

### TESTS WITH EXPLOSIVES.

**Emmentite and Gelbite the Most Destructive Agents Yet Invented.**

There was a good deal of noise in the navy yard the other afternoon, the result of a series of experimental tests with the new explosive (emmentite) and smokeless powder (gelbite), both the invention of Dr. Stephen H. Emmens. The tests were given by the company handling the patents under the personal supervision of Dr. Emmens, and showed that the new materials are quite as powerful as dynamite and perfectly safe in handling. There were a number of prominent officials scattered through the large crowd, including Secretary Tracy, Senators Manderson, Colquitt, Hale, Chandler and Blackburn, Representatives Cutcherson, Carlisle and Wheeler, and Commodore Folger, Admiral Jousset and Captain Meade. Dr. Emmens first manufactured some of his explosives in the loft of the boat-house to show there was no danger in mixing the ingredients, which are a couple of unusual acids. The fumes of the mixture have colored the doctor's beard and hair a bright orange yellow, which is the prevailing hirsute tinge, he says, around the factory.

Then a can containing sixty pounds of emmentite was placed under a small raft made up of about fifty heavy timbers lashed together. A steam launch towed the raft out about five hundred feet from shore and anchored it, and then proceeded some distance further, paying out behind it a couple of electric wires. Suddenly the word "fire" was heard across the water, and there came a rumbling crash, followed by the upheaval of tons of water, in the midst of which fragments of broken timbers flew skyward. After they had gone up a couple of hundred feet they came down again, all torn and twisted out of shape. Hundreds of fish lay dead on the surface of the water.

The next experiments consisted of testing the rending power of the emmentite above water, and three iron plates, a foot square and half an inch thick, were consecutively broken in pieces each by a cartridge of the terrible stuff. The explosives were arranged in three different ways, so as to show the force of the shock was equal in all directions. In order to convince the spectators that the material was harmless in handling the inventor had his son fire a bullet through a cartridge of it, the effect being a mere breaking of the package as though it were no more than chalk. The broken cartridge was then exploded with tremendous effect. A cartridge of dynamite was treated in the same way and disappeared with a great explosion as soon as the bullet touched it. Four emmentite cartridges were placed in a can of gunpowder, which was exploded, blowing the cartridges high in the air and setting fire to them. They burned briskly, but without exploding. A small yacht cannon was charged with gunpowder and loaded with a can of emmentite as a projectile. This was fired at an iron plate and smashed to pieces without explosion, the same emmentite afterward being scraped together and exploded. This was to show that it can be used as a charge for shell in powder guns without danger of premature explosion.

Gelbite, which is a brown paper saturated with emmentite, was then fired from a rifle as a cartridge load. The shot made almost no noise and practically no smoke. There was a momentary light mist, which was instantly dispersed. The penetration seemed to be the same as that obtained by gunpowder cartridges, which made a loud report and a great smoke.

It is not only harmless to handle, but it is said to be a radical cure for malaria and catarrh when taken in regulated doses or snuffed in the nostrils. Dr. Emmens wants guns and intends asking the Navy Department for permission to conduct a series of tests with some of the abandoned cannon belonging to the Government.—Washington Star.

### AND STILL THEY COME.

**SAN FRANCISCO, January 29, 1890.**  
Sierra Chemical Co.

GENTLEMEN: I have been a sufferer from kidney complaints for several years, and have used all kinds of medicine with out any apparent results or relief until my friend advised me and told me of the wonderful cures *The Great Sierra Kidney and Liver Cure* was accomplishing. I was induced to buy one bottle but without much faith, and to my surprise after using that bottle I noticed such a great improvement that I kept on until I have now used three bottles and can safely say that I am entirely cured and never felt better in my life. I wish to recommend this remedy to all sufferers from kidney and liver disorders, for it will positively do the work. Very truly yours,  
L. H. COHN,  
Atlantic and Pacific Pub. Co., Room 52,  
St. Anne's building, San Francisco, Cal.

### AMERICAN DEGREES.

**They Are Not Recognized by the Medical Faculties of Europe.**

The University of Berlin has declined to recognize the degrees conferred by American medical colleges, on the ground that such institutions differ greatly in character and that time can not be spared to separate the good from the bad. That there is excellent reason for the complaint is generally known. If our best colleges were fairly typical there would be no question of the reception of American degrees abroad. But they are not. On the contrary they form but a small fraction of the whole. Berlin is not unique in the respect of refusing to recognize American degrees. Knowing the utterly worthless character of many of our colleges, it has long been a rule in the army and navy to accept no certificates as conclusive. A rigid examination of the applicant for a surgeon's position is conducted in both branches of the Government, and this is done without the slightest reference to the medical institution which has already granted its diploma. Is it reasonable, then, to blame the University of Berlin for following a precedent which has the sanction of our Government? No doubt there are colleges in America which would compare favorably with those abroad but it would be foolish to argue that the average standard of ability is so high here as it is on the continent. Germany and France have made their medical schools public institutions, and their reputation is so excellent that diplomas issued by them command world-wide respect, and are just as valuable in America as anywhere else. Ignorance in medicine and ignorance in law are matters of vital concern to the public. It is a shocking condition of affairs when the State guarantees no protection to the individual against the incompetency of those whose right to act in a professional capacity is guaranteed by institutions operating under its charter. New York was among the first of the States to show its appreciation of the danger, and six years ago a bill was passed providing that law students should pass an examination which would guarantee fitness to enter upon their legal studies. Last year the same provision was made to apply to medicine, and the Regents' Academic examination is now one of the best possible safeguards. So that in this commonwealth, at least, very material progress has been made along lines of improvement. The American students at Berlin most keenly feel their position. But what are they to do? Privy Counselor Klueffel is perfectly correct when he says that we have "institutions of real worth established side by side with those that are practically humbugs," and that the laxity of American laws and regulations concerning the conferring of degrees is remarkable.—Brooklyn Eagle.

### THE FIRST SEWING MACHINE.

Elias Howe, the inventor of the sewing machine, was born in Spencer, Mass., July 9, 1819. His father was a farmer and miller, and Elias remained at home, assisting him, till 1835, when he went to Lowell and found employment in a factory, afterward working in a machine shop at Boston. There he developed his idea of the sewing machine. His first machine was completed in May, 1845, and he secured his patent September 10, 1846. He made four machines, but received so little encouragement for them that he went to England, where he struggled with poverty for two years. He then returned to America, to find that others had appropriated his idea. For more than five years he was constantly engaged in lawsuits, but finally secured his right to priority of invention, and other manufacturers of sewing machines paid him a royalty on their patent. He now amassed a large fortune, estimated at \$2,000,000 from the sale of his machines. He died in Brooklyn, N. Y., October 3, 1890.—Boston Budget.

### BLUE BLOOD WAS OFF.

**Now Look Out for the Failure of a Horse.**

A thick-set, surly-faced man who boarded a Madison avenue car down town the other day was followed by a wild-eyed cur dog, which slipped past the conductor and hid behind his master's legs. All was peace for about four squares. Then a very dignified, middle-aged lady hailed the car and took a seat in the center of it on the right-hand side, followed by a poodle, which the conductor may or may not have seen. The car had scarcely started when the poodle began a tour of investigation under the seats. He found the wild-eyed cur without much hunting, and only about ten seconds was wasted in "sass." Before the passengers could realize what was going on the two dogs rolled out into the aisle, with the cur evidently having things all his own way.

"My darling—my Benny—he'll be killed!" shouted the owner of the poodle, as she sprang up and seemed about to faint.

"Call off your cur!" shouted a man who rose up from the rear of the car.

"Somebody part 'em!" screamed three or four women, as they climbed upon the seats.

"The pood hain't got the sand of a hen!" muttered a telegraph boy who was closely watching the proceedings.

The dogs fought to the rear end of the car, followed by their respective owners, and there, as the car was trying to shake the hind legs off the poodle, the conductor tumbled both of them off the platform into the mud. They separated at once and scurried in different directions. The frigid lady had now recovered her presence of mind, and she turned to the conductor with:

"Conductah, stop this cah! I wish to alight. It is the last time I shall evah take a cah on this line!"

As she got off the owner of the wild-eyed dog reached the platform and said:

"Conductah, hold this cah until I can descend. The next time I desire to go up town I shall chariah a cah all by myself."

And as he got off on the left and moved for the sidewalk the passengers said they wouldn't have missed the show if the tickets had been placed at a half a dollar each.—N. Y. Sun.

### THE WIDESPREAD FAME OF THE HISTOGENETIC MEDICINES.

**MODESTO, Cal., March 30, 1890.**  
Dr. J. Eugene Jordan, Seattle Wash.

DEAR SIR: Your letter with prescription came some days ago. The medicines Miss Hall was taking were A. I. M. O. O. L. She has been taking your prescription, and is taking it still, although she says she considers herself thoroughly cured. She commenced taking the medicine when she was first taken sick, and was immediately benefited. She was persuaded by her folks to go back to her old physician. She grew worse under her treatment, and finally took her case in her own hands and bought the five bottles of Histogenetic medicines referred to, and pronounced herself well. She is the happiest person I think I ever saw. I wouldn't attempt to tell you the many ways in which this young lady was afflicted—eight years an invalid; cured of everything. "Just think," she remarked, "I can eat anything and everything I want to, and all I want to, and even have red cheeks."

Miss Hall's sister, a married lady of about 30, is as much of an enthusiast as myself over the Histogenetic medicines, and seriously thinks of applying to you to be received as a medical student. Yours truly,  
Mrs. Purvis.

Dr. Jordan's office is at the residence of ex-Mayor Yesler, Third and James, Seattle. Consultation and prescription absolutely FREE. Send for free book explaining the Histogenetic system.

**CAUTION.**—The Histogenetic Medicines are sold in but one agency in each town. The label around the bottle bears the following inscription: "Dr. J. Eugene Jordan's Histogenetic Medicine." Every other device is a fraud.

Mr. Dolan—Prohibition is a terrible thing, ain't it? Mr. Holohan—Faith it is, but enough to drive a man to drink.

### DON'T GO OFF BEFORE YOU ARE READY.

Particularly on a long journey, be fully prepared. You are accompanied with the traveler's and tourist's code means, Hostetter's Stomach Bitters, most genial of appetizers, acclimatizers and promoters of digestion. Against sea sickness, malaria, cramps and colics, and all other ailments, Hostetter's Bitters is a sovereign preventive. It invigorates a relish for food not altogether to your taste, and prevents it from disagreeing with you. Sufferers with these such a capital thing for the unfortunate dyspeptic who stands in dread of the best cooked meals. Stomachic trouble caused by ill prepared viands aboard ship, on steamboats, and rations hastily had at railway restaurants, is soon remedied by the Bitters, which gives a quietus also to rheumatism, kidney troubles and indigestion.

The top and bottom of a cylinder are considered different, but there isn't a difference between them in a strawberry box.

For ear, nasal and throat disorders, *Brown's Bronchial Troches* are recommended and are remarkably effective, giving immediate relief.

An "original package" now in Kansas will mean an thing from a barrel of whisky to a half-pint flask.

### SHOULDER CURED.

Charles A. Stiles, 180 Carroll st., Buffalo, N. Y., writes:

"I have been a clerk in the Continental Hotel, corner Exchange and Michigan streets, for some years, and first used ALCOCK'S POROUS PLASTER three years ago for a sore shoulder. I fell down stairs and got a terrible wrench and bruise. For several weeks I suffered acute pain in the shoulder joint, and getting no relief, or only a temporary relief from numerous liniments, I put on an ALCOCK'S POROUS PLASTER; kept it on for two or three weeks and my shoulder was well. They also cured me in six weeks of a most obstinate form of dyspepsia."

Beware of imitations of the celebrated Seal of North Carolina Plug Cut Tobacco.

**Pfunder's Oregon Blood Purifier** is the best remedy for that dread disease, dyspepsia. It regulates the lymphatic system and bad secretions.

THEY GERMEA for breakfast.

### BEAUTY OF Skin and Scalp RESTORED BY THE CUTICURA Remedies.

Nothing is known to science at all comparable to the CUTICURA REMEDIES in their restorative properties of a cleaning, purifying and beautifying the skin and in curing itching, discharging, itching, scaly and pimply eruptions of the skin, seta pained blood, with loss of hair.

CUTICURA, the great skin cure, and CUTICURA SOAP, an equal-skin cleanser, prepared from the extracts of CUTICURA RESOLVENT, is now being internally cured every form of skin and blood disease from pimples to scurf.

Sold everywhere. Price, CUTICURA, 50c; RESOLVENT, 50c; SOAP, 25c. Prepared by the POTTER DRUG AND CHEMICAL CORPORATION, Boston, Mass. Send for "How to Cure Skin Diseases" free.

Put on CUTICURA RESOLVENT, 50c; CUTICURA SOAP, 50c; CUTICURA RESOLVENT, 50c.

Put on CUTICURA RESOLVENT, 50c; CUTICURA SOAP, 50c; CUTICURA RESOLVENT, 50c.

Put on CUTICURA RESOLVENT, 50c; CUTICURA SOAP, 50c; CUTICURA RESOLVENT, 50c.

### ONE REASON

Why nearly everybody should take a good medicine in the spring is because at that season the system is especially susceptible to the benefit to be derived from a reliable preparation like Hood's Sarsaparilla. In the winter various impurities accumulate in the blood, the effect of which is most felt when spring comes on in general weakness and languor. The system in general is unable to maintain the health and expel impurities, which Hood's Sarsaparilla readily does. Try it.

"I have suffered for some years with eruptions on my face and neck. After using five bottles of Hood's Sarsaparilla every blemish disappeared, and now my general health is excellent. I believe it to be the best medicine in the world."—E. F. WALSH, Ocala, Oregon.

### Hood's Sarsaparilla

Sold by all druggists. 50c; six for \$3. Prepared only by C. I. HOOD & CO., Lowell, Mass.

**100 Doses One Dollar**

### PAIN IN HIS STOMACH NINE YEARS.

**And How He Was Cured by the New Mode of Treatment by Electricity—Other Wonderful Cures.**

**Editor Oregonian:** For nine years I have been seriously afflicted with a pain in my stomach. Nothing I ever tried for it did me any good. Dr. Darrin cured me with home treatment in five weeks by the new mode of treatment by electricity and medicines. I can be seen at Mo lalla, Clackamas county, Oregon.

HOMER TRULLINGER.

### Mr. William Rohr's Wonderful Cure.

**Mr. Editor:** This is to certify that Dr. Darrin cured me of chronic nasal and throat catarrh by electricity and medical treatment. I reside at the New York hotel, Front and B streets, Portland.

WILLIAM ROHR.

### Afflicted With Catarrh Six Years.

**Editor Oregonian:** I wish to testify in behalf of Dr. Darrin and tell of the wonderful cure he performed on me for catarrh of six years' standing. I am happy to say I am perfectly cured, and can be referred to four miles out of Oregon City, Or. Postoffice address, Oregon City, Or.

LESTER M. LELAND.

### Dr. Darrin can be consulted daily at the Washington building, corner Fourth and Washington streets, Portland, and Barlow Catlin building, Tacoma, Wash. Hours 10 to 12; evenings, 7 to 8; Sundays, 10 to 12. All chronic diseases, blood taints, loss of vital power and early indications permanently cured, though no references are ever made in the press concerning such cases, owing to the delicacy of the patients. Examinations free to all, and circulars will be sent free to any address. Charges for treatment according to patient's ability to pay. The poorest treated free of charge from 10 to 12 daily. All private diseases confidentially treated and cures guaranteed. Patients at a distance can be cured by home treatment. Medicines and letters sent without the doctor's name appearing.

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**FULL WEIGHT PURE MOST PERFECT MADE**

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Specialists in Chronic, Nervous, Skin and Blood Diseases, Syphilis, Gonorrhoea, Gleet, Stricture, Venereal Eruptions, Etc., Etc. in both sexes. The result of years of study and all ailments of the system, all deformities of sexual organs in either sex or impediment to marriage. All the above diseases quickly and permanently cured. One visit desirable when possible. Thousands cured by correspondence. State case fully and send to insure prompt reply. Treatment without hindrance to business. Correspondence and treatment strictly confidential. Dr. Merrill & Merrill, Atkins block, Seattle, Wash.

**5 TON SCALES \$66**  
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**JONES OF BINGHAMTON N. Y.**  
HE PAYS THE FREIGHT

### ONE REQUEST

We have only one thing to ask this week, and that is easily granted. Please send postal card with your address and ask for copy of

**MAY HOME CIRCLE.**

It will be ready May 1, and sample copies are offered free to all who ask for it. We know you will be interested in it. Quotes many thousands of articles at lowest price to consumers, and gives information how to order, how to buy, how to ship, how to live well and cheaply in any part of the world. Address Smith's Cash Store, 418 Front St., San Francisco, Cal.

### I CURE FITS!

When I say cure I do not mean merely to stop them for a time and then have them return again. I mean a radical cure. I have made the disease of FITS, EPILEPSY or FALLING SICKNESS a life-long study. I warrant my remedy to cure the worst cases. Because others have failed is no reason for not now receiving a cure. Send at once for a treatise and a Free Bottle of my infallible remedy. Give Express and Post Office Address. H. G. ROOT, 31 C. 183 Fourth St. New York

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**THE SMOKER**  
Will have no other Jobacco  
Who once tries  
"SEAL OF NORTH CAROLINA"  
Plug Gut.

This is the secret of its Immense Sale.

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### AN ELEGANT PACKAGE OF FINE CARDS.

Including 15 rare novelties, shapes and artistic imported dieographic and chromatic cards. This large and beautiful collection sent by mail to any one who will do this: Buy a box of the genuine Dr. C. McLane's Celebrated Liver Pills from any druggist, price 25 cents, and mail us the outside wrapper with your address, plainly written, and 4 cents in stamps. The genuine McLane's Pills are prepared only by Fleming Bros., Pittsburgh, Pa., and have been in constant use for over sixty years. They are superior to all others in purity and effectiveness. A certain cure for indigestion and sick headache. Address, Fleming Bros., Pittsburgh, Pa.

If afflicted with Sore Eyes, use Dr. Isaac Thompson's Eye Water. Druggists call it 25c.

### BILE BEANS

Use the SMALL SIZE (40 little beans to the bottle). They are the most convenient, suit all ages. Price of either size, 25 cents per bottle.

**KISSING**  
At 7, 17, 70. Photo-gravure, cents (coppers or stamps).

J. F. SMITH & CO.  
Makers of "Bile Beans." St. Louis, Mo.



### KISSES.

(A la Romeo and Juliet.)

A prominent physician calls the kiss "an elegant disseminator of disease." He says, "fever is spread by it, so are lung diseases." He maintains that if the kissing custom were driven out of the land "it would save one-tenth of one per cent. of human lives" which are now sacrificed. Out upon the married and blissful wags! Evidently kisses are not for such as he, and the old fox says the grapes are sour. Let him devote himself to making our women healthy and blooming that kisses may be kisses. This can surely be done by the use of Dr. Pierce's Favorite Prescription which is simply magical in curing diseases peculiar to females. After taking it for a reasonable length of time there will be no more irregularity, backache, bearing-down sensations, nervous prostration, general debility and kindred ailments. "Favorite Prescription" is an invigorating, restorative tonic and a regulator and promoter of functional action at that critical period of change from girlhood to womanhood, it is a

### DR. PIERCE'S PELLETS

Purely Vegetable and Perfectly Harmless.

Unquestioned as a Liver Pill. Smallest Cheapest. Easiest to Take. One tiny, Sugar-coated Pellet a Dose. Cures Sick Headache, Biliousness, Constipation, Indigestion, Bilious Stomach, and all derangements of the stomach and bowels. 25 cents by druggist.

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Men's Pants Made to Order, \$6 to \$12.

Fit Guaranteed.

Send 4 cents in stamps for samples and rules for self-measurement. You can save big money by dealing with me. Satisfaction guaranteed.

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### St. JACOBS OIL

**CURES PERMANENTLY SPRAINS AND STRAINS.**

Athletes Praise it Highly.

636 Ninth St., San Francisco, Cal., May 5, 1887.

Some time ago, while a member of the Olympic Athletic Club, I sprained my knee severely and suffered agony, but was speedily and completely cured by St. Jacobs Oil.

JOHN GALIBUTTI.

Jumped from Engine.

636 9th St., Oakland, Cal., Sept. 22, 1888.

I jumped from an engine in collision, and strained my ankle very badly. I used cans for weeks. St. Jacobs Oil completely cured me.

U. ROEDER.

AT DRUGGISTS AND DEALERS.

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### Faber's Golden Female Pills.

For Female Irregularities: nothing like them on the market. Never fail. Successfully used by prominent ladies monthly. Guaranteed to relieve suppressed menstruation.

**SURE! SAFE! CERTAIN!**

Don't be humbugged. Save Time, Health, and money; take no other.

Sent to any address, secure by mail on receipt of price, \$2.00.

Address,  
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perfectly safe remedial agent and can produce only good results. It is carefully compounded, by an experienced and skillful physician and adapted to woman's delicate organization. It is purely vegetable in its composition and perfectly harmless in any condition of the system. It imparts strength to the whole system. For overworked, "worn-out," "run-down," debilitated teachers, milliners, dressmakers, seamstresses, "shop-girls," housekeepers, nursing mothers, and weak women generally, Dr. Pierce's Favorite Prescription is the greatest earthly boon, being unequalled as an appetizing, cordial and restorative tonic. It is the only medicine for women, sold by druggists, under a positive guarantee from the manufacturer, that it will give satisfaction in every case, or money will be refunded. This guarantee has been faithfully carried out for many years.

A Book of 100 pages, on "Woman and Her Diseases," and their Self-cure, sent, post-paid, to any address, securely sealed in a plain envelope, on receipt of ten cents, in stamps. Address, WOOD'S DISPENSARY MEDICAL ASSOCIATION, 663 Main Street, Buffalo, N. Y.

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