louisville, Ky. His grandfather was a colleague of Henry Clay in the senate Young Underwood attended the University of Virginia, graduating in law in It was there that he began to get his Democratic ideas. He has been married twice, his first wife dying in 1900. In 1904 he remarried.

Mr. Underwood is a prominent member of the Birmingham Country club

and spends all of his spare time in the summer playing golf on the slopes

MOUNTS HIGH IN THE ARMY



Another step in his steadily upward career has been taken by Col. Enoch H. Crowder, whose enviable army rec ord is one to stimulate emulation Gen. George W. Davis, judge advocate general of the army, was retired on account of having reached the age limit, and to the vacancy thus created Colonel Crowder has succeeded in the ordinary course of promotion, as he was the senior colonel in the judge advocate division.

Colonel Crowder is a native of Missouri, where he was born April 11, 1859, the son of John Herbert and Mary (Weller) Crowder. He graduated from the Military academy in 1881, and in 1886 he received the degree of LL. B. from the University of Missouri. Colonel Crowder served in the Philippine islands in 1898-1901. Dur ing the war between Japan and Russia he became conspicuous as an observer of the field maneuvers, being with the Japanese army from April, 1904, until

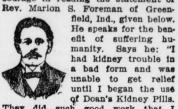
April, 1905. In Cuba, 1906-'07, he acted as financial advisor of the Cuban government, his services being greatly valued. Warrior that he is, however, there is one conquest which the colone never made. No womanly heart has yet capitulated to his superior tax

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McDonough, Ga.

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