

FOR HOME AND WOMEN

ITEMS OF INTEREST FOR MAIDS AND MATRONS.

Blue Figured Foulard—The Married Women's Carelessness—The Correct Figure—Color Schemes—A Housewife's Soft Hands.

A Woman's Thought
I am a woman—therefore, I may not
Call to him, cry to him,
Fly to him,
Bid him delay not!

Not a lover,
At least if he part from me,
Tearing my heart from me,
Hurt beyond cure—
Calm and demure,
Then must I hold me,
In myself fold me,
Lest he discover;

Married Women's Carelessness.

Philadelphia Times: A man would infinitely prefer to be disappointed in his wife's intellect than in her personal appearance, if he has to be disillusioned on either one point or the other after marriage, and yet how many women take chances with their marital happiness by drifting into slovenly or careless ways, which are sure to disgust a man, no matter how much in love he may be.

more becoming reflection than one with a hard frame, and besides, the white draped mirror and the lace-covered toilet table makes a dainty spot in a lady's room at all times.

A Swell Walking Costume.



In olive green camel's hair plaid, with two-piece tunic, trimmed with heavy woolen fringe and black velvet frogs. The jacket is of dark gray cloth, with collar and bands of black velvet as a finish.

Draps Your Mirror.

If a woman wishes to see herself in the deceptive mirror as others see her with the eye, or as nearly so as possible, she should keep the surface of her glass highly polished and have a plentiful supply of white—not cream—gauze or fine India lawn, gather the material at the center of the top and let it fall on either side, framing the glass with soft folds of pure white.

BLUE FIGURED FOULARD.



With yoke and front of white satin, trimmed with design of gold thread; blue satin bands. Blue velvet hat, with green satin bow.

The Correct Figure. The fashionable figure seems to be as silhouette as ever, and waist lines are disregarded in the effort to get a general slender effect.

A Housewife's Soft Hands. A certain little housekeeper who does all her own work and yet has the lily-white hand that one reads about, tells thus how she keeps her hands in such good condition: "Tomatoes will take off any stain. You know paring apples makes your hands frightfully black. I discovered that the tomato can be used to take off this stain, and since I have found it out I keep one on my kitchen table and apply it always after paring fruit.

Color Schemes. The study of colors and their effects in combination is a very curious one, which many women would do well to give some heed to, especially when the house is being thoroughly renovated. There are some colors that are cheerful, refreshing, that give an expansive effect. Others are depressing and give a cramped-up appearance to a room.

Simplicity of Food. A "sick headache" is often caused by eating too much and too often rich food, and taking too little exercise. Substitute a simple, plain meal and a dessert of fruit for too much meat and too many rich dishes, and earn what you eat "by the sweat of your brow."

That is the Place. From the Pittsburg Chronicle: "The yacht races ought to be held at Chicago," said Mr. Northside to Mr. Shadyside.

Spill Their Looks. "Are you ready to face the enemy?" shouted the corporal at Calulet. "Yes, an riddy to deface thim, too," responded the Irish volunteer.

SCIENTIFIC TOPICS.

CURRENT NOTES OF DISCOVERY AND INVENTION.

Fountain Window Brush—Reversible Letter-Sheet and Coin Carrier—Metals Made Pliable by Tauric Acid—Is the Pacific Slope Drying Up?

Metals Made Pliable by Tauric Acid. Another discovery is announced that bids fair to give as important results in the world of science as any that has been made in many years. It is the result of experiments carried on by Theodore Olan, a Swedish chemist at Washington, and like many others it was found by the merest accident. Mr. Olan's discovery consists in "finding a new element which will soften steel, making them soft, pliable, and ductile as a piece of putty, and quite as easily and safely handled. He has named the new chemical agent tauric acid, because it is obtained from tauric moss, a peculiar lichen, or fungus, which grows upon rocks and the roots of trees very generally in the country, but it has never before been the subject of chemical investigation.

Evolution of Indian Corn.

A surprising history is presented in Bulletin No. 57 of the department of agriculture, of one of America's greatest contributions to the food supply of the world, Indian corn. Under the effect of cultivation, the recognized varieties have increased from the few known by the early explorers to more than 500. The variations in size are interesting, especially as regards the height of the stalk. This runs from a foot and a half for some kinds of popcorn to 22 feet for a Tennessee variety, and 30 feet or more for varieties grown in the West Indies.

Fountain Window Brush.

An ideal brush for washing windows and such purposes is one which has a flow of water through it. The fountain window brush shown herewith is the patent of an inventor of Stillwater, Minn., the feature of which is that the handle, being in two parts, is made to act as a pump to force the water to the brush, where it is delivered in such quantities and at such times as desired by the operator, its action being entirely under control. In this case the source of supply is a bucket, tub or any similar receptacle, but where it is convenient to make a connection under pressure, the piston can be fastened in an open position to permit the flow of water. Another feature of this patent is the soap cup on the handle. If soapy water is wanted it is only necessary to press a spring and the water is caused to pass through



this soap holder, while at other times clear water is supplied.

A Long Shot.

Major James M. Ingalls, whose authority in the science of ballistics is recognized in Europe as well as in this country, calculates that the extreme range of the new 16-inch gun, now nearing completion at the Watervliet arsenal, and which is to be used in defending New York harbor, will be almost twenty-one miles. At its maximum elevation the shot, weighing 2,370 pounds, will be 39,516 feet above its starting point, so that it would clear the summit of Mount Everest, with

more than 1,500 feet to spare, even if that giant peak stood in the shore of the sea. The longest shot hitherto made was with a Krupp cannon, which sent its projectile 12 1/2 miles, the greatest height attained by it being 21,466 feet.

Reversible Letter-Sheet and Coin Carrier. An exceedingly handy affair for storekeepers and other trades people who resort to the use of circulars and other mail matter for the purpose of announcing their wares is the combination envelope, letter sheet and coin carrier, which was patented last week by a western man. This inventor has striven to present in a very convenient form the means of making a business announcement and at the same time afford the recipient of the circular the ready facilities of not only answering it, but of inclosing money for the purpose of enabling him to readily take prompt advantage of any proposition offered by the sender without the trouble and delay incident to procuring stationery and accessories for transmitting small sums of money. The letter, after it has been opened, has only to be reversed and the message or order written in the space provided, and in



doing this the coin-carrying feature is revealed. Different spaces are cut in a piece of stiff cardboard.

A New Cab-Fare Meter.

A fare-meter that claims to possess several improvements upon the taximeter, has been recently introduced. The apparatus has two dials which are inside the vehicle, one of which shows the distance run in miles and yards, and the other the time which has elapsed since the hiring of the cab, both starting from zero when the hire enters the vehicle. In addition, there are secret registers by which the proprietor can tell the exact distance run by the cab during the day, so as to check the driver's accounts. The connection between the wheels and the mechanism is by a steel wire which receives a "to-and-fro" motion from a cab on the hub, and works a ratchet wheel in the fare-meter.

Changes of Climate.

Prof. Arrhenius, who has recently investigated the causes of secular variations in the temperature at the earth's surface, thinks that they are more probably due to changes in the amount of carbonic acid in the atmosphere than to variations in the heat of the sun. If the amount of carbonic acid that the air now contains were diminished a little more than one-half, the mean temperature all over the earth would drop about eight degrees, which would be sufficient to bring on another glacial period. On the other hand, an increase of carbonic acid to between two and three times its present amount would raise the mean temperature 15 degrees, and renew the hot times of the Eocene epoch.

Gold in the Philippines.

It is said that there is not a stream rising in the mountains of Luzon—and the same is true of other islands of the Philippine group—which has not its gold bearing sands. The alluvial deposits of the precious metal have been garnered for many years, but no thorough explanation for gold at its sources in the mountains has ever been made, because the Spaniards were unable to conquer the tribes inhabiting the interior regions. Some of these tribes are said to look upon the digging up of the earth as a sacrilege, and they will not seek gold in that way, nor permit others to do it, lest the wrath of the gods should grow hot against them.

Is the Pacific Slope Drying Up?

Two writers in the National Geographic Magazine, Messrs. Garret and Leiberg, offer evidence that there is a progressive drying of the climate on the Pacific coast. At no very remote period some of the arid plains of eastern Oregon were evidently covered with forests of trees resembling existing species nearer the coast. Mr. Garret thinks that with the clearing away of the present forests, the end of the redwood as a source of lumber will be at hand, because existing conditions do not favor its growth.

Recent Inventions.

A handy device for cleaning lamp chimneys is formed of four wires twisted together at one end, with a sliding ring attached to a rod leading to the handle, to be pushed down over the wires and causes them to grip a sponge or other material for cleaning the chimney.

To prevent the legs of furniture from tearing the carpet, a pad has been designed, consisting of a spindle to be inserted in the end of the leg, with a headed portion formed at the lower end, the latter being covered by a cap of leather or rubber.

Commercial travelers will appreciate a new sample case designed for their use, having extensible frames set inside the case to open in opposite directions, slides being carried by the frames to support a series of trays, which arrange themselves in steps when the case is opened.

To assist in laying out road beds evenly a westerner has patented a sod-line marker which can be attached to one side of a hand car to cut the sod parallel to the rail, the cutter consisting of a sharp wheel set at the end of a bar, to be depressed by a lever on the car.

OUR BUDGET OF FUN

SOME GOOD JOKES ORIGINAL AND SELECTED.

A Variety of Jokes, Gibes and Ironies, Original and Selected—Flotam and Jettam from the Tide of Humor—Witty Sayings.

The Minstrel and the Maid. He stood before the window; his breast was full of love, And this is what he warbled to the maid who slept above: "Ah, must I say goodbye, goodbye? Is this to be the end— To meet in future and to greet Each other but as 'friend?' "Ah, must I say goodbye, goodbye? And must I haste away, Nor come again to claim your heart— Your heart and hand some day? "Ah, must I say goodbye, goodbye? And must I leave you here, And wander far from you who are So dear, sweetheart, so dear? "Ah, must I say goodbye, goodbye, Ere you have learned to know The secret that I long to tell, Dear heart, before I go?" He fell below her window—he sang no more of love— Some brute had hurled a pitcher down from the flat above, S. E. Kiser in Chicago Times-Herald.

The Only Significance.



Percy—I dreamt last night that you and I were married! What is that a sign of? Ethel—Why, that is a sign you were dreaming!—Puck.

A Collision.

Sam Sparks—Brudder, doan' yo' advise ebery member to walk in der narrer pat? Brudder Sassafras—Coase Ah do, boy; what ob it?

Sam Sparks—Nuffin, brudder; only Ah wonders what is gwine to happen when some ob our stout membahs meet on de narrer pat comin' from opposite directions.

A Cruel Joke.

Sandy Pikes—Billy, de wickedness of dis world is appalin'. Billy Coalgate—What's de matter, now, pard? Sandy Pikes—Why, I went over an' asked dat lady fer a quarter to get me hair trimmed.

Billy Coalgate—What did she say? Sandy Pikes—Asked me if I'd have it trimmed wid ribbon or lace.

None from Him.

"My friend," said the caller, "on behalf of our society I am soliciting 25-cent subscriptions to enable us to wage war on the cigarette evil, and I felt sure we could rely on you in the battle to the death."

"Yes, I'll give no quarter," replied the business man, promptly. "Good day, sir."—Philadelphia Record.

Such a Shock.

"You can't imagine how shocked I was to discover that my caddie smoked cigarettes!" "The little rascal!" "Yes, the Scotch almost invariably smoke a pipe, you know."—Detroit Journal.

His Description.

From Judge: Mrs. Hoon—How did the defaulting cashier of the Pettyville bank look? Hoon—I never saw him, but he is described as being 6 feet tall and \$12,000 short.

Tactless.

May—Isn't it a perfect duck of a bathing suit? Clara—Yes; it never seems to get wet.

A Questionable Height.

Advertisement for LUTHER HOUSE, S OPERA HOUSE, opening NOV. 20, with the word 'Unity' in large letters.

Love and Thrift. From the Chicago Tribune: "I have come, Rachel," he said, tenderly, "to ask you for this little hand. Not that one—this one." And he reached for the one that had the rings on it.

Breaking It Gently. He—Let's get engaged. She—Very well, but who will you get engaged to?—New York World.