

COINS THAT ARE BASE

Metals and Methods Used in Making Counterfeits.

HOW THEY MAY BE DETECTED

Spurious Coins Cannot Stand the Three Tests of Weight, Diameter and Thickness—Gold Pieces That Are Sweated, Plugged or Filled.

The most dangerous counterfeits are struck from a die and are usually imitations of gold coins. Molds of various kinds are extensively used, but counterfeits so made are inferior to those made with a die.

In counterfeits made from a mold lettering, milling and reeding are usually poor and weight defective. The coins lack the sharp and clear cut appearance of genuine coin. Most counterfeit silver coins in circulation are made from molds, as it is an inexpensive form of counterfeiting. Some fair specimens have been produced in this way, but usually they are much lighter than the genuine and if of required weight differ in diameter or thickness.

Various metals are used by counterfeiters, principally platinum, silver, copper, brass, antimony, aluminum, zinc, type metal, lead and their numerous compositions.

Among the most dangerous counterfeits of gold coin are those of a composition of gold, silver and copper. They are a low grade gold, and the acid test shows they lack the fineness of standard gold used by the United States mint, which is 900 fine, or 21.19 carats. These counterfeits average from 400 to 800 fine. Platinum counterfeits are dangerous, as the metal used gives required weight, and they are heavily gold plated. When they have been in circulation for a time the plating wears off, especially on the edges.

The most dangerous counterfeit of silver coin is made of a composition of antimony and lead, the former metal predominating. These counterfeits are of the dollar, have a fine appearance, are heavily silver plated, with fair ring, and some are only slightly below the standard weight.

Some pieces among the smaller coins are made of brass, struck from a die, and when heavily plated are fair imitations. They lack required weight, except in a few instances. Counterfeits of type metal, lead and other compositions are much lighter than genuine. Those having required weight are much too thick.

Genuine coins of all kinds, for the sake of gain, are tampered with in various ways. These operations are confined almost exclusively to gold coins, which are sweated, plugged and filled.

Sweating is removing a portion of the gold from surface of coin. The process does not interfere with the ring, and as the portion removed is generally slight the coin is left with a very fair appearance, weight only being defective. The principal methods of sweating are the acid bath, filling the edges or reeding, the operator finding a profit in the small quantities of gold removed from numerous pieces. The average reduction in value of coins subjected to these processes is from one-twentieth to one-tenth.

Plugging is done by boring holes in the coin, extracting the gold and filling the cavity with a cheaper material. The larger coins—double eagles and eagles (twenty and ten dollar pieces)—are used for this purpose. The small surface of the plugging material, where it shows on the edge of the coin, is covered with gold and the reeding retouched with a file or machine. The average loss in value to coins treated in this way is from one-eighth to one-sixth. Coins of this kind are very dangerous, as they are perfect in appearance, only the edges having been tampered with.

Filling is most commonly done by sawing the coin through from the edge or reeding, removing the interior portion and replacing it with a cheap metal. Coins of all denominations from quarter eagle to double eagle are subjected to this process. When platinum is used to replace gold extracted the coin has same weight as genuine. By this process coins lose four-fifths of their value, as the original surfaces are left only of paper thickness.

When edges have been covered with gold and reeding restored the coin has the appearance of being genuine, having correct size and weight and a fair ring. Sometimes the covering of gold on edges is so thin that filling can be distinctly seen. When other and less costly filling than platinum is used coins are of light weight and have a bad ring. If of correct weight they are too thick.

Another method of filling is sawing the coin partly in two, from edge of reeding, on one side, leaving a thin and thick portion. The thin side of the coin is turned back and the gold extracted from center of thicker portion. The cavity is filled with base metal and sides pressed back into original position and soldered or brazed together. It is difficult to give average loss to coins treated in this manner, as hardly any two seem to have the same amount of gold taken from them.

For detecting counterfeit coin compare impress, size, weight, ring and general appearance with genuine coin of same period and coinage. The three tests of weight, diameter and thickness should be applied, for it is almost impossible for the counterfeiter to comply with these three tests without using genuine metal.—Counterfeit Detector.

EDUCATING WILLIAM.

His Mother-in-law Tells His Wife the Subtle Process.

"He isn't stingy," declared the young woman, rather indignantly. "I'm sure he's as generous as he can be in most things, but"

"Oh, I know," said the elder woman. "Your father used to be a great deal the same way."

"Pal" exclaimed the young woman. "Until he got educated," said the elder woman. "I had to educate him, of course, and you'll have to educate William. Arguing isn't any use."

"I know," said the young woman sadly. "I've tried it."

"And crying isn't any use," said the elder, with some severity.

The young woman blushed and glanced hastily at a mirror that hung on the wall.

"No, your eyes aren't red," said the elderly woman reassuringly, "but you have been crying, and I tell you it won't do, and coaxing won't work one time in a dozen."

"Then how?"

"Use your common sense. There are lots of ways. Take him to shop with you the next time you go. That's one pretty good way of making him realize that a woman can't dress on nothing."

The young woman shook her head. "You don't know William as well as I do," she said. "I'd be worse off than ever, and, besides, he wouldn't go."

"Oh, yes, he would," said the elderly woman confidently. "He will if you manage him properly. You tell some woman friend what exquisite taste he has when he's around and notice how he'll begin to swell up. I never knew the man who didn't believe that he knew more about what was becoming to a woman than she did herself. Then follow that up by asking him to help you select a hat. He'll do it fast enough if you can make him really believe you depend on his judgment."

"But, mother—"

"I suppose you think he'll pick out some five dollar horror or something that doesn't suit you at all."

"I'm afraid he would."

"Well, he wouldn't. You begin by wanting him to go to some dollar and ninety-eight millinery store and watch him rebel. Look in at the window and comment favorably on one or two of the shapes if you can't do anything else, especially if some other people are standing by looking in. He'll insist on your going to some decent place. Don't take him to Elise, though. Go any place where there's a fairly good assortment, but not where they take \$50 hats as a matter of course. All you've got to do is to pick out an intelligent saleswoman and insist on something inexpensive. If she brings you anything over \$8, say: 'Oh, dear, no! I can't afford to pay that price.'"

"I don't see"

"Well, you will. You'll see that he'll insist on seeing something better, and you'll see that he'll be about as helpless as a babe between you and the saleswoman, and he'll see that the only way he can assert himself is to urge you not to consider expense. Don't tell me he won't. I know 'em. You can have any hat you want, and he'll go out of the store under the impression that he selected it. And you don't want to disabuse his mind either. Tell him that you think the hat is perfectly charming and you are afraid he has been extravagant and the one at \$11 would have done just as well. See if he doesn't tell you that it's economy in the long run to get a good thing and that you will get more than \$5 worth of satisfaction out of the difference in the price. But don't ever let him convince you."

"Why not?"

"Because it wouldn't do. But don't fail to tell him how your friends raved about the hat and how surprised they seemed when you told them it was his choice and how they said they would hate to have their husbands pick out a hat for them and how you thought so, too, but didn't say it, and mention casually as the thing goes on to any company you have that you always let William select your hats on account of his exquisite taste, the only drawback being his criminal disregard of price. Same thing applies to gowns or anything else."

"But it would be awful to have to be everlastingly taking him around."

"You won't have to," said the elderly woman. "Don't you worry about that. He'll get tired after the first few times and let you get what you want yourself. But you won't hear any more talk about your extravagance. He'll have got his horizon extended. But don't on any account let him lose his own good opinion of his taste."

"It seems a little deceptive," said the young woman. "but I almost believe I'll try it."—Chicago News.

Suited to His Business.

"Gracious!" exclaimed the kind old lady to the beggar, "are they the best shoes you've got?"

"Why, lady," replied the candid beggar, "could yer imagine better ones for dis bizness? Every one o' dem holes means nickels an' dimes ter me."—Philadelphia Press.

Quinsy, Sprains and Swellings Cured.

"In November, 1901, I caught cold and had the quinsy. My throat was swollen so I could hardly breathe. I applied Chamberlain's Pain Balm and it gave me relief in a short time. In two days I was all right," says Mrs. L. Cousins, Otterburn, Mich. Chamberlain's Pain Balm is a liniment and is especially valuable for sprains and swellings. For sale by Frank Hart and Leading Drug-gists.

EVER WATCHFUL.

A Little Care Will Save Many Astoria Readers Future Trouble.

Watch the kidneys secretions. See that they have the amber hue of health; The discharges not excessive or infrequent;

Contain no "brick-dust like" sediment.

Doan's Kidney Pills will do this for you.

They watch the kidneys and cure them when they're sick.

Mrs. A. M. Hobblough, of 323 Grant street, Portland, Oregon, says:

"My Faith in Doan's Kidney Pills is stronger today than when I gave a statement for publication a few years ago in the city papers. The years that have elapsed since I first used Doan's Kidney Pills with gratifying results only increased my appreciation of them. I have found the remedy to be thoroughly reliable in every way. I had suffered from kidney disorder, backache and severe pains in my loins. My chief source of trouble was with my kidneys, which were very irregular in action. Doan's Kidney Pills promptly relieved me of all my troubles, banished my backache, corrected the action of my kidneys and helped me in every way. I think just as highly of this remedy today, as when I gave a public statement some years ago."

Plenty more proof like this from Astoria people. Call at Charles Rodger's drug store and ask what customers report.

For sale by all dealers. Price 50 cents Foster-Milburn Co., Buffalo, New York, sole agents for the United States.

Remember the name—Doan's and take no other.

Aboriginal "Capias."

In the "History of the Town of Middleboro," Mass., there is a footnote quoted from the "New England Memorial," which gives a curious example of Indian courts and the rules of practice in them.

An Indian court in Barnstable county, presided over by an Indian magistrate, issued the following warrant to an Indian constable:

"I Hihoudi, You Peter Waterman, Jeremy Wicket;

Quick you take him, Fast you hold him, Straight you bring him Before me,

"Hihoudi."

A Breaker.

Mistress—Jane, have you cemented the handle on to the water jug which you dropped yesterday. Jane—I started to, mum, but, most unfortunately, I dropped the cement bottle.—Punch.

Lame.

"The railroad wants to dig a cut right through our suburb." "And do they offer no excuse?" "Oh, they say divided outskirts will be more modish."—Washington Herald.

COFFEE

A middling steak and first-rate coffee are better than middling coffee and first-rate steak. Consider the cost.

Your grocer returns your money if you don't like Schilling's Best; we pay him.

I AM HERE



Dr. D. A. Sanburn, the French specialist, has returned to Astoria and is permanently settled. My remedies are roots, herbs, barks, and berries in the natural form. I also give magnetic treatment to those who require them. I guarantee to cure all those that are curable of both sex. If there is any who can not come, write me your symptoms and I will send you my remedies to any part of the United States. Address Shanahan Building, 578 Commercial street. Consultation free. Astoria, Oregon.

CASTORIA

The Kind You Have Always Bought, and which has been in use for over 30 years, has borne the signature of and has been made under his personal supervision since its infancy. Allow no one to deceive you in this. All Counterfeits, Imitations and "Just-as-good" are but Experiments that trifle with and endanger the health of Infants and Children—Experience against Experiment.

What is CASTORIA

Castoria is a harmless substitute for Castor Oil, Paregoric, Drops and Soothing Syrups. It is Pleasant. It contains neither Opium, Morphine nor other Narcotic substance. Its age is its guarantee. It destroys Worms and allays Feverishness. It cures Diarrhoea and Wind Colic. It relieves Teething Troubles, cures Constipation and Flatulency. It assimilates the Food, regulates the Stomach and Bowels, giving healthy and natural sleep. The Children's Panacea—The Mother's Friend.

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BIG FURNITURE SALE!

Owing to my desire to retire from business I have started a reduction sale in order to dispose of my large and reliable stock as quickly as possible. Ill health has prompted me to dispose of my entire stock at prices that you cannot well afford to overlook. Every piece of furniture represents the highest value and at this time you will be able to save a great deal of money by trading here during this sale.

READ THE FOLLOWING PRICE LIST. OTHER REDUCTIONS IN PROPORTION.

\$ 900	Reclining Go-Carts	.....Sale \$ 6.35
14.50	Reclining Go-Carts	....." 8.85
6.50	Mirror, 18x40	....." 4.95
30.00	6-Hole Range, warranted 10 years	....." 25.50
60.00	6-Hole Majestic Malleable Range	....." 52.00
14.00	Magic National Heaters, cast lined	....." 11.50
1.75	Steel lined heaters, good grade	....." 1.15
3.00	Iron Beds	....." 1.85
4.50	Iron Beds, 5-spindle back angle iron	....." 3.25
13.50	Simmons Iron Bed	....." 8.75
1.65	Best grade inlaid linoleum	....." 1.20
1.25	Granite inlaid linoleum	....." .85
.85	12-ft. wide; best grade linoleum	....." .65
.65	6-ft. wide; good grade linoleum	....." .47 1/2
.50	6-ft. wide; best grade oil cloth	....." .35
.35	Mattings	....." .22 1/2
32.50	Body Brussels rug, 9x12	....." 26.25
25.00	Axminster rug, 9x12	....." 19.75
25.00	Best Grade Velvet rug, 9x12	....." 19.75
16.50	Reversible Brussels rug, 9x12	....." 12.25
11.50	All Steel Folding Beds	....." 7.35
7.50	All Steel Folding Couches	....." 4.85
5.00	Pads for Steel Couch	....." 4.85
20.00	China Closets	....." 13.75
27.00	China Closets	....." 19.50
27.50	Buffets	....." 20.75
24.50	Combination Sideboard and Buffet	....." 16.25

\$ 3.50	All oak, 24-inch top, French leg, center table	.....Sale \$ 1.90
12.50	Table, French leg	....." 8.75
3.50	English Breakfast Table	....." 1.95
18.00	Pedestal 6 ft. Extension Table	....." 13.00
33.00	Pedestal 8 ft. Extension Table	....." 26.00
11.00	Four-drawer golden oak finished dresser	....." 9.25
7.50	Hotel dresser, gold oak finished	....." 5.50
15.00	Dresser, oval mirror, quartered oak finish	....." 11.25
12.00	Glass front cupboard	....." 8.75
7.50	Child's iron bed, any color	....." 5.25
8.50	Couch, valure covering	....." 5.75
20.00	Couch, imitation Spanish leather	....." 15.00
20.00	Bed Couch, imitation Spanish leather	....." 15.00
17.50	Combination desk and bookcase	....." 11.95
20.00	Hair Mattress	....." 13.75
16.00	Hair Mattress	....." 11.00
12.00	Felt Mattress	....." 8.85
40.00	Turkish Rocker, leather	....." 32.75
10.00	Oak Rocker, spring seat	....." 6.35
3.00	Oak Rocker, cobbler seat	....." 2.25
6.50	Music Cabinet	....." 4.95
2.00	All Feather Pillows" 1.35
3.00	Comforts, good grade" 2.00
8.50	All Wool, white blanket" 6.25
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1.50	Weathered Oak Plate Rack" .85

H. H. ZAPF, Complete House Furnisher.