A man who has practiced medicine for furty ears cought to a now sait from stater; read what

he says:

Tolero, O., January 10, 1887.

Mesora, F. J. Chemes & Co. - singuishes: i have been in the general grantle of medicine for most forty years, and would say that it sail my therite and experience have never seen a treasuration that I and prescribe with as much come dense of success as I can thall a faith trace, manufactured by your law coverible I is a test many times, and its effect is a neverbal and would say in conclusion that I have never that has a case of control had a would not sure, if they would say it some usion that I have would say it some lates the would not care at the would take it according to direction. Your truly,

Other 25 suremit street.

We will give \$100 in an case of extract that can not be enred with Hall's cuttern Case. Taxen internal.

F. J. CHENEY & City. Proprietors.

sold by draggles, for

A Scriptural injunction whom is very generally regarded at this time of the year. Them ye on another's bundless."

A \$2.50 PAPER FOR \$1.75.

THE YOUTH'S COMPANION IN VESSO much for the small announce that it enter the new mond or it is taken at not on meanly half a Million Families. With its fine super and beautiful it ustrations, its Weet to it. lustra ed Sapelements, and us Doud-Hotiday Numbers, it seems no it the pr Ishers continued do enough oplose. By sending \$1.7) now you may obtain it from to January, and for a full year from that date to January, 1822. Address, The YOUTH'S COMPANION, Beston, Mass.

Consistent. - That sail e hawkins is the great estigit for g tring barrains at second bare. " (sait she! I understand she is going to marry a widower."

Washing recorders are strong alkales, and rula clothes. The purest song obtains able is the best and cheapest. Dubbins Electric Song has been returned algorithms and a boy were occupied years to be the pured of all. Try it right.

"This is where the street is an angle of the st

If it becomes no essary to array the United States traces against the Indiana, it is looped the Indianagents nor see their way clear to taking sides with the ecisions.

If it becomes no essary to array the United States reached a Stroke yet toward the States reached a Stroke yet toward the States reached a Stroke yet toward the Indiana Reserved a Stroke yet toward the States reached yet toward the States rea

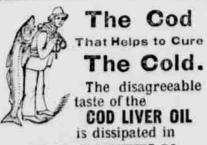
For coughe, colds and the at disorters "Brown's Bronchial Frockes' wave proved their efficies by a test of many years.

Crawford-Time's money, you know. Meritin -And yet I would sooner have a zintwise das forty millions than one other has forty.



Brimful

of confidence in it-the manufacturers of Dr. Sage's Catarrh Remedy. It's a faith that means business, too-it's backed up by money. This thick, and the eventual shape of the is what they offer: \$500 reward for a case of Catarrh off, and this time they go to the center which they cannot cure. They presses, where they are put under a contrivance which cuts the margins off the mean it. They're willing to steel and when they leave here you can take the risk—they know their see that the thing looks like a sword. Hitherto, however, you have seen nothmedicine. By its mild, soothing, cleansing and healing where the metal is brightened. properties, it produces perfect and permanent cures of end of the room to the other I observed the worst cases of chronic Catarrh in the Head. It's doing it every day, where everything else has failed. No matter how bad your case, or of how long standing, you can be cured. You're 'sure of thator of \$500. You can't have both, but you'll have one or the other.



Of Pure Cod Liver Oil with HYPOPHOSPHITES OF LIME AND SODA.

The patient suffering from CONSUMPTION,
BRONCHITIS, COLGH, COLD, OR
WASTING DISEASES, may take the
remedy with as much satisfaction as he
would take milk. Physicians are prescribing it overywhere. It is a perfect emulsion,
and a wonderful flesh producer. Take no other

A Handsome \$2.50 Barometer and Thermometer A Handsome \$2.50 barometer correct tempera-ture and when the weather will be fine, change-able, hard storm, rain or snow, sent to any address for 40c in stamps; large, showy and practical; no such value ever offered; live agents wanted. Cooke & Cooke, 529 Clayst, San Francisco Cal.

WINTER IS COMING.

Send to Smith's for your winter outfit. They have the biggest stock of underciothing. They have the best beots and shoes. They have the cheapest hosicry for everybody. They have the createst variety of dry goods. They have family groceries of all kinds. They have dried fruit of the new crop. They have warm mittens and gloves. They have blankets from \$1.25 up. They have comforts from 30 cents each to \$5. They have overalls of every size. They pay special attention to all orders. Address for full particulars and copy of House Circle (free) Smith's Cash Store, \$118 Front Street, San Francisc, Cal.

HOW A SWORD IS MADE.

FROM THE CRUDE IRON TO THE HIGH TEMPERED BLADE.

Testing the Finished Weapon on a Stone. Proc ss of Preparing the Steel-The

"Here you are," he said. "See if you can knock a piece out of the sword on that stone:

I took the handle in both hands and The angry man who makes his could back it to my astonishment a piece flew off the very and to use them over again when occasion requires.

"Every one of these weapons has to stand that test," I was informed, "or we do not put the mark of our firm on it. nor do we deliver it as a first class

I went all through the factory, which employs over 1,000 men exclusively in the ulacture of line weapons. They are now filling an order for the German govermeat for a new payonet. Eight hundred thousand are to be made, and the firm delivers 1,500 a day. The weapon is twelve inches long, and the government pays six marke for each of them when

Before a place of steel is converted into such an instrument of war it has to go through quite a process. To show me this Mr. Noch took me into a large space at one end of the factory, where I at once noticed pieces of steel varying in length from ten to twenty feet, standing all ground the walls. In the center of the room stood a large machine, where one

THE RAW MATERIAL. "This is where the steel is cut before it has received a stroke yet toward the shape of a sword, so we might call this my kind informant began his explanation The long pieces of steel, which were about 21 inches wide, were then put under the muchine and by the turning of a crank pieces of about tweive inches fell on after the other into a basket. The boy then handed the man another piece of steel, put an empty bunket under the machine and corried the short pieces into an adjoining apartment. We followed, and from the number of fires all around I guessed that we must have arrived at the fire, and when it was white with heat, a man put it under a steam hammer, which struck the heated steel in rapid succession about twenty times on every particl of its surface: the pieces was about eighteen Inches It was now thrown into a large barrel filled with water. Now the would be sword had gone through the hardening process, and a number of boys gathered them again into bashets to earry them to the rolling department. In the front of each of these rolls i had my at-tention called to a big coke fire. This fire put into the fire. There are two men occupied at each roll, viz .- the roller and his helper. As soon as the steel is hot again it comes under the roll, from where it emerges about one-cighth of an inch sword stamped on it.

Again the pieces of steel are carried ing but a dark blue piece of dirty steel, while we now come into the departments at first the "grind mill." This is a large rows of immense grindstones, some of them eight feet in diameter.

THE GRINDER'S SKILL. In this factory I saw forty stones, and in front of each sat a grinder. He has a little wooden seat, wears a woolen shirt, no cap and a pair of overalls. But over the latter up to his knees lie has wooden gaiters, made out of four pieces of wood. His feet are also inclosed in wooden shoes. The stones are turned by steam and watered automatically. In the front of this stone the man sits from 6 o'clock in the morning until 12 o'clock at noon. Then he has an hour for dinner, when he sits down again from 1 o'clock until 6 o'clock in the evening. He has a boy who brings him the instruments as he wants them. The grinding department is the most important in the entire factory, and the grinder has to be very skillful. has to have a keen eye; he must know when to press the steel hard against the stone and when not. A single scraping of the stone too much speils the whole weapon, and it has to be thrown away. Most of the other work is mechanical while here it is intelligence that does the work satisfactorily.

From the grinding stone the piece of steel comes bright and sharp. It is now taken to the burnishing rooms. This part of the work is chiefly performed by boys. who vary in age from 12 to 16 years. In this place there are a number of wheels. but they are very small. Some of them are of stone, others are covered with leather, which, if the article has to receive a polish, is covered with a powder which lends the blade a high polish. The knob and the back of the handle are now bril-liantly burnished, and the weapon is already very dangerous. But still it is unfinished. The different holes which are made in the handle, the one which fastens the blade on the gun and several others are now bored. This is done, however, by machinery, and takes but a very short time. Then the handle is covered with leather, and now that the blade itself is thoroughly completed, it is taken to the

controlling room. In this department we find, as a rule, a number of old men who have been at work for the firm for long years. They are not able to do actual hard work, but still in this department their services are indispensable. Their duty is, in fact, to examine the article and see whether there examine the article and see whether there is a blemish anywhere. As soon as he detects a flaw he knows where it was done, whether in the burnishing, the grinding, the rolling, or any other department, and the man who is found to grinding, the rolling, or any other de-partment, and the man who is found to have made the mistake has to make it good, or, in other words, he has to pay for the damage.—Solingen (Germany) Cor.

Pittsburg Dispatch.

The Bigness of Texas. Texas can produce within its own borders food amply sufficient for the support of 250,000,000 people. It has a climate adapted not only to the productions of the temperate zone, but to those of semi-tropical character as well. It has timber as well as coal, silver, copper and other minerals in almost exhaustless abundance.-Houston Post.

PRINTING ILLUSTRATED MAGAZINES

The First Web Press for Book Work and Its In cate Mechanism.

Web presses a mawspapers are common enough, but this press has distinction as the last, and for three years the only, web press used in this country for good book work. At one end "Grind M II"-Great Shill of the Grind of the machine is a great roll of paper more than two miles long when un wound, and weighing about 750 pounds. As the paper unwinds it passes first over a jet of steam which slightly dampens and softens, but does not wet or sodden, its hard surface, and fits it for receiving impressions. It next passes under a plate cylinder on which are thirty-two curved plates, inked by seven large rollers, which print thirty two pages on one side. Then it passes around a reversing cylinder which presents the other side of the paper to an other plate cylinder, on which are thir ty-two plates which print exactly on done quickly-in less than two seconds -but with exactness.

But the web of paper is still uncut. To do this it is drawn upward under a my money, and was cured in eight non-small cylinder containing a concealed utes, so I can hear perfectly. To do this it is drawn upward under a knife, which cuts the printed web in strips two leaves wide and four leaves Cures Made in San Francisco Four Years long. As soon as cut the sheets are thrown forward on endless belts of tape. An ingenious but undetectable mechanism gives to every alternate sheet a quicker movement, so that itfalls exactly over its padecessor, mak ing these lapped sheets of paper accurately up to a head and a side guide.

comes a strong, enessing blade over the long center of the sheet, and pushes it out of sight. Pulleys at once seize the remains permanent.

Mrs. K. Desworte, Fresno, Cal -Cured ereased sheet and press it flat, in which of feman weakness, falling of the womb shape it is harried forward to meet and charge of ide also liver and kidney three circular knives on one shaft, complaint. which cut it perces in four equal pieces. Disappearing an instant from view, it tions from 10 x M, to S P, M, these pieces of steel was put into the per end of the tail of the press in the treatment for any cutater chrunte, acute form of four folded sections of eight of private diseases, which are kept strictly pages each. Immediately after, at the co-fidential. lower end of the tail of the press, out Consultation and examination free.

when it was pulled out, as about eighteen inches now thrown into a large th water. Now the would gone through the harden and a number of boys again into basic to carry dling department. In the of these rolls i had my at to a big coke fire. This web press of daily news to a big coke fire. This web press of daily news for the binder. This web press is not a big coke fire. This fire to an enormous heat, and so fasted were one by one of roll, viz.—the roller and so come for the celebrated search.

Honesty by Weight.

Lower end of the toll of the press, out come four entirely different sections of eight pages each.

This duplicate delivery shows the product of the press to be at every revolution of the evilinders sixty-four pages, neatly printed, truly cut and according department. In the of these rolls i had my at to a big coke fire. This web press is not a big coke fire. This web press of daily news for the binder. This web press is not so fasted were one by one of the roll, viz.—the roller and so for seel were one by one of the roll, roll which is a come four entirely different sections of an inchilation and examination free. All classes treated free from 10 to 11 A M daily. Characes moderate, being only \$20 at nonth for each disease, or in that proportion, as cases may require. Send for circular, free.

PILES! PILES! PILES!

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Dr. Williams India Pile of the binder and the ling files when all other of the press of daily news so fast as the web press is not say from the cut of the send of the control of the press to be at every revolution of the evisiones sixty-four pages, to any person in the classes. This fire from the circular, free.

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PILES was stirred up to an enormous heat, and so fast as the web press of daily news then the pieces of steel were one by one papers, but it performs more operations

Honesty by Weight. "Is that boy the new junior?" the presi-

dent of the bank asked the cashier, pointing to a youth in the office. "Yes, sir." "Have you tested his honesty?"

"Yes, sir I left him alone in your room for half an hour or more to count a pile of gold, which I told him had not en counted." "Of course it had been counted?"

"No. sir "That was rather risky, wasn't it?" "Not at all," replied the cashier; "I weighed the gold myself first."-Pitts-

SOMETHING FOR THE NEW YEAR.

burg Dispatch.

The world renowned success of Hestetter's stomach Bitters, and their continued popularity for over a third of a century as a stomachie, is secreely more wonderful than the welcome that greets the summing appearance of Hostetter's Almanne. This valuable meeted treatise is published by The Hostetter Company, Pittsburgh, Pa., under their own immediate supervision, employing 6c hands in that department. They are cruning about 11 months in the year on this employing 6e hands in that department. They are running about II menths in the year on this work and the issue of same for 1921 will be more than ten millions, printed in the English, German, French, Welsh, Norwerlan, Swedish, Holland, Bohemian and spanish languages. Refer to a copy of it for valuable and interesting reading concerning health, and anomerous testimonials as to the efficacy of Hostetter's Stomach, Bitters, amusement, varied intramation, astronomical calculations and chronological items, &c., which can be depended on for correctness. The Almavac for 1821 can be obtained free of cost, from druggists and general country dealers in all parts of the country.

It may be "Lo, the poor Indian," in poetry but Indians come high to the United States gov ernmest.

RUPTURE AND PILES CURED. We positively care rupture and all rectal dis-eases without pair, or detention from business. No cure, no pay; and no pay until cured. Ad-dress for pamphlet Drs. Porterfield & Losey, 838 Market street, San Francisco.

TRY GERMEA for breakfast.



ONE ENJOYS Both the method and results when Syrup of Figs is taken; it is pleasant and refreshing to the taste, and acts constipation permanently. For sale in 50c and \$1 bottles by all druggists.

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SALESMEN WANTED,

Local or Traveling, To sell our well-known Nursery stock. We want good, lively workers, and will pay well—commission or salary. Good references required. Apply quick. L. L. MAY & CO., Nurserymen, St. Paul, Minn.

APPLIANCES FOR ELECTRICITY.

When Troles, one of the seven wise men-about the year 500 B. C. bserved that when number had been rubbed it nequires the property of attracting light boffes; when in the year 1722 that American states ing electricity to practical uses, little know or unsgined the foundation ther were invl g or of coverns and inventions cure the ills of suffering bumanity is yend any doubt by the well informed. The thousands of cures (er ormed by them among our very best citizen- of Pert and and throughout the Unit d States is conyou tag proof of the superiority of electricity over modic hes in caring disease. As a proof of the above statement we present the following list of nan es:

Deafness Cured in Eight Minutes.

consult De Darrie and his new mode of by means of electricity without loss of curing reafness by a actricity. I was half blood. Office — No. 70%. Washington skep lost about a "ten-minute cure," but street, corner Fourth, Portland, Or. my great ces to to be cured by reame my skepticism. I took the treatment and paid

J. A. MILLER. December 12. Ago

O. A. Vorce, Antioch, Cal. Deafness twenty two years, could scarcely hear anything; c red in ten in nutes.
rs. M. Hanls, 30 Oak Grove avenue Spinal from e and general assability; cured

twelve years ago; had no return of it since. Mrs. C. B. Leny, r-sidence 1:42 Misson ing two lapped strips of paper. Busy street S in Francisco Asthea, deafness little adjusters now come in play, place and headache twelve years; cared two years ago. Miss Kate Norten, South San Francisco

ately up to a head and a side guide. - Constant point in stomach two years; Without an instant of delay down cuted and remains permanent.

Mrs. H. F. Bailey, Benicia, Cal, Total deathers in one ear twe've venrs, caused by catacroad troubles, cured has May and

The Drs. Darrin are crowded with pa-

Office 70; Washington street, Portland,

Beware of imitations of the celebrated Scal of Chesebrough M'f'g Co., 24 State St., New York.

REMARKABLE SURGICAL OPERATION.

A Tumor of Twenty-'wo Years' Standing Cared in Five Minutes. Mr. Joseph Hervien, employed in the Portland Cracker Enetory, was brought to Dr. Toel's office a short time ago by when in the year land antercept states and and pholosopher, Henjam Franklin, Mr. Richet, the grocer on Third and was to which the valuable discoveries reading old Washington streets. As had and since his birth a bright red colored tumor the a 1809 Sir Hamabrey Days discovered size of a walnut between his left eye and that an electric current might be main-trained between two stress of earbon wien ing straight. When Dr. Tool told him they were senatated by a short space, he could remove it by electricity without when even Morse and Edman began apply the loss of a single drop of blood, he would hardly believe it; but, when in five minutes time Dr. Feel had dissolved that would prove of the general value to the tumor, he declared his faith in elec-the cyclical would. That Drs. Darro tricity. Dr. Toel has studied four years ave disc vered how to apply electricity at the Universities and large Hospitals of Germany, Switzerland and England, and is the only surgeon in the Northwest who operates by electricity without loss

DOCTOR

Makes a specialty of Diseases of the Nose, Throat and Neck, Skin, Urinary Organs, Female Diseases and all Surgreal Operations, as for Fistula, Piles, Strictthe back of the proper pages for the thirty two previously printed. This is

See this paper of the last two weeks.



WERY HUMOR OF THE SKIN AND SCALP of Infancy and childhood, whather noturing, disfiguring, highing, bouning, scale, crusted, imply or thoreby, with loss of hair, and every nepurice of the blood, whether simple, scroftle as a rice editary, is speedily, permanently and commically cured by the Curicius Resemble, onsisting of Curacums, the great skin care, Circus a soar, an exquisiteskin purifier and leans flor, and Curicus Resenvent, the new blood of skin portifier and greatest or known page. whin better and greatest of Atmorrane , when the best physicians and all other edies fall. Parents may your children your mental and physical subtring. Begin new mysure damperous. Cures made in childhoost Sold overswhere, Price Curicusa, See: Soar, See: Resolvent, 2b. Prepared by Potter Drug and Chemical orporation, Resolvent, Mass. Send for "How to Care Blood and Skin Dis-

forges. And so it was. Each one of comes out on the other side at the up these pieces of steel was not into the comes out on the other side at the up these pieces of steel was not into the comes out of the tall of tall kinner pains, backache and anuwular heroatism relieved on one minute by the obstated Curicula ANTI-PAIN PLASTERSE.

VASELINE.

WORTH A GUINEA A BOX.

Such as Wind and Pain in the Stomach, Fullness and Swelling after Meals, Dizziness, and Drowsiness, Cold Chills, Flushings of Heat, Loss of Appetite, Shortness of Breath, Costiveness, Scurvy, Blotches on the Skin, Disturbed Sleep, Frightful Dreams, and all Nervous and Trembling Sensations, &c. THE FIRST DOSE WILL CIVE RELIEF IN TWENTY MINUTES.

BEECHAM'S PILLS TAKEN AS DIRECTED RESTORE FEMALES TO COMPLETE HEALTH. For Sick Headache, Weak Stomach, Impaired Digestion, Constipation, Disordered Liver, etc.,

they ACT LIKE MABIC, Strengthening the muscular System, restoring long-lost Complexion, bringing back the keen edge of appetite, and arousing with the ROSEBUD OF HEALTH the whole physical energy of the human frame. One of the best guarantees to the Nerveus and Decliptated is that BFECHAM'S PILLS HAVE THE LARGEST SALE OF to the Nerveus and Debilitated is that BFECHAM'S PILLS HAVE THE LARGEST SALE OF ANY PROPRIETARY MEDICINE IN THE WORLD.

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by your house just as much as by your dress. Keep it neat and clean and your reputation will shine. Neglect it and your good name will suffer. Do not think that house-cleaning is too troublesome; it is worth all it costs, especially if you reduce the outlay of time and strength he using SAPOLIO.



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Few smokers fully realize the danger of smoking new or improperly cured Tobacco. The medical staff of the German army discovered this was a fruitful source of throat disease.

The subsistence department of the U. S. Army have adopted Seal of North Carolina Plug Cut as the Standard Smoking Tobacco for the

Beware of Imitations. The genuine "Seal of North Carolina" costs you no more than poisonous imitations.

young business men, and hundreds of book-keepers and stendards of book-keepers of