

THE ALUMINUM AGE.

A Metal That May Revolutionize Shipbuilding and Other Construction.

The world has had its ages of stone and bronze. We are now passing through the iron age. Will this be succeeded by an age of aluminum? We believe that it will. It taxes one's imagination a little, we confess, but not one's credulity to see in the mind's eye the bright and beautiful aluminum replacing black and ugly iron in most of the latter's uses.

Fancy houses made of aluminum instead of iron. The weight of the new metal is only a third as much as iron, with equal or greater tensile strength. The girders and the plates could be cast and readily handled in sizes far larger than those to which architectural iron is now confined. Perhaps whole fronts of modern-sized houses could be moulded in a single piece. This would greatly facilitate building operations which are now slow.

Aluminum is as fire proof as iron. The larger the plates of the metal composing the side of the house the less liable they are to be warped and curled by intense heat. A building with aluminum walls, such as we have described, would survive a great conflagration in which iron structures of existing patterns would wither and crumble to the ground. As aluminum never rusts, a house constructed of it would always exhibit a silvery, glistening surface. It would require no cleaning, except as smoke or dust might gradually dim its native beauty.

A sponge and water would bring all that back. Whenever aluminum is cheap enough for house building, steamships will be made of it. This will be a revolution in ocean commerce. Hulls of aluminum ships will weigh only a third as much as iron ones of equal tonnage. They will be as strong and secure against damage from collision as iron vessels now are. Their far greater bouyancy will be to that extent an increase of safety.

Passenger cars made of aluminum in light and graceful patterns—including wheels of the same metal—need weigh no more than wooden cars of our day, and they would be incombustible, and would not be readily crumpled up or smashed into splinters by collisions. The perils of railroad traveling in the age of aluminum will be much less than now.

The ductility of aluminum will render it the best of all possible materials for bridges. The weight of the wire ropes, as also of the bridge itself, for a given span, being but one third that of iron, engineers will perform feats of bridge building now wholly beyond their powers. The age of aluminum will be the age of bridges. They will probably be thrown over the East and North rivers at intervals of every few blocks.

With the sufficient cheapening of aluminum may come the realization of the flying machine. One great obstacle to the success of aerial navigation is the difficulty of supplying a practical motor either to propel or to steer the balloon. The want is still more seriously felt if the design is to dispense with gas and imitate merely the movement of a bird's wing or a fish's tail in cleaving the air.

The small weight of an aluminum engine, driven by compressed air, gas or electricity, compared with its iron equivalent, undoubtedly makes the ultimate success of air ships more probable than before.

The sources of supply are inexhaustible. Iron, copper, silver, gold are found in localities geographically small. But one of the most universally distributed materials of the earth beneath our feet is clay, the metallic base of which is aluminum. Having boundless faith in the ingenuity of man to overcome difficulties, we confidently expect him to wrest this now stubborn metal from its superabundant combinations, and enable the world soon to enter on an age of aluminum.—N. Y. Journal of Commerce.

BLANKER'S MISTAKE.

He Acts as Chief Mourner at the Wrong Man's Funeral.

A week or more ago a gentleman whom we will call Mr. Blank died, and the time and place of his funeral were announced in the papers. Another gentleman, whom we will call Blanker, saw the notice and said to himself:

"Dear, dear, my old friend and benefactor is dead. I knew he was in Washington and intended to call on him, but now it is too late." And he consoled himself for his neglect of the man who had been his friend when he sorely needed a friend.

Tortured by his conscience he sought to make up as best he could for his fault. He sent the most magnificent floral piece he could buy and, on the day of the funeral, was one of the most demonstrative of the mourners.

After the casket had been lowered into the grave and the ceremonies were at an end the repentant Mr. Blanker turned with tears streaming from his eyes and said to a gentleman walking beside him toward the carriage:

"I am almost heartbroken at the loss of my dear old friend."

A French chemist named Beaumetz exhibited at a recent meeting of the Paris Academy of Medicine a new alimentary substance which he names fromentine. It is obtained from wheat by the aid of special millstones and is really the embryo of the wheat reduced to flour. It contains three times more nitrogenous substance than meat, and a large proportion of sugar. It is thought that it may advantageously replace powdered meat as a concentrated food. It may be employed for making soups, and even for making biscuits.

Mrs. Harrison recently said to a friend: "It may be that after a time I shall get used to the unpleasant features of my present position, but just now I am not in a contented frame of mind. I don't like the White House as a residence. I detest the publicity which pertains to our home life, and I regret that I am obliged to see so little of my husband. Is it not absurd that my father and the babies should be gossiped about all over the country? My husband is President, but that is no reason why the rest of us should be made public characters."

Praise to mean anything at all, must be spontaneous and prompted by real approval of character or admiration of excellence; otherwise it is as futile as a bubble that floats a moment in the air and is gone forever.—Once a Week.

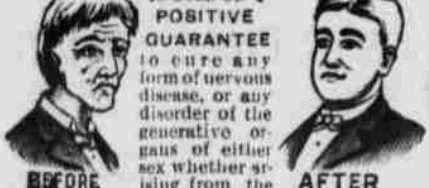


Some years ago I was thrown from a horse in McLennan county, and received a frightful wound on one of my legs. For more than a year I was unable to walk. The wound ulcerated and refused to heal, and every one thought I would have to submit to amputation. S.S.S. was recommended, and I used it freely, and I shall never get through thanking S.S.S. for saving my leg, and restoring me to perfect health. GALLAND WILSON, Palestine, Texas, July 24, '98.

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Warranted "APHRODITINE" or money returned.



IS SOLD ON A POSITIVE GUARANTEE TO CURE ANY form of nervous disease, or any disorder of the generative organs of either sex whether arising from the excessive use of stimulants, tobacco or Opium, or through youthful indiscretion, over indulgence, etc., such as Loss of Brain Power, Wakefulness, Hearing down Pains in the Back, Seminal Weakness, Hysteria, Nervous Prostration, Nocturnal Emissions, Leucorrhoea, Gleet, Weak Memory, Loss of Power and Endurance, which if neglected often lead to premature old age and insanity. Price \$1.00 a box, 6 boxes for \$5.00. Sent by mail on receipt of price.

A WRITTEN GUARANTEE for every \$5.00 order, to refund the money if a Permanent cure is not effected. Thousands of testimonials from old and young, of both sexes, permanently cured by Aphroditine. Circular free. Address THE APHRO MEDICINE CO., WESTERN BRANCH, PORTLAND OR.

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N. P. N. U. No. 300 - B. F. N. U. No. 377

You will never find time for anything; if you want time you must make it.

Her Face was Her Fortune.

She was as Pretty as a picture and so animated and lovely that it did one good to look at her. She was all this but she is not now. Poor soul, the roses under no more in her cheeks, the former luster of her eyes is gone. She is a woman, before looking piece of humanity now. She has one of those troubles so common to women and needs Dr. Pierce's Favorite Prescription. It recuperates the wasted strength, puts the whole system right, restores the roses and the luster and makes the woman what she once was, bright, well and happy. "Favorite Prescription" is the only medicine for women, sold by druggists, under a positive guarantee, from the manufacturers, that it will give satisfaction in every case, or money will be refunded. This guarantee has been printed on the bottle-wrap, and faithfully carried out for many years.

For all derangements of the liver, stomach and bowels, take Dr. Pierce's Pellets. One a dose.

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Swept by the Tide of Popularity To the topmost pinnacle of success, Hostetter's Stomach Bitters stands a shining proof of what genuine merit, backed by the living force of proven facts, can attain. The North and South American continents, Europe, Australia, the West Indies, Guatemala and Mexico have all contributed, wide patronage and testimony of the most favorable kind—but unsatisfied—to swell the reputation of this sterling remedy. Among the maladies for which the most convincing public and professional testimony proves that it is a benign curative, are chills and fever, bilious remittent, dumb ague and ague cake, dyspepsia, liver complaint, nervousness, debility, kidney and bladder complaint. It mitigates the infirmities of age, hastens convalescence, has a tendency to prevent ill consequences from exposure and exhaustion. Persons of sedentary habits and laborious occupations will find it an ever useful tonic.

He who does not engage in the quarrels of others will have few of his own.

White Elephant of Siam, Lion of England, Dragon of China, Cross of Switzer, land, Banner of Persia, Crescent of Egypt, Double Eagle of Russia, Star of Chili, the Circle of Japan, Harp of Erin.

To get these buy a box of the genuine DR. C. McLANE'S CELEBRATED LIVER PILLS, price 25 cents, and mail us the outside wrapper with your address, plainly written, and 4 cents in stamps. We will then mail you the above list with an elegant package of oleographic and chromatic cards. FLEMING BROS., PITTSBURG, PA.

Reflection increases the vigor of the mind as exercise does the strength of the body.

Happy Recovery.

There is nothing I now enjoy that I do not owe to having used Dr. David Kennedy's Favorite Remedy, of Roundout, N. Y., at a time when I was suffering all that a human being could endure. My troubles began in my kidneys, from which I never expected to recover. My physician said I had Bright's disease. Later I had a bad attack of gravel. Six years ago last June—how well I remember that day—I saw Dr. Kennedy's Favorite Remedy advertised in our paper. After using three bottles I was well. I have never had a return of the disease, and though I am over sixty years of age I am vigorous and strong, as I was in my prime. What physicians and the many remedies I had taken could not do, Dr. Kennedy's Favorite Remedy did; it stayed the disease and made me a well woman.—Mrs. Emiline P. Mizner, Burg Hill, O. DR. KENNEDY'S FAVORITE REMEDY, made at Roundout, N. Y., \$1.50 for \$5. Send for brood, how to cure Kidney, Liver and Blood disorders.

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Sure cure for blind, bleeding and itching Piles. One box has cured the worst cases of ten years' standing. No one need suffer ten minutes after using Kirk's German Pile Ointment. It absorbs tumors, allays the itching, acts as a poultice, gives relief. Dr. Kirk's German Pile Ointment is prepared only for Piles and itching of the private parts, and nothing else. Every box is warranted. Sold by Druggists and sent by mail on receipt of price, \$1.00 per box. J. J. Mack & Co., Wholesale Agents, San Francisco.

There is no man so bad but has a secret respect for the good.

Old smokers prefer "Tansill's Punch" 5c. Cigar to most 10 centers.

Every ultimate fact is only the first of a new series.

The very best way to know whether or not Dobbin's Electric Soap is as good as it is said to be, is to try it yourself. It can't deceive you. Be sure to get no imitation. There are lots of them. Ask your grocer for just one bar.

What is becoming is honorable, and what is honorable is becoming.

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In this county, Best of references required. Apply at Home Office.

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About a year ago he observed a strange change in his feelings. He felt tired instead of vigorous; nervous instead of strong. His appetite became poor and his sleep broken. He tried to overcome these feelings, but they would not go. He then noticed pains and irritation in the water channels, and that the fluids passed were often thick and with a scum on top or a brick-dust sediment at the bottom. All these were the sure symptoms of that fearful disease, Catarrh of the Bladder, which has always been considered incurable, and they continued until the Captain was in a terrible condition. But he is the picture of health and vigor to-day, and he owes it entirely to that wonderful medicine, Hunt's Remedy. Capt. Greenwood says: "I am so certain of the great value of Hunt's Remedy, that I always carry a supply on shipboard for the uses of my men, and I prescribe it whenever they are ailing. After curing me as it did, and restoring my wife, (whom the best physicians of New York said was dying of tumor), to perfect health, I swear by it."

This Great Remedy absolutely cures all Kidney, Liver and Urinary Diseases. For Sale by all Dealers. C. N. CRITENTON, General Agent, 115 Fulton St., N. Y.

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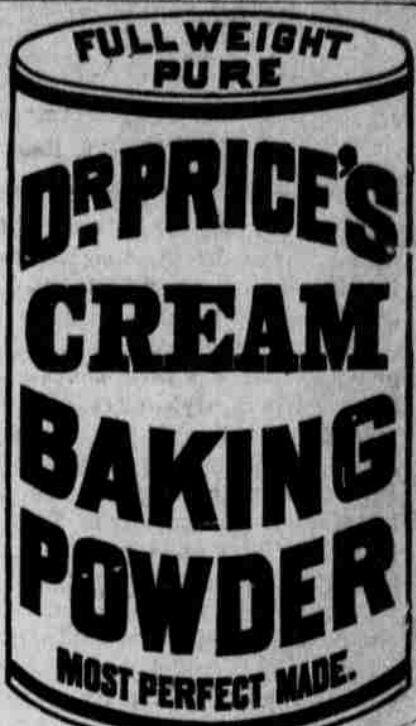
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