

## SMOKE CANDLE VAPOR DEADLY

Fearful Weapon Said to Have Been Brought to Perfection by the War Department.

One of the many ingenious contrivances developed during the recent war was the "smoke candle." Such candles were little cylindrical boxes containing smoke-producing chemicals, which could be ignited at a moment's notice by a sort of friction device. They were used to conceal the movements of small groups of men. When touched off they were simply placed on the ground, to make a smoke screen.

The Americans thought it would be a good idea to use smoke candles that would give off a poisonous smoke. These improved candles did not come into use during the war, but since then the chemists of our War department have perfected them. The poison stuff used is a coal-tar product which, a solid at ordinary temperatures, vaporizes in the heat of the burning candle. The vapor will penetrate most gas masks. The military authorities think that such poison smokes will find very extensive use in future warfare.

The smoke of a smoke-candle is usually white. To be effective for concealment, it must, of course, be as opaque as possible; and it must also be heavy, so as to be not easily blown away by a light breeze. Candles that produce a smoke of zinc chloride meet these requirements admirably, but the addition of "diphosphorarsine" makes them poisonous as well.

## SCORED ON COUNTRY COUSIN

City Lad Had Endured Much but Opportunity Came and He Surely Improved It.

The country visitor had been regaling his young Glendale cousin with tales of the farm. Some of his stories seemed a little far-fetched to the city lad, who at last became somewhat wearied with the rural youth's boasts of the superiority of things "on the farm."

They were walking along the street when two young men sporting the small skull caps of U. of S. C. were seen approaching.

The country boy was a little mystified. "What's this?" he questioned, "a new city style, these little caps?"

The Glendale lad saw his chance to get square. "Oh, those," he said with assumed carelessness, "no, you see these fellows are students at the university. All the boys who enter have to wear those caps because under the system of education they receive their brains develop so rapidly that their heads grow in circumference, and if they wore ordinary hats, new ones would be necessary almost every month."—Los Angeles Times.

### Paths in the Snow.

"Even the beaten paths in the snow possess a joy all of their own which, to our mind, exceeds that of the so-called enchantment of the open road, which had been sung by many writers long before Stevenson wrote of it with such compelling charm," writes Dan Beard in Boys' Life. "To a barefooted boy swinging on the front gate of the white picket fence, the road is both a challenge and an invitation as he gazes wistfully down the dusty reaches and long perspectives where the fences on each side seem to converge until they meet in the unexplored distance or where the road climbs up the hills and dips into the swales to lose itself at last in the mysterious shade of overhanging branches of the wood or grove. That vagabond joy in the open road, that yearning to fare forth and solve the mystery of what lies beyond, comes with almost irresistible force to all of us."

### Cave Warmed by Volcano.

A naturally heated cave has been discovered at Horse Butte, near Bend, Ore., which apparently draws its warmth from a subterranean volcanic source. The discovery was made by C. A. Yarnell and H. D. Elde, Bend fuel dealers. The cave is located near the top of the Butte and first attracted attention when a wave of heat was felt issuing from the mouth. The slender bottom and rock walls of the tunnel are unbearably hot to the touch, the heating increasing as far back as could be explored. That the phenomenon is a recent manifestation was indicated by the smoldering of grass and twigs near the opening. To test the natural oven, Yarnell cooked a light breakfast by introducing raw articles of food into the aperture and closing the orifice for a few moments.

### Keeping Down Mine Dust.

The presence of dust in mines is disagreeable from many standpoints, besides being a positive menace from its explosive qualities. Efforts are being made more than ever to keep the mine dust down, and it has been discovered in the case of one mine in Kentucky that excellent results were obtained by sprinkling the empty coal cars. The operation is performed automatically as the cars are moved along after being dumped, and the difference in the atmosphere of the mine was apparent to all.

### Age of Petroleum.

The age of petroleum is here. From an humble beginning in 1859 it has now reached a point where it is consumed in ever increasing quantities until the problem of its production has become one of the most absorbing of international questions—to that country which controls the output betrays the power of the world.

## Vegetable Chowder Makes Good Supper Dish

Vegetable chowder is a substantial dish and therefore makes a good main dish at luncheon or supper. The following recipe for making a chowder of vegetables is suggested by the United States Department of Agriculture:

### VEGETABLE CHOWDER.

4 potatoes, 4 carrots, 2 onions, 1 pint canned tomatoes, 2 tablespoons fat, or a piece of salt pork, 3 level tablespoons flour, 2 cups of skim milk, 2 tablespoons salt.

Cut potatoes and carrots in small pieces, add enough of cold water to cover, and cook for 20 minutes. Do not drain off the water. Brown the chopped onion in the fat for five minutes. Add this and the tomatoes to the vegetables. Heat to boiling, add two cups of skim milk, and thicken with flour. Celery tops or green peppers give good flavor, too.

## When Strawberries Are Ripe

Strawberry sauce, which can be served with boiled rice or cottage pudding, is a good way to use the first few berries that appear in the garden or in the market, say food specialists in the United States Department of Agriculture. It is a good way, too, to use the wild berries that are sometimes brought home from a tramp through the meadow.

### STRAWBERRY SAUCE.

1/2 cup butter, 1 cup powdered sugar, 1/4 to 3/4 cup strawberries.

Rub together the butter and the sugar, then add the strawberries, a few at a time, beating until the fruit is mashed. If you object to the curdling of the sauce, which affects the appearance only, rub the white of one egg thoroughly into the butter and sugar before adding the berries. This protects the fat from the action of the acid of the berries.

## Baked Vegetable Omelets Good To Serve In Spring

A baked vegetable omelet or soufflé is a good way to combine eggs and vegetables. If made with green shelled peas, beans, soy beans, or cowpeas, it may be served in place of meat. The following general recipe for making these appetizing spring dishes is given by food specialists in the United States Department of Agriculture.

A thick sauce made with 1/4 cup fat 1/4 cup flour, and 1 cup liquid which may be milk (whole or skim), cream, meat stock, or the water in which vegetables have been cooked.

One cup thick vegetable pulp made by draining cooked vegetables and then mashing them or putting them through a sieve.

Three eggs, the whites and yolks beaten separately.

Flavoring: Salt, pepper, onion juice, and any one of the following may be used: Very finely chopped parsley, chives, or ham, or 1/2 teaspoon curry powder. Bacon used in making the sauce gives a good flavor.

Mix the vegetable pulp, seasoning, sauce, and well-beaten egg yolks. Carefully fold in the well-beaten whites of the eggs, put into a buttered baking dish, and bake in a slow oven until firm.

The amount of vegetables in this dish may be increased by serving vegetables around the soufflé.

### Periodic Bilious Attacks.

Persons subject to bilious attacks at regular intervals know about when to expect an attack. They find that they have no desire for food when an attack is due but usually eat because it is meal time. Skip one meal and take three of Chamberlain's Tablets and you may be able to avoid the attacks. Persons subject to periodic bilious attacks should not drink tea or coffee at any time.

The superstitious belief that to find a four leaf clover means good luck, grew out of the fact, no doubt, that one is lucky to find one.

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## ACT QUICKLY

Do the right thing at the right time. Act quickly in time of danger. In time of kidney danger, Doan's Kidney Pills are more effective.

Plenty of evidence of their worth in this vicinity.

Xavier Naeger, farmer, S. W. 6 miles of Zell, Mo., says: "About three years ago I was bothered with my back. It was weak and tired. There seemed to be a dull hurting over my kidneys that was pressing down on them. My kidneys didn't act as they should, the secretions passed too often and were dark in color. I saw in the paper how some one I knew had used Doan's Kidney Pills with good success so I tried them. I used two boxes and I haven't been troubled since."

Price 60c, at all dealers. Don't simply ask for a kidney remedy—get Doan's Kidney Pills—the same that Mr. Naeger had. Foster-Milburn Co., Mfrs., Buffalo, N. Y. adv

## How To Sleep

What happens to your body when you sleep? First, your breathing slows down and your heart drops six or eight beats a minute. Then cellular repairs begin. The muscles, nerves and tissues get new life, your whole body breathes more freely.

When you waken you should feel refreshed. If you don't, perhaps you have slept too long; or slept in a room not properly ventilated. Eating heavily before retiring will make you wake up tired.

When you go to sleep stretch out. If you draw your knees up under your chin your body will not relax properly. Small pillows and light bedding are also recommended.

If you follow all these rules and sleep eight hours every night you will wake up full of pep each morning.—Popular Science Monthly.

### About Digestion

It is claimed that only half as much food is required when it is thoroughly masticated. Digestion begins in the mouth and a thorough mastication of the food is of the greatest importance. When needed take Chamberlain's Tablets to strengthen the digestion and insure a regular movement of the bowels.

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## PROVING IT

By JULIA A. ROBINSON.

(© by McClure Newspaper Syndicate.)

Jack was not a timid man; there was nothing cowardly about him. Indeed, he was considered brave by his associates, though they sometimes thought he liked to boast of his courage.

"Nothing can scare Jack," they were in the habit of saying.

With squared shoulders and head erect Jack would accept the compliment. No, he was not afraid of anything.

"They say there are ghosts in the woods back of the camp," Peter Banks said to him one day.

"Ghosts? There's no such thing as ghosts!" retorted Jack.

"Just you try going up to a ghost and feeling of it!" challenged the other.

"Give me a chance and I'll do it," invited Jack.

"I dare you to go into those woods tonight at midnight!" cried Peter.

"I accept your challenge," calmly replied Jack. "I only ask that you go with me to prove that I am not afraid."

"Me? Not on your life!"

About midnight Jack could stand it no longer. He left the camp and started out toward the wood. He passed the morgue without a thought. He had often passed it at night. He walked along boldly, head erect, and wished the fellows could see him now and note how brave he was.

He wandered far into the wood, a little farther than he had intended to go. It was quite dark. Even the stars were obscured from sight. All was still.

Suddenly, without a word, a white figure appeared, not many yards away, how near, Jack never could tell. He could not make out the form—indeed, he did not try. It seemed a swaying mass in white. Then another arose out of the darkness and they appeared to float toward him.

For about three seconds Jack stood still. Every nerve quivered. He could not think. All sense seemed to have left him and all power of thought.

Then, forgetting bravery, with not a thought of courage, Jack turned and ran frantically back to the road, not once looking behind. It seemed to him that a host of demons was pursuing him.

"Hello! What's up?" called a voice in his ear, and a mocking laugh sounded.

Jack pulled up quick and stared. He quivered, but his senses were coming back to him. There stood Peter in the middle of the road, a grin on his face.

"Saw 'em, did you?" he asked. "Did you feel 'em?"

Jack was trembling, not at all on his dignity. "If you believe in ghosts, now?" sneered Peter. "Didn't run—oh, no! Where's all your boasted bravery now? Feel of 'em, did you?"

"Don't joke," groaned Jack. "Did you see 'em? Where were you?"

"See 'em? No. Didn't I tell you I wouldn't go into those woods at night? I ain't making no boast of bravery. I kept a safe distance. I stood right here to see you run. It was good fun, I tell you, to see the scare in your eyes."

"But—really—" began Jack, "say, it did look like ghosts. I never saw anything so much like 'em. Do you believe in them, truly?"

"Sure I do, and I know you would come to it, if only you had the test and could once see 'em."

Jack was panting, trying to regain calmness, not willing to give in.

They heard voices and listened.

"There's nothing like being in the woods at this time of night. It is most wonderful. It takes my mind from those dreadful hospital scenes that we have to endure. It gives me nerve and courage to go back to my work."

"Yes," replied another voice. "These nightly walks in the free woods give me courage and strength. There's nothing like contact with nature to make one brave to meet the hard duties of life."

Two night nurses passed them and entered the front door of the hospital, just across the way. They were dressed in white, flowing garments.

The two men standing there looked into each other's faces and laughed. "Give up?" asked Jack. "Do you say there are ghosts now?"

"Yes, I give up," answered Peter. "Say, was this a put-up job, Pete? Did you know about those nurses and their nightly walks?"

"I don't know, not I, not a word!" affirmed Peter. "I honestly thought there were ghosts, and I thought you'd find it out. That's why I came out here to see you scared, but I wouldn't have gone into those woods on your life. Do you give up and confess you were afraid for once?"

"Yes, I give in to the accusation," nobly acknowledged Jack. "I confess my knees did shake and I didn't know what I was about. Guess I won't boast any more. But I've learned one thing. There's more than one way to be brave, and more than one reason for being brave, too. I've bragged of bravery simply for effect, though I don't believe I ever felt fear before. Now those nurses are learning to be brave for the good they can do in the world, and the help they can give to others. That's the kind of bravery that counts, and that's the kind for me from now on."

## HINT FOR OWNERS OF PETS

Mystery of How Spitz Was Kept White Is Solved—Secret Learned From Washwoman.

Another secret process was unwittingly betrayed at a street discussion between two women recently. The women, elaborately dressed and seemingly of the "sheltered life" type stood, pets in leash, as they gossiped. The one with the Japanese spaniel spoke first:

"I have an awful time with Togo; he is such a little aristocrat," and she jerked at the chain as her substitute for a child showed a desire to greet a passing mongrel. "He detests castle soap and I always use facial for his bath, but he just adores lilac-scented talcum powder afterward and I have a spray with lilac water that he both of us use. How's little Snowball now?" (referring to the other woman's Spitz). "We heard he was ill. You must have been worried sick. I often wonder how you keep him so white."

The other woman's turn, as pampered pets milled about: "It was terrible; Snowy had colic; ate too much quab—we have to get them especially for him, the little darling—but we got the best doctor we could find and he was all right in two days. Oh, yes, how do I keep him so white? Bluing. Always after his bath I put him through bluing; learned it from watching a washwoman once. She put her fine white clothes into bluing and it works just as well with Snowy."—Portland Oregonian.

## DISPUTE ACCURACY OF CLOCK

Heirs of Danish Nobleman Stand to Win or Lose Large Amount of Money by Decision.

What time was it when the castle clock struck twelve?

Ten thousand pounds, normally about \$50,000, hangs on the answer to this question, explains the London Express correspondent in Denmark, which has been the subject of lively argument in the eastern civil court, Copenhagen.

The clock in question is in the tower of Lystrup castle, the seat of one of Denmark's greatest landlords, the late Count Moltke, a life member of the ancient house of lords.

Count Moltke died on the night of December 19-20, 1918, a few seconds after the castle clock struck twelve. The Danish parliament recently approved a new and increased scale of death duties, applicable to the estate of all persons who died after midnight on December 19-20.

It is contended by the count's heirs that the castle clock was fast and struck a minute too soon. The count, they say, died on December 19, and therefore his estate is exempt from the increase in the death duties.

### Weavers.

A typical Scots crafter weaving with the old-fashioned hand weaving loom side by side with the very latest power-loom, giving an idea of the great gain in output and quality achieved in mechanical invention will be an interesting item at the efficiency exhibition in London, where the use of invention and effort will be shown to be of greater value than mere personal application. Not only will the productions be seen to be more quickly executed, but the worker will find the process less mechanical, strange as this may appear. What will doubtless strike all visitors is the enormous increase in efficiency in the weaving industry brought about by labor-saving machinery. It seems strange, too, that more workers are required to keep up with the efficient power-loom.—Christian Science Monitor.

### Electrified Tourmaline.

The crystal, tourmaline, has very remarkable optical properties, a fact known to most people. However, few people have heard of its peculiar electrical properties. Tourmaline is capable of attracting small bits of paper and straw in much the same way as amber. This attraction is, of course, due to an electrostatic charge.

When the crystal is exposed to sunlight of a low temperature, it loses its electrical charge, but regains it upon being heated again. If it has a negative charge at first, it will have a positive charge when it is reheated.

Several other precious stones exhibit various phenomena along this line, but tourmaline is the most interesting and spectacular of all.—Popular Science Monthly.

### New Silverplating Process.

More than 100 per cent increase in the output of electroplating vats is gained by the recent discovery of an English metallurgist. The method of applying the new process, as used at Sheffield in silverplating, is merely to add potassium carbonate to the plating bath, instead of neutralizing that already present by introducing barium cyanide, as is ordinarily the practice. The silver deposit obtained the new way is declared to equal, if not surpass, in quality any accomplished by the old method.—Popular Mechanics Magazine.

### No Conception of Money.

Myrtle—Isn't it too bad! She has absolutely no conception of what money is for.

Jane—Yes; they say she even has a savings account.—Kansas City Star.

### Talk It Up.

Budd—Who originated the phrase, "Say it with flowers?"

Judd—I guess it was the man who put "oral" in "floral!"