

MONEY THAT WILL TALK

Speaking Banknotes as a Protection Against Counterfeits.

The question of protection against counterfeit banknotes is one which is being discussed in England just at present. A member of the Royal Society recently showed the results of a discovery which he made, and by this means he is able to imitate copper or steel engraved banknotes so perfectly that the president of a large bank was unable to pick the single genuine banknote out of a lot of ten, which included nine of the kind reproduced by the author. This was intended to show the error of the prevailing opinion that banknotes cannot be imitated.

At the same time that this somewhat disconcerting news comes out a new remedy against counterfeit notes is proposed, this being the "speaking" banknote, and should a system of the kind be adopted the note will not only concern the eye, but will assert its genuineness in a loud and intelligible voice should it be placed in a phonograph.

In fact, the note carries a given phrase, which is inscribed on the edge just as on a phonograph cylinder, using a specially prepared paper for this purpose. Any kind of phrase can naturally be used, and its purpose is of little importance, as it is designed simply to have a check upon the quality of the banknote by the use of the voice.

All that is needed is to put the note into a properly designed phonograph, when it will speak for itself, according to the present idea, while a counterfeit note, remaining silent, is certainly an original one, but it would not seem a very hard matter to counterfeit the phonograph record as well as the note itself.—Scientific American.

"NOISELESS" REVOLVERS.

Hiram Maxim Says They Exist Only Upon the Stage.

There are two reasons, says Hiram Maxim, why the firearm silencer is of no value to the criminal who wants a noiseless revolver.

In the first place, it won't "silence" revolvers, and, in the second place, such attempts to use it are extremely dangerous. In the old fashioned revolver the crack between the cartridge chambers and the barrel renders a muzzle silencer useless, and in the automatic pistol the imprisoned gases rush out into the face of the shooter with disastrous results when the breech automatically opens.

Besides, even in rifles the silencer does not eliminate the "crack" of the bullet's passage through the air, except where the muzzle velocity is below 2,100 feet per second. The only rifle with so low a muzzle velocity as this is the .22 caliber, popular for small target shooting. In other rifles the crack of the bullet causes a sharp sound like the cracking of a whip, a sound not heard until the powder explosion is silenced.

Therefore, says Mr. Maxim, when you see a stage burglar with a silencer on his revolver, you know that he is a fool, for he is not only making a noise, but he is also making a noise which is louder than the noise of the revolver itself.

Shakespeare's Gloves.

Among the stage relics left by Dr. Furness, the Shakespearean authority, is a worn pair of Shakespeare's stage gloves with an unusually definite pedigree. They were presented to John Ward when he played Othello at Stratford in 1746 for the benefit of a fund for repairing Shakespeare's monument in the church by William Shakespeare, a poor workman "whose father and our poet were brothers' children." John Ward gave these gloves to David Garrick in 1769, who presented them to his widow, who left them to Mrs. Siddons. She left them to her daughter Cecelia, and Miss Siddons presented them to Fanny Kemble, who gave them to Dr. Furness in 1874.—New York Press.

Testing the Cooks.

The position of instructor in cooking having become vacant in a school for boys in Paris, the directors agreed to engage the cook who could pass the most "practical" examination. Twelve women applied, of whom six were examined on the first day in beefsteak, omelets and apple cakes. Four of the six, according to the report, were "failures." On the next day the remaining candidates prepared soups, roasts, mutton and plum pudding. The jury found that only two of the second group were competent and that of the twelve not one possessed all the necessary requirements.

Kissing in Russia.

In Russia it is a crime for lovers to kiss in public, and recently two young men and two young women were arrested in Odessa for having been guilty of this offense. They had all been dining together in a restaurant and kissed in parting. They were condemned to short terms of imprisonment, and the sentences were confirmed on appeal. The general fine in Russia for kissing in the open street is \$3.75. For kissing in a tramcar the fine may be anything up to \$6.25.

Being a Millionaire.

A young reporter interviewing Charles Schwab recently asked the steel magnate how much money must a man really have to be rated as a millionaire. "Well," replied Mr. Schwab, after a moment's thought, "I should say: In Pittsburgh, \$100,000; in New York, \$2,000,000."—New York World.

PILES CURED IN 6 TO 14 DAYS

Your druggist will refund money if PAZO OINTMENT fails to cure any case of Pile, Blind, Bleeding or Protruding Piles in 6 to 14 days. 50c.

TEMPERED COPPER.

Metal Experts Say It Never Was Made and Never Will Be.

Science and even the ordinary progress in the arts and crafts are each lauded in their way—that is, they tear down and destroy ideals long possessed and generally cherished by man. Just now it is that delightful old claim that the ancients knew how to temper copper to the hardness of steel.

For years this has been a general belief, and many a story and not a few serious articles have been written describing how the men of the period just following the stone age used to mine copper and by a secret process temper it and make wonderful knives and other weapons and tools from it. It was called a "lost art."

But now not only scientists, but skilled craftsmen in metals come forward and declare the ancients never tempered copper, and their reason for making this declaration is that copper does not possess the properties that will enable it to be hardened by any process whatever.

"It is safe to declare," states one expert, writing for a mining publication, "that copper has never been tempered at any time by any one, as it does not possess the necessary properties. Copper can be hardened in a number of ways, the easiest being to temper the finished article into molten antimony or arsenic. The resulting alloy formed on the surface is exceedingly hard and brittle. Recent research in Mexico has shown that the tools there supposed to be made of hard copper were made by smelting mixed ores of copper, nickel and cobalt. The resulting alloy was naturally hard. None of these old tools are of a quality equal to those which can now be made."—New York American.

FORCE OF BIG WAVES.

Fearful Power That is Exerted by an Angry Sea.

The average inland American, who has never seen the ocean has no real idea of the force of its waves. He reads about the storm, of boats being carried away and bulwarks stove but he does not realize the steam hammer blows that may be struck by mere water.

A recent storm on the British coast received the official designation of a storm of "extreme force." A picture taken in Hastings harbor shows the concussion with which the waves struck the sea wall, sending the spray apparently higher than the buildings along the street. Blocks of concrete and iron railing were torn from the new parade extension at Caroline place and tossed back into the roadway as if they had been bits of plank. Timber work that had withstood the stress of years was torn apart and carried away. Basements were flooded and along all the seaward face of the town.

Such a storm when it sweeps over a ship will sometimes carry away almost everything on deck. Deck houses are often smashed, and the lifeboats are often stove in and ruined. Various attempts have been made to devise motors to develop power from the force of the waves. The amount of energy wasted through their lack of success is beyond estimate. If the power of the sea could be used it would drive the machinery of an unlimited number of plants.—Exchange.

Ancient Water Drains.

Surprising discoveries have been made in the effort to excavate the vast baths of Caracalla at Rome that have lain hidden under 200,000 cubic meters of earth. In this latest excavation it has been found that underneath the baths proper was a subterranean city, consisting of over 4,000 yards of vast galleries used by the slaves and attendants and for the various hydraulic heating and ventilating systems. The drainage is described as splendid, and but for the rise in the level of the river Tiber, which makes it impossible sufficiently to slope the pipes, these same drains could still be used.

Dark Holes in the Sky.

Absolutely dark spaces among the stars have puzzled astronomers since the time of Herschel. In Milky way photographs Dr. Kopff has noticed an almost complete absence of faint stars immediately around certain nebulae, with an abundance of such stars within the nebulae and far outside. A late suggestion by Rev. T. E. Espin is that the margins of such nebulae may be too diffuse to become illuminated and yet dense enough to absorb light. If such an assumption be made no finds that it explains not only the dark holes and lanes within the bright nebulae.

"Forty and a Bittok."

The novelist Barrie has given a new phrase, a Scottish phrase, which may be adopted into the English language. It is to take the place of the awkwardly polite terms of "a woman of uncertain age," or "on the wrong side of forty," or "of years of discretion." His phrase is "forty and a bittok." A "bittok" is Scotch for a bit more or a short distance. It may mean five years or twenty years.

Every Dose an Experiment.

For the confusion of those who think medicine an exact science the following statement of Dr. James Frederick Goodhart, a great London doctor, is worth spreading on the record: "I suppose that there has never been a dose of medicine administered that was not in some measure an experiment."

To Have the Children Sound and Healthy is the first care of a mother.

They cannot be healthy if troubled with worms. Use Mother Graves' Worm Exterminator.

HIGHER EDUCATION.

She's an algebraic wonder; all her leisure time she spends solving problems in equations that are as hard as her fingers' ends.

In the higher mathematics she has gained a college fame. (Where her geometric genius added lustre to her name. She is up on trigonometry, and figures are her forte. For she even knows the age of Ann, according to report. But when playing off a rubber it's a pipe she'll never miss. Gurgling sweetly to her partner some inspired phrase like this:

"Yes, indeed! I just date on bridge. It's such a lovely, scientific game! Let's see—what's trumps?"

She has read the leading authors, and her diction is most choice. She can rattle reams from Browning in a cultivated voice.

Never platitude she utters; she's original and bright. And she scores to use expressions that are as common as the air.

But it's safe to bet some evening she'll be taking at the moon. With a clasp that humming marches that are popular in June.

And he'll ask a single question as she slips her hand in his. And she'll whisper in his waistcoat some unique reply like this:

"Oh, John, this is so sudden!"

She is versed in many languages, from Dutch to Corsican. She can read the ocean poets in the tongue of quaint Japan.

She excels in French and Spanish, and it even has been said. She knows all the rules of grammar in a language that is dead.

But the next time she comes when she'll prattle quite offhand. In a tongue so weird and complex that no man can understand.

She'll be talking to a bundle 'twixt a rupture surgery and kiss. And her line of conversation will most likely run like this:

"Doodness! my titty-bits hurt! Did I do anything to hurt my titty? Zere, zere, don't do cwy, muvver's titty-bits hurt! My titty-bits hurt!"

—Ella Bentley Arthur in Judge.

Common Complaint.



Patient—Doctor, have you ever treated a patient for loss of memory? The Doctor—Oh, yes! I employ a bill collector quite often.—Chicago News.

His Private Opinion.

Spiffin and Miffin were friends. They were strolling along one sunny Sunday afternoon in the rear of their respective wives, when Spiffin, who was always something of a worrier, broke the contented silence.

"Look here, old man," said he, "I know you say the most awfully nice things about me to my face, and I've no reason to believe you do anything else behind my back. But it bugs a chap up to be criticised by his friends every now and then, you know."

"You want me to criticise you?" asked Miffin, mildly sniffing the clear and frosty air.

"I do," answered Spiffin, throwing out his chest and striking it impressively. "It would do me all the good in the world."

Miffin looked sideways at his friend and then burst out:

"Look here, Spiffin, you're six feet two; I'm five feet four. You can't seriously mean you want my private opinion of you. It can't be done, old chap; can't be done."—Answers.

Didn't Squal.

Here is a bit of cross examination dug up by a jovial lawyer from his fond reminiscences:

Q. Now, what were the exact words used by the prisoner when he spoke to you?

A. He said he stole the watch.

Q. No, no! He wouldn't have used the third person.

A. But there was no third person; only the two of us.

Q. Then he must have said, "I stole the watch."

A. Maybe you did, but he didn't squal on you.—New York Globe.

None Safe.

"You admit, then," inquired the magistrate severely, "that you stole the pig?"

"I suppose I must," said the prisoner. "Very well," returned the magistrate, with decision. "There has been a lot of pig stealing going on around here lately, and I am going to make an example of you or none of us will be safe."—Tit-Bits.

Same Effect.

"I wish I belonged to a golf club." "Oh, it isn't necessary!" "Why so?"

"Just walk ten miles or so over hills and ditches and through bushes and every twenty or thirty yards give the pavement or a tree stump a hard whack with your stick and mutter something between your teeth."—Fun Magazine.

Why He Stayed.

Traveling Lecturer For Society to the remaining listeners—I should like to thank you, sir, for so attentively hearing me to the end of a rather long speech.

Local Member of Society—Not at all, sir. I'm the second speaker.—Punch.

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ARE GROWING IN FAVOR EVERY DAY

Dodd's Kidney Pills Proving Their Value as a Family Medicine

Quebec Man Tells How They Helped Him and Cured His Nephew of Kidney Disease.

South Ham., Wolfe Co., Que., Feb. 24 (Special)—There is fresh proof every day that as a family medicine Dodd's Kidney Pills are growing in favor with the people of Quebec. Just to quote an example, Amable Pinard of this place says, in an interview:

Dodd's Kidney Pills helped my rheumatism, backache, gravel, and heart disease, from which I suffered for twenty years.

"They have not yet cured me completely, but they did completely cure my nephew who suffered from kidney disease."

Dodd's Kidney Pills always cure kidney disease. They will complete Amable Pinard's cure, because all the diseases mentioned are the results of kidney disease. They cured the young man's kidney disease quickly, because it was taken in its early stages. Amable Pinard's troubles are of twenty years' standing, and take a longer treatment.

The moral is that if you cure your kidney disease early with Dodd's Kidney Pills, you will never be troubled with rheumatism, gravel, and other diseases that are caused by sick kidneys failing to do their work.

News of a horrible Darwin tragedy

was on Saturday conveyed to the Blackburn coroner.

William Smalley, fireman, whose speech had been recently affected by a stroke, was said to have placed an open tube charged with gunpowder in his mouth and ignited it.

In the explosion his mouth was frightfully torn, his clothing was ripped and burnt to shreds, and the upper portion of his body was badly scarred. He must have suffered an agonizing death.

When Constable Evans entered the house the body was then cold. A final message read: "Good-bye to Arthur and Cissie"—his two children.

The man's wife left him a week before.

BACKACHE A WARNING

ALL SHOULD HEED

It is One of the First Signs of Kidney Trouble, if Neglected, Serious Diseases Follow.

No one can be well and healthy unless the kidneys work properly and keep the blood pure. When they become clogged up and inactive, nature has a way of warning you.

Backache is one of the first symptoms. You may also be troubled with disagreeable, annoying bladder disorders; have attacks of lumbago or rheumatism; become nervous, tired, and feel all worn out; puffy swellings show under the eyes or in the feet and ankles; and many other things. If these signs are neglected, dropsy, diabetes, or Bright's disease, which so often proves fatal, may result.

It is not only dangerous, but needless for you to suffer and endure the tortures of these troubles, for the new discovery, Croxone, quickly and surely ends all such misery.

There is no more effective remedy known for the prompt cure of all such troubles than this new, scientific preparation, because it removes the cause. It soaks right into the kidneys, through the walls and linings; cleans out the clogged up pores; neutralizes and dissolves the poisonous uric acid and waste matter that lodge in the joints and muscles and cause those terrible rheumatic pains, and makes the kidneys filter and sift the poison out of the blood and drive it from the system.

You will find Croxone different from all other remedies. There is nothing else on earth like it. It is so prepared that it is practically impossible to take it into the human system without results.

You can secure an original package of Croxone at trifling cost from any first-class drug store. All druggists are authorized to personally return the purchase price if Croxone should fail in a single case. Three doses a day for a few days is often all that is ever needed to cure the worst backache, relieve rheumatic pains, or overcome urinary disorders.

Visit every carpet department in the city and you will find that Ogilvie & Leche's special sale will save 20 to 40 per cent. on any rug.

REMOVAL NOTICE.

W. J. ADAMS, contractor and builder, has removed from his former premises, No. 25 Queen street, opposite the Police Station, to 88 Dundas Street, Terrace Hill.

Telephone your orders to 780 and they will be carefully looked after.

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Railway Time Tables

GRAND TRUNK RAILWAY

MAIN LINE—GOING EAST. 1:40 a.m.—New York Express, daily for Hamilton, Niagara Falls, New York. 5:10 a.m.—Lehigh Express, daily for Hamilton, St. Catharines, Niagara Falls, Kingston, Montreal, Fort Erie, Quebec, Boston.

MAIN LINE—GOING WEST

2:27 a.m.—Chicago Express, daily for Woodstock, Sarnia, Port Huron, Detroit and points in Western States, St. Paul, Winnipeg, etc. 4:40 a.m.—Express, daily except Sunday for Woodstock, London, Stratford, Watford, Petrolia, Sarnia, Port Huron, Greenock, Chatham, Windsor, Detroit and intermediate stations.

GALT, GUELPH AND NORTH DIVISION

6:08 a.m.—Daily except Sunday for Harrisburg and St. George. 8:50 a.m.—Daily except Sunday for Harrisburg, Galt, Guelph, Palmar, 1913. 10:40 a.m.—Daily except Sunday for Harrisburg, Galt, Guelph, Palmar, 1913. 11:15 a.m.—Daily except Sunday for Harrisburg, Galt, Preston, Hepler and Guelph.

DEPARTURES WEST

9:40 a.m.—Except Sunday for Scotland, Watford, St. Thomas, Detroit, Chicago and the west. Except Sunday for Watford and intermediate points.

11:30 p.m.—Except Sunday for Watford and intermediate points. St. Thomas, Detroit, Chicago, Toledo, Bay City, Cincinnati.

12:20 p.m.—Except Sunday for Watford, St. Thomas and intermediate points. 9:15 p.m.—Daily for Watford, St. Thomas, Windsor and Detroit.

GRAND VALLEY RAILWAY

Cars leave for Paris at 7:05 a.m. and every hour thereafter till 10:05 p.m. On Sunday the first car leaves at 8 a.m. and then every hour. Cars leave for Galt at 7:00 a.m., 8:05 a.m., 11:05 a.m., 1:05 p.m., 3:05 p.m., 5:05 p.m., 7:05 p.m., and 8:05 p.m. Sunday included.

DEPARTURES EAST

7:40 a.m.—Daily for Hamilton and intermediate stations, Toronto, Bala, Parry Sound and Muskoka points, Welland, Niagara Falls and Buffalo.

9:00 a.m.—Except Sunday for Hamilton, Toronto, Welland, Consents at Buffalo, with Empire State Express, except Sunday, for Rochester, Syracuse, Albany and New York.

11:30 a.m.—Except Sunday for Hamilton, Toronto and North Bay, Buffalo, Welland, Toronto, Welland, Consents at Buffalo, with Empire State Express, except Sunday, for Rochester, Syracuse, Albany and New York.

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