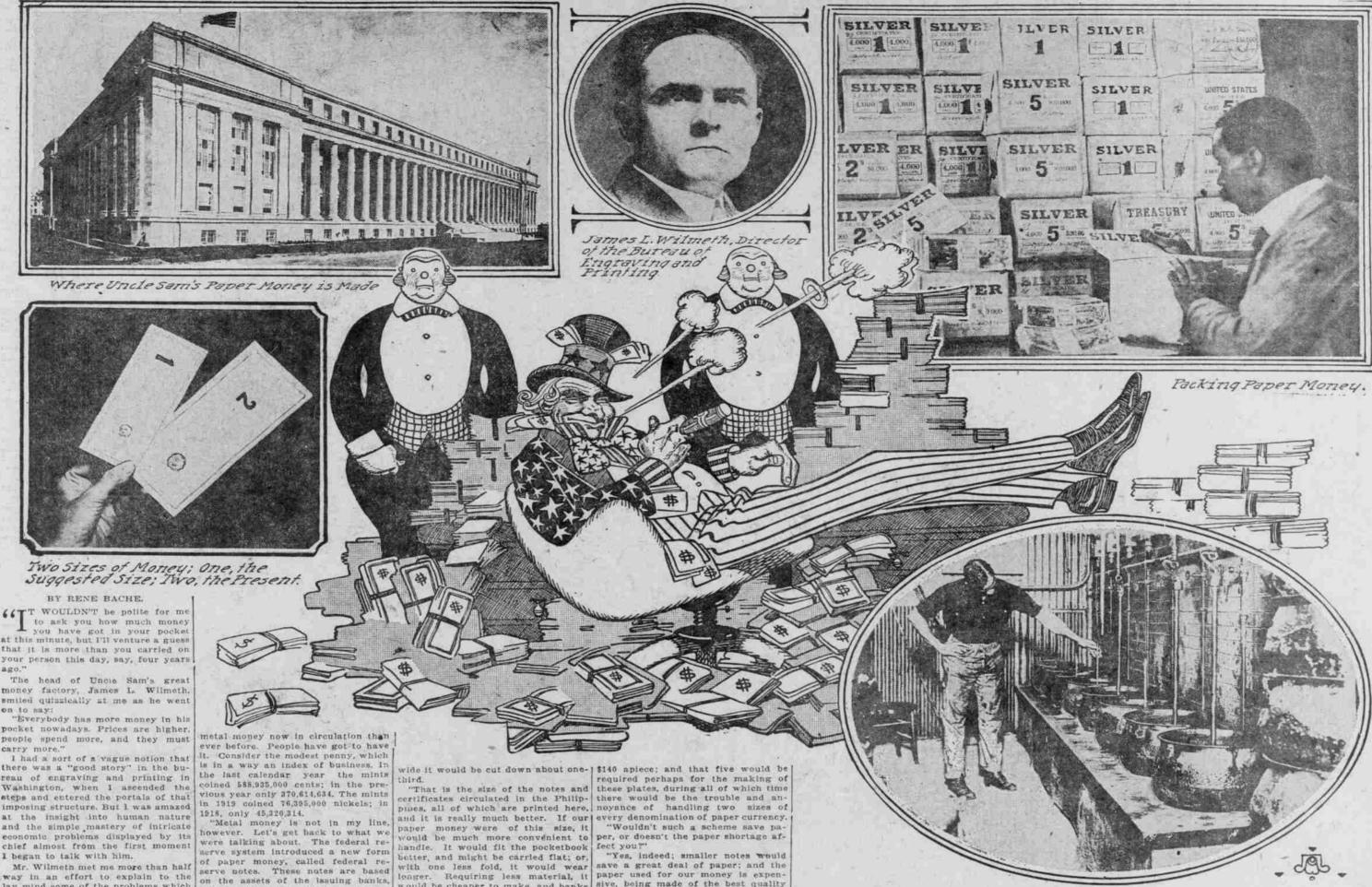
THE MAN WHO MAKES ALL THE MONEY USED IN OUR LAND

He Prints It for Uncle Sam and for You and Me and He Here Describes All the Very Intricate Processes Involved in Keeping Up With the Increasing Demand



lay mind some of the problems which veloping that idea of more money for everybody, he continued:

"Mrs. John Jones, whose home cirimmediate wants of her family.

"With you and me and every one up, it takes more money to transact business. More money is required in is just as useful to you for spending circulation. There is much more purposes. business being done in this country than ever before and the doing of it calls for money. It makes a special backed treasury notes which bore on call for change and that is why we have been printing dollar bills in unprecedented numbers.

as are running around loose at the present time. We have had trouble a gold note has been deposited in a to supply them fast senough to keep bank, it has vanished from view, not up with the demand. One thing we have done has been to split up big paid it out again. notes into little ones. A \$50-bill, let us say, comes into the treasury for redemption. Instead of printing a duplicate of it, we turn out 50 \$1 notes. You get the idea?

"A \$56 bill may obstruct a business transaction. You've been in such a fix yourself. Plenty of small money, on the other hand, facilitates business. Demand for it increases with the volume of business. Then you must remember that people are doing deal of traveling in these days, mainly for business purposes and under such circumstances they require a lot of change. They are obliged to scatter money about small sums. The man who stays at me can draw checks; and his need of change is merely incidental."

"Isn't this multiplication of notes of smail denomination expensive for the government?

"Do you know how much a dollar bill costs? To make it, I mean. quickly responded Mr. Wilmeth. costs Uncle Sam 116 cents; and its lasts less than a year; then it is

have been presented by unprecedented the requirement that the banks shall which include commercial paper, with back their notes with not less than 40 per cent of their face value in gold.

"You can take a bunch of federal reserve notes to the treasury, demand cumstances are very modest, used to their face value in gold, and get it take \$5 with her when she went to offhand. The treasury, however, does banks for the same reason, will not ernment any good; and paper money

their faces an offer of redemption in gold coin 'on demand'? There are hardly any of them in circulation, be "You never saw so many dollar bills caush the government has gobbled them up. For years past, whenever agafa to reappear. The bank has not

"And is this method satisfactory to the people?"

"Up to the time of the war there yellow coins have been boggled up by authority on fish: the banks and replaced with printed promises to pay."

Sam's printshop replied:

one-third over 1918. Of pieces of ity. paper money of all kinds we turned "The sleeper shark (out 730,857,840. The face value of our microcephaius), whose

sider those 730,857,840 pleces of paper is most often observed lying quietly

would be cheaper to make, and banks could store more of it in a given space is their vaults."

"Then why don't you make it

smaller?" "The main reason why we did not carry out this clever idea was that the banks strongly objected. They market. Now she takes \$10, finding not encourage gold payments, because said that the smaller bills would not it no more than enough to supply the it wants to conserve the gold. The fit their cashiers' pigen-holes and drawer compartments. That was a let you have gold. Gold in your pocket trifling matter, however, relatively four notes, and lengthwise through else it is the same way. As prices go does neither the banks nor the gov- speaking. The main disadvantage it run two bands-you may see them was that of being obliged to deal with on the face of any dollar bill-of two sizes of notes. Attention was scattered red and blue silk fibres. was that of being conged to deal was scattered red and blue slik fibres. day of May, 1920, it was two sizes of notes. Attention was scattered red and blue slik fibres. day of May, 1920, it was called to the fact that something like. These fibres have been found to be a very excellent protection against "Of course, allowance must be made "Of course, allowance must be made." "How long is it since you have seen 10,000 new plates would have to be a very excellent protection against one of those cheerful-looking, yellowthe new notes, at the cost of about been imitated with pen and ink, they the United States has more than dou-

of linen rags. All of it is manufactured by a private concern at Pittsfield, Mass., which has had the coning conducted under the watchful treasury department. Every wasted sheet must be carefully accounted for,

money. "Each sheet is of a size to make

Preparing Oil to Mix With Pigments for Printing Money cannot be introduced into paper with- | bled since 1879; but when we come merely by the way, that custom hithout elaborate and expensive machin- to reckon'it out on a per capita basis, erto has been adverse to stamping

now than in former years?" I next pocket, whereas today the average that foreign monarchies have used wanted to know.

There is today in circulation in cash. this country more than five times as much money as there was in 1879. even the babies. But babies have bear the head of Lincoln; and now it Treasury figures show that in that neither pockets nor bank accounts year the amount in circulation Jan- and children rarely possess more than uary 1 was \$516,266,721. On the first a few pennies. So, if you reckon

son, or has somewhere put away

that two in every five persons in this country have no cash in hand worth mentioning, it will be obvious that the average adult carries on his per-

The workingman, getting much higher wages, has more money in his pocket than before the war. If thrifty, he has more in the savings The employer's payroll has grown-more people on it, at bigger If he is a shopkeeper, he has more

noney in his till. high-waged workingmen especially ignorant foreigners afraid of banks, hoard large sums, carrying the money on their persons or hiding

their native countries take a great which cost us less than 15 cents a deal of money with them. The undesirable allens shipped to Russia on board of the famous 'ark' that carried The raw pigments we buy in the Emma Goldman were found to pos- shape of dry powders, which come sess, some hundreds of them, an aver- in barrels, and we have our own maage of more than \$1000 aplece in cash Then, too, you must remember that much United States money is in circulation in Mexico, Cuba, Central America. Porto Rico, Hawaii and the

"Where do you get those beautiful you decorate the paper money?" I

Philippines.

inducted into office, the bureau of engraving and printing will ask for a photograph of himself. He will be requested to pick out the portrait he likes best, in order that it may be used on paper money. But he will never see it so used, because custom forbids the printing of any man's is dead. In former days there was no

we find that the average person 41 the heads of presidents on our coins. "How much more money have we years ago had \$17 in bank or in for no other reason, I imagine, than American citizen possesses \$56 in in this way the likeness of sovereigns. Mr. Roosevelt broke the rule by de-"This includes all the children and creeing that the bronze cent should s proposed that the head of Roosevelt shall adorn a 2-cent piece.

"Paul Revere's ride made him famous, but he deserves celebrity for another reason, inasmuch as he was first to establish the industry of steel engraving in this country. From this beginning was in course of time evolved the American Bank Note company, which printed all of our paper money up to the year 1876, when John Sherman, then secretary of the treasury, started the bureau of engraving."

"And what about the ink you use to print these little sheets that have a bigger circulation than even our favorite newspaper?"

"We have here, in this building, the largest plant in the world for the mandfacture of printing loks Durthan 5,000,000 pounds of such inks, save the government a lot of money. lingeed oil and otherwise preparing

"What becomes of the wornout money? Has Uncle Sam a big ragbag somewhere?

"An incidental task assigned to the bureau of engraving and printing is that of destroying paper money that has been redeemed by the treasury. It is consigned to a cylindrical tank and boiled with a chemical solution until reduced to unrecognizable pulp. During the last year our output of this money pulp was 4,072,250 pounds, which, packed in bales, was sold for paper stock. It fetched \$64,138, yielding a tidy little profit

"You would never guess how much it costs to provide and keep clean

FEROCIOUS SHARKS ARE REPORTED TO BE PROWLING OCEAN LANES AFTER MANY SHIPS

Prodigious and Formidable Monsters Trail Passenger Boats That Ply in Tropical Waters, According to Passengers Who Arrive at Various Ports.

"During the last fiscal year we half a dozen which are pre-eminent, of the scripture narrative, and it is chusetts and Maine, but the species printed here in this building, just a These differ much in their disposi- possible that at that time much has not been common in our waters in few short of 200,000,000 federal re- tion, some being as harmless ab doves larger man-eaters existed than are recent years.
serve notes, an increase of nearly and others the incarnation of feroc- now known, as shark teeth with cut- "The largest of all fishes, serve notes, an increase of nearly and others the incarnation of feror- now known, as shark teeth with cut-

12-month was nearly \$49,000,000,000- to have developed its body at the ex-"It is impossible to grasp the long as an average men. At home in significance of such huge figures, of the Arctic regions, it sometimes

W ASHINGTON, Sept. 18.—As the teeth are three inches long. While only three or four animals extant. "open season" for sharks ap- there are few authentic instances of Provided with small teeth, it feeds on provides. was very little paper money in circuproaches, South American sharks attack human beings (prior fishes and floating crustaceans, and lation on the Pacific coast. People liners arriving in New York report to the recent tragedies), there have is not of a ferceious disposition. It is out there preferred to use gold; they the sighting of these sea monsters, were used to it, and liked it better. a fact which lends interest to the sharks simply swallowed people who bulk and when attacked its powerful But if you go out there now, you will following communication to the Na- had fallen overboard, just as they tall easily demolishes boats. find that paper money has taken the tional Geographic society by Dr. would swallow any other food. How mer years the basking shark was place of gold almost entirely. The Hugh M. Smith, a world-famous easy it would be for a man-eater to hunted for its oil on the coast of Nordevour a person whole may be judged way and Ireland; it was also har-"When giant fishes are mentioned from the finding of an entire 100- pooned on the shore of Massachusetts most people will at once think of the pound sealion in the storage of a in the early part of the last century, "Well, how much of this paper shark, among which, indeed, are 30-foot shark on the California coast, and as many as 12 barrels of oil were money do you make in a year?" I had found the largest fish now existing." A certain man-eater 36 1/2 feet long sometimes obtained from the liver of thought I had a poser, but quick as a writes Dr. Smith. "Of the many has laws 20 inches wide, inside meas- one shark. There are many records fiash this alert foreman of Uncle species of sharks noteworthy on ac-

"The sleeper shark (somniosus found on the sea-bottom, and these and the largest of all existing aniscientific are believed by naturalistts to have mais, with the exception of a few output of all securities during the name fits it so admirably, appears belonged to sharks not long dead, species of whales, is the whale shark costs Uncle Sam 1 cents; and its more than the total of any 15 years' pense of its brain, for it is a sluggish, line years to the known from India, Japan, South stupid glutton, about six times as a shark which was related to the known from India, Japan, South a shark which was related to the known from India, Japan, South a shark which was related to the known from India, Japan, South a shark which was related to the known from India, Japan, South a shark which was related to the known from India, Japan, South a shark which was related to the known from India, Japan, South a shark which was related to the known from India, Japan, South a shark which was related to the known from India, Japan, South a shark which was related to the known from India, Japan, South a shark which was related to the known from India, Japan, South a shark which was related to the known from India, Japan, South a shark which was related to the known from India, Japan, South a shark which was related to the known from India, Japan, South a shark which was related to the known from India, Japan, South a shark which was related to the known from India, Japan, South a shark which was related to the known from India, Japan, South a shark which was related to the known from India, India lina yield very large fossil teeth of scribed from Good Hope, but now

count of their size there are about This may have been the 'great fish' from the cost of New York, Massa-

ting edges five inches long have been largest of all cold-blooded animals The phosphate beds of South Caro- (rhineodon typicus), originally delasts less than a year; then it is worn out and has to be replaced with significance of such huge figures, of another. It passes from hand to hand several times as often as a \$5 note; for which reason the latter has a sider those 730,857,840 pieces of paper. Stupid glutton, about six times as man-eater of the present day; judg-discontant and significance of such huge figures, of the Arctic regions, it sometimes that will help a bit. Constant and the south as a sider those 730,857,840 pieces of paper. Stupid glutton, about six times as man-eater of the present day; judg-discontant and an exceedingly wide man-eater of the present day; judg-discontant and an exceedingly wide man-eater of the present day; judg-discontant and an exceedingly wide mouth and the proposition and the present day; judg-discontant and an exceedingly wide mouth and the present day; judg-discontant and an exceedingly wide mouth and the present day; judg-discontant and an exceedingly wide mouth and the present day; judg-discontant and an exceedingly wide mouth and the present day; judg-discontant and an exceedingly wide mouth and the present day; judg-discontant and an exceedingly wide mouth and the present day; judg-discontant and an exceedingly wide mouth and the present day; judg-discontant and an exceeding the present day; judg-discontant and an exceed for which reason the latter has a five the latter has a five which reason the latter has a much longer life.

"Recently the mint bureau melted "Recently the mint bureau melted the attention of a flat surface, apparently dozing and east all but 10,000,000 standard silver 'cartwheel' in the apactement of the attention of the stempled to prove must have been with the dark-colored body is marked with numerous minute teeth the cark-colored body is marked with numerous minute teeth the cark-colored body is marked with numerous minute teeth the cark-colored body is marked with numerous minute teeth the cark-colored body is marked with numerous minute teeth the cark-colored body is marked with numerous minute teeth the cark-colored body is marked with numerous minute teeth the cark colored body is marked with numerous minute teeth the cark-colored body is marked with numerous minute teeth the cark colored body is marked with numerous minute teeth the cark colored body is marked with numerous minute teeth the cark colored body is marked with numerous minute teeth the cark colored body is marked with numerous minute teeth the cark colored body is marked with numerous minute teeth the cark colored body is marked with numerous minute teeth the cark colored body is marked with numerous minute teeth the cark of source in the civil marked with numerous minute teeth the cark colored body is marked with numerous minute teeth the cark colored body is marked with numerous minute teeth the cark of source in the civil marked with numerous minute teeth the cark of source in the civil marked with numerous minute teeth the cark of source in the civil marked with numerous minute teeth the cark of source in the civil marked with numerous minute teeth the care in the civil marked with numerous minute teeth the care in the civil marked with numerous minute teeth the care in the civil marked with numerous minute teeth the care in the civil marked with numerous minute teeth the care in the car

pictures and handsome portraits of the fathers of our republic with which