

The Song of the Hair

There are four verses. Verse 1. Ayer's Hair Vigor makes the hair grow. Verse 2. Ayer's Hair Vigor stops falling hair. Verse 3. Ayer's Hair Vigor cures dandruff. Verse 4. Ayer's Hair Vigor always restores color to gray hair. The chorus is sung by millions.

"Before using Ayer's Hair Vigor I had very thin and very poor hair. But I continued to use the Vigor until my hair greatly improved in every way. I have used it off and on for the past ten years."—MRS. M. THURMOR, Newark, N. J.

Made by J. C. Ayer Co., Lowell, Mass. Also manufacturers of

Ayer's
SARSAPARILLA,
PILLS,
CHERRY PECTORAL.

Science AND Invention

Silver-on-glass mirrors have been long familiar. In a new process, an English electrician deposits copper from the black oxide by electrolytic means, and produces very brilliant mirrors of a thin film of copper on glass.

A diamond burning in the electric arc was lately exhibited on a screen by Sir William Crookes. The stone could be seen to sprout and swell and blacken under the intense heat until nothing remained but a swollen lump of graphite.

Recent corrections of surveys show that India is placed on the world's maps six hundred feet northward and 2 1/2 miles eastward of its true position. Altitudes are five to thirty-five feet or more in error. Mt. Everest's corrected height being 29,141 feet instead of 29,002 as usually given.

Carefully suspended thermometers have shown a German chemist very material differences in the temperature of an ordinary air oven, whether heated by gas or electricity, with metallic or porcelain walls, with air ventilator open or shut. The temperature in two of the corners is usually much higher—often as much as 17 degrees C.—than it is in the other two corners or center.


An electrical divining rod, claimed to operate more certainly and scientifically than the ancient and dishonored twig, has been devised by Adolph Schmidt, a Swiss engineer. It consists essentially of a glass-covered box enclosing a coil of insulated wire in which a slightly magnetized needle is free to rotate over a graduated dial. When the apparatus is placed over subterranean water, with the axis of the coil in the magnetic meridian, the needle, it is asserted, oscillates more or less rapidly for two to ten and even up to fifty degrees.

A continuous change in altitudes in mountainous regions, especially in the Swiss and Austrian Alps, has been noted by M. de Varigny, a Swiss geologist. Many villages in the Canton Valais and in the Bernese Oberland have been raised or lowered from twelve to thirty feet in the last six years, and the summits of mountains have undergone changes quite as great. The numerous slight earthquakes are suspected of being the chief cause of the phenomenon, or at least they accompany it, while they produce avalanches in number now increasing.

A correspondent of Nature remarks that the new known facts seem to require a modification of the statement found in some text-books that "it is impossible to say whether a flash of lightning moves from a cloud to the earth or in the opposite direction." Many photographs of lightning taken in the Transvaal show that, in all cases, the discharges were from cloud to cloud, or from the clouds to the earth. Quite frequently, the correspondent says, he has observed lightning flashes leaving a cloud for the earth, but fading away before reaching it. The opposite phenomenon has not been observed.

A recent proposal to construct a telephone line between New York and San Francisco has called forth an interesting criticism, which shows strikingly how modern methods of practically instantaneous communication all round the globe make the sun, in his daily progress, appear as an extremely slow coach. The criticism was that, even if the technical difficulties affecting so long a line were overcome, the proposed telephone line would possess very slight importance, because the business hours of San Francisco and New York would coincide for only a single hour each day. It is one o'clock afternoon in New York when it is ten o'clock forenoon in San Francisco.

Webb Of Course, Web.



Teacher—Willie, what animal is web-footed?
Willie—The spider, ma'am.

How Could He Lift His Mind?
"Josh Doone is the laziest man in seven states," drawled the storekeeper at Bacon Ridge.
"What's he been doing now?" asked the cheese-counter loafers.
"Wa-al, you know he was always so lazy he waited for the lightning to split his kindling wood?"
"Yep."
"Wa-al, now he's read somewhere that in the east the halistones thrashed a farmer's wheat and ever since he has been sitting in an easy chair prying for a halistorm."—Columbus Dispatch.

It is a rare family who can go away on a visit without the neighbor boys fluting it out.

Some way it takes away the romance of the heroine of a tragical love affair is fat.

WAYS ON A GERMAN STEAMER.

Touring Kansas Editor Tells of National Characteristics at Sea.

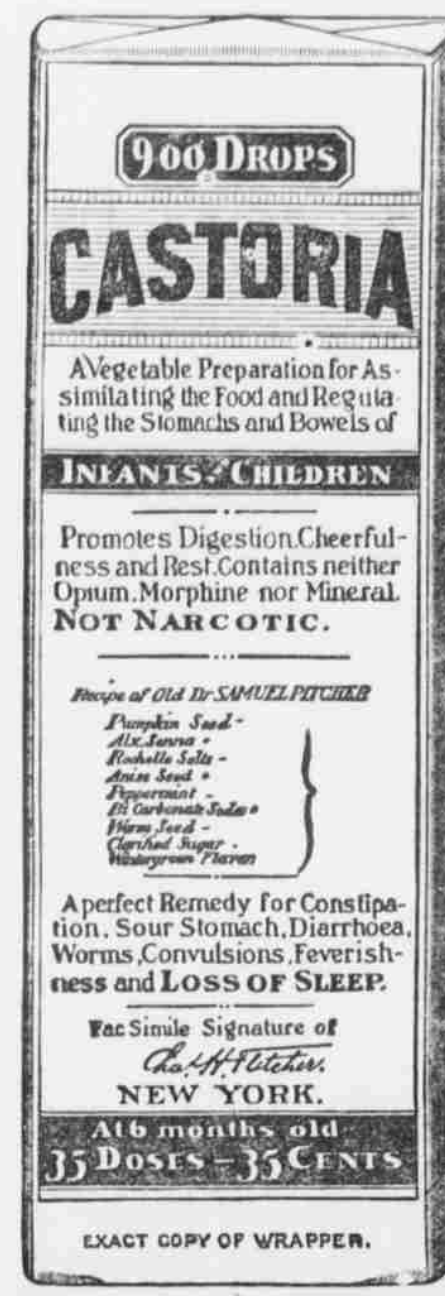
The German flag flies at the mast-head of this ship. Last year we crossed on an English boat. There is lots of difference between Germans and Englishmen, and it sticks out in boats as well as elsewhere, says the editor of the Hutchinson News in telling of a trip to Europe. Wherever the German goes he has plenty to eat and drink and smoke. The principal occupation of a lot of stewards is wadding food into the passengers at every opportunity. We begin with a hearty breakfast in the morning, then have soup at 11 o'clock, an elaborate lunch at 1 o'clock, tea at 4 o'clock, dinner at 7 o'clock, sandwiches and coffee between times and all kinds of German drinks flowing in floods. On an English boat the women never invaded the sacred smoking room. On the Deutschland they come in for their beer or their coffee and play bridge and pounce. It is the same way as in the different countries. And then the band plays! A German band never wears in well doing provided it is supplied with plenty of refreshments. Our band begins with a 10 o'clock in the morning concert, plays at meal times and in the afternoon and evening. Sunday morning it woke us up with the strains of a German hymn. Every time there is the slightest excuse for music the band is there and it does everything from Wagner to cake-walk with equal ability and evident enjoyment.

There are 500 people in the first cabin, including Julia Marlowe. Julia is our star passenger and there is considerable complaint because she does not come out and mix with the best of us. On the last voyage John D. Rockefeller was "it." John made quite a reputation as a "mixer" and once "set up" a small bottle of apollinaris water to a friend. But Julia sticks to her stateroom and is being talked about. She probably doesn't mind it. I really suppose she is lying around in a wrapper or a kimono enjoying the trip better than coming out and being stared at. The only person on board who is considered properly "stuck up" is the man who wins the "pool." There are two kinds of pools, the hat pool and the auction pool. In the hat pool ten men put in \$4 apiece and they draw for the numbers from 0 to 9. At noon the captain announces the run for the twenty-four hours and if the number is 551 the man who drew the 1 gets the pot of \$50. In auction pool twenty numbers, say from 530 to 549, are put up and auctioned, and then low field, below 530, and high field, above 549. Last night the numbers sold for from \$14 to \$30 and the field for \$85 and \$101. There was a fog and a head wind, so the run was slow, but the man who paid \$15 for No. 533 got \$981 to spend in Europe. Not many people really put money into the pools, but everybody gets interested and the announcement of the result is like the finish of a horse race and a man or woman who wouldn't bet a cent is "so glad" that somebody won.

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.

The Kind You Have Always Bought, and which has been in use for over 30 years, has borne the signature of Chas. H. Fletcher, 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.



Letters from Prominent Physicians addressed to Chas. H. Fletcher.

Dr. F. Gerald Blattner, of Buffalo, N. Y., says: "Your Castoria is good for children and I frequently prescribe it, always obtaining the desired results."

Dr. Gustave A. Eisenbrauer, of St. Paul, Minn., says: "I have used your Castoria repeatedly in my practice with good results, and can recommend it as an excellent, mild and harmless remedy for children."

Dr. E. J. Dennis, of St. Louis, Mo., says: "I have used and prescribed your Castoria in my sanitarium and outside practice for a number of years and find it to be an excellent remedy for children."

Dr. S. A. Buchanan, of Philadelphia, Pa., says: "I have used your Castoria in the case of my own baby and find it pleasant to take, and have obtained excellent results from its use."

Dr. J. E. Simpson, of Chicago, Ill., says: "I have used your Castoria in cases of colic in children and have found it the best medicine of its kind on the market."

Dr. R. E. Eskildson, of Omaha, Neb., says: "I find your Castoria to be a standard family remedy. It is the best thing for infants and children I have ever known and I recommend it."

Dr. L. R. Robinson, of Kansas City, Mo., says: "Your Castoria certainly has merit. Is not its age, its continued use by mothers through all these years, and the many attempts to imitate it, sufficient recommendation? What can a physician add? Leave it to the mothers."

Dr. Edwin F. Pardee, of New York City, says: "For several years I have recommended your Castoria and shall always continue to do so, as it has invariably produced beneficial results."

Dr. N. B. Sizer, of Brooklyn, N. Y., says: "I object to what are called patent medicines, where maker alone knows what ingredients are put in them, but I know the formula of your Castoria and advise its use."

GENUINE CASTORIA ALWAYS
Bears the Signature of
Chas. H. Fletcher
The Kind You Have Always Bought
In Use For Over 30 Years.

Wit of a King's Replication.
Queen Maud has the reputation of being the wit of King Edward's family. On one occasion she was with her sisters at a public function and noticed a curious pressman gazing at their every movement, says the London Tatler. Accordingly, she wrote something on a piece of paper and, making a pretense of handing it to one of her sisters, dropped it. The reporter, of course, in great glee picked it up, expecting to get a great scoop for his paper. Imagine his chagrin when he found written on it the commonplace remark: "My new boots pinch me horribly."

FITS permanently cured by Dr. King's Great Kidney Remedy. Send for FREE TRIAL BOTTLE and treatise. Dr. R. H. King, 141 W. 4th St., Phila., Pa.

Attempting the Impossible.
She—My beauty doctor wants to give me some lessons in the proper way to open and shut the mouth. He says it has a great bearing on a woman's looks.
He—Why, my dear, you open yours gracefully enough, and as for shutting it, what's the use of throwing away good money?—Detroit Free Press.

Good Scheme.
Tommy—That medicine's nasty.
Mommy—Did you take a whole spoonful of it as I told you?
Tommy—No'm. I couldn't find a spoon, so I took a fork full.—Cleveland Leader.

To Break in New Shoes.
Always shake in Allen's Foot-Ease, a powder. It cures hot, sweating, aching, swollen feet, corns, ingrowing nails and bunions. At all drug stores and shoe stores. Don't accept any substitute. Sample mailed FREE. Address Allen S. Olmsted, Le Roy, N. Y.

Absent-Minded Papa.
"If Mr. Jinx calls to-night, papa, what shall I say?"
"That will depend on what you hold— that is to say, send him to me."—Houston Post.

Merely a Passing Fancy.
Dennis—Ew'hat's all this fuss they're makin' about the pa-ckers?
Larry—A lot o' cranks is star-rin' a fad fr' clams mate.—Chicago Tribune.

Keeping It in the Family.
"Confound it all," said the elderly gentleman who was dining with a chorus lady, "the youngster with that accent at the corner table is my grandson. The young puppy!"
"Oh, it's all right," retorted the fair damsel. "He's with my grandmother."—Pittsburg Post.

How's This?
We offer One Hundred Dollars Reward for any case of Catarrh that cannot be cured by Hall's Catarrh Cure.
F. J. CHENEY & CO., Props., Toledo, O. We, the undersigned, have known F. J. Cheney for the last 15 years, and believe him perfectly honorable in all business transactions and financially able to carry out any obligations made by him in this respect.
WALDING, KIRKMAN & MARVIN, Wholesale Druggists, Toledo, O.
HALL'S CATARRH CURE is taken internally, acting directly upon the blood and mucous surfaces of the system. Price 50c per bottle. Sold by all Druggists. Testimonials free. Hall's Family Pills are the best.

Mother Goose Amended.
The cow had jumped over the moon.
"That's a little the highest," she said, "that beef has gone since the trust was organized."
At this point the little dog went.

In Kansas.
"What's the pay?" asked the prospective hired man.
"Well," answered the farmer, "ye kin have \$4 a day an' three of my darter's kisses, or \$3 a day and six kisses. Suit yourself. As fer as I'm concerned ye kin take it all out in kisses if ye've a mind to."—Houston Chronicle.

FADED TO A SHADOW.

Worn Down by Five Years of Suffering from Kidney Complaint.
Mrs. Remete Myers, of 180 South Tenth St., Ironton, O., says: "I have worked hard in my time and have been exposed again and again to changes of weather. It is no wonder my kidneys gave out and I went all to pieces at last. For five years I was fading away and finally so weak that for six months I could not get out of the house. I was nervous, restless and sleepless at night, and lame and sore in the morning. Sometimes everything would whirl and blur before me. I bloated so badly I could not wear tight clothing, and had to put on shoes two sizes larger than usual. The urine was disordered and passages were dreadfully frequent. I got help from the first box of Doan's Kidney Pills, however, and by the time I had taken four boxes the pain and bloating was gone. I have been in good health ever since."
Sold by all dealers. 50 cents a box. Foster-Milburn Co., Buffalo, N. Y.

PUTNAM FADELESS DYES

Color more goods brighter and faster colors than any other dye. One 10c package colors silk, wool and cotton equally well and in bleach and mix colors. MONROE DRUG CO., Unionville, Missouri.

Water a Good Remedy.

There is no remedy of such general application and none so easily obtained as water, and yet nine persons out of ten will pass it by in an emergency to seek for something of less efficacy, says the National Magazine. There are but few cases of illness where water should not occupy the highest place as a remedial agent.

A strip of flannel or a napkin folded lengthwise and wrung out of hot water and applied around the neck of a child who has cramps, will usually bring relief in a few minutes. A towel folded several times, then quickly wrung out of hot water and immediately applied over the seat of the pain in toothache or neuralgia, will afford prompt relief. This treatment in colic works like magic. Cases on record having resisted other treatment for hours, have yielded to this treatment in ten minutes. Pieces of cotton batting dipped in hot water, then applied to all sores and new cuts, bruises and sprains is the treatment now generally adopted in hospitals. Hot water taken freely a half-hour before bedtime is an excellent cathartic in the case of constipation, while it has a most soothing effect on the stomach and bowels. This treatment continued for a few months, together with proper attention to diet, will alleviate mild cases of dyspepsia.

HEAVES CURED!

A remedy for long, chronic and wind troubles. Cures Heaves, Coughs, Blisters and Indigestion. Veterinarians use and recommend.

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TOGO WAS MUCH SHOCKED.

Admiral Horrified to Find that His Photos Were Bought.

Last autumn Admiral Togo's humility led him into what he considered a terrible piece of extravagance, writes Mrs. Hugh Fraser in the World's Work. The court photographer, Maruki, had once taken his portrait, and everybody was buying it—naturally enough. Togo saw himself in all the shop windows, and was very much troubled. He walked into Maruki's one morning and called for the head of the firm, who arrived with smiles and bows to welcome his illustrious client, but the admiral's face was stern. "I am shocked to find," he said, "that the people are buying my photograph. It is very wrong that they should spend money on the portrait of such a stupid person. I wish to have the negative, so that you may print no more copies."

Maruki (who told me the story himself) was making a fine harvest out of the picture, and had no desire to part with it. "Your excellency will have to pay for the negative," he explained. "I know," the admiral replied, sadly; "what do you ask for it?"

Maruki considered for a moment, and then named what he thought would be a prohibitive price—20 yen. Togo sighed. "That is a great sum for a poor man like me to pay—but I must have the negative." So he counted out the money and carried off the picture.

"You ought to have presented it to him," I cried, indignantly, when I heard the story.

"Business is business," was Mr. Maruki's curt reply.

This Book is FREE

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"Borax in the Laundry, Kitchen, Nursery and Sick Room."
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"Articles on the Hair and Hands."
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Men's Shoes, \$5 to \$1.50. Boys' Shoes, \$3 to \$1.25. Women's Shoes, \$4.00 to \$1.50. Misses' & Children's Shoes, \$2.25 to \$1.00.

Try W. L. Douglas Women's, Misses and Children's shoes; for style, fit and wear they excel other makes.


If I could take you into my large factories at Brockton, Mass., and show you how carefully W. L. Douglas shoes are made, you would then understand why they hold their shape, fit better, wear longer, and are of greater value than any other make.

Wherever you live, you can obtain W. L. Douglas shoes. His name and price is stamped on the bottom, which protects you against high prices and inferior shoes. Take no substitute. Ask your dealer for W. L. Douglas shoes and insist upon having them.

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