Catarrh

Invites Consumption

It weakens the delicate lung tissues, derauges the digestive organs, and breaks down the general health. It often causes headache and dizzi-

ness, impairs the taste, smell and heaving, and affects the voice.

Being a constitutional disease it requires a constitutional remedy.

Hood's Sarsaparilla **HOOD S JUTSUPUTTED** Radically and permanently cures ca-tarch of the nose, throat, stomach, tarch of the nose, throat, tarch of the nose, tarc Rend the testimonials.

No substitute for Hood's acts like Hood's. Be sure to get Hood's.

Iood's. Be sure to get Hood's. "I was troubled with estarrh 20 years. W. Dorsey, Arkansas; John B. Gor-Second statements of curves by Rood's Sar-supartilla resolved to try it. Four bottles Richard J. Oglesby, Illinois, Oliver P. entirely cured me." WILLIAM SHERMAN, Morton, Indiana; John J. Ingalls, Kan-1030 6th St., Milwaukee, Wis. sas; Hannibal Hamlin and Lot M Hood's Sarsaparilla promises to sure and keeps the promise. Morrill, Maine; George S. Boutwell, Charles Summer and William D. ours and keeps the promise.

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10 1

To Clean a Brush.

Washburn, Masachusetts, Zach Chandler and Thomas W. Ferry, Michigan; Alexander Ramsey and To clean an ebony-backed brunh, work the brushes in hot, sonpy lather, William Windom, Minnesota; Adelbert Ames, Mississippi; Carl Schurz, Mis-souri; Frederick T. Frelinghuyzen, rinsing first in hot and then in cold water. The backs should be rubbed New Jersey; Roscoe Conkling, with a small mite of linseed oil and then polished with a soft cloth. Dry York; Matt W. Ransom, North Carolina; John Sherman and Allen G. Thurman, Ohio; Simon Cameron, the bristles as quickly as possible after washing or they are likely to get soft Pennsylvania; William G. Brownlow, and flabby. Dry thoroughly before Tennessee: James W. Flanagan, Texuning. as; George F. Edmunds and Justin S.

Record for Quick Work.

West Virginia; Matthew H. Carpenter, A loaf of bread has been on exhibition which was the result of a re-Wisconsilu cord-making experiment at Blockley, in Worcestershire, England. From the It is pulte a distinction to be the in Worcestershire, England, From the sole survivor of an entire member-time the wheat was cut in the field uns ship of the menate. While it is true til a loaf of bread was baked was only that there are two men members now who were there thirty years ago. thirty minutes. Senator Allison has seen them go and

FITS Permanently curved. We fits for nervous fees after first day in use of for Kine's creat Nerve Destrict, word for Free 2 print the flat Nerve Dr. R. H. Kine, this Mr. Arch HL, Philadelphia, Pa. their successors take their seats and again witnessed their return. He is

A Family Jar.

Mr. Snapp-Well, what are you going to do about 1t? Mrs. Snapp-Oh, don't be in such a hurry. It takes some time to make up

Mr. Snapp — That's strange; you haven't much material to work with. --Philadelphia Press.

Punishment.

"Maria, what has become of those slippers I got a low weeks ago?" They were looking so shabby I gave them to a tramp this morning. What

do you want of them?" "Nothing, only there was a \$5 bill in

the tax of one of them that I was going to give you as a reward if they were here at the end of three months."

To Break in New Shoes.

Always shake in Allen's Fool Ease, a powder, henres hot, sweating, aching, swollen feet Cures sorts, logrowing uaits and bunions. At all druggists and shoe stores, 20. Don't accept my substitute Sample mailed FREE Address Allen 5 Olmsted, Le Roy, N.Y.

Among Those Not Present.

Teacher (of school in Ohio)---Men-tion the names of the great men born in Ohio, as near as you can remember. Pupil — Well, there's President Roosevelt, David Bennett Hill, Senator Hoar, Admiral Dewey, Chauncey M. Depew, Ben Tillman-

Teacher-You are all wrong. Not one of those men were born in this take place in and between such buildstate.

Popil-I'm naming the great men that were not born here. That's easier. -Chicago Tribune.

The Audience Worse.

"Ha-a-a! I am mad, mad!" ranted chine shop, both of which are but little Hamphat, the tragedian, in the dun-geon scene, I is a function of expense are the

"'Huh!'' snorted the man in the gallarge percentage of losses which is lilery, "you ain't near as mad as us fel-lows that paid to get in."-Philadel-oxtensive plants must be faid down and the fact that new and improved phia Press.

THIRTY YEARS IN SENATE. Of Men and Women. Man admires woman, but loves him Senator Allison Is the Oldest in Con-tinuous Bervice in the Body. self; woman loves man, but admires

New

John P. Jones, of Nevada, took his

cost at the same time, but closed

Morrill, Vermont; Henry J. Davia,

the one man who has been a member

and witnessed a complete change in

the senate, himself alone excepted.

WHY THE ARMOR IS COSTLY.

Process of Making It Is Tedious and

Requires Much Patience.

The general public has always been

paid for armor plate. The most im

required for the successful manufac

ture of a plate, for, on the average,

Washington Post.

ine months.

to shop, we may mention

herself. Senator Allison entered the senate He who thinks to please her by tak-1 1873, and there is now no one a ing her at her word is either a born ember of that body who has served of or a self made one. Man is logical, but unreasonable; ontinuously as he has done. Stewart, of Nevada, was a member, and John oman, irrational, but convincing. If a man observes a woman carefully, H. Mitchell, of Oregon, took his seat

welve years and Mitchell ten years, that she wants him to know.

thirty years of service last March. There were some interesting figures in flore Proff.

the well-known personages the new This again shows that in the selec-lows man met on the floor thirty tion of their parents children should years ago were Powell Clayton, now exercise the very greatest care.

Perrin's Pile Specific The INTERNAL REMEDY No Case Exists it Will Not Cure

WELL DRILLING MACHINERY. PORTABLE and th 47 DIFFERENT STYLES. We challenge competition, and for Free Diadrated Catalogue REIERSON MACHINEST CO out Morrison St., Portland, O

OREGON'S GREAT ILLUSTRATED MONTHLY 24 pages full of half-tones, strong

editorials and descriptive matter of our wonderful resources 34 34 25c. A YEAR

Send it to your Eastern friends. Solicer'se for it yourself. Should be in every bond in Oregon, Washington, Easter, Montana Send muncy, or P. O., or Express order to THE PACIFIC NORTHWEST PORTLAND DREG05



Western Reversable Road Graders Western Ditch Making Graders Western Rock Crushers Western Scrapers, Plows and R. R. Contractors Supplies Road Rollers, nystified at the extremely high price Street Sweepers and Sprinklers, portant item is the great length of time

BEALL & CO. mercial Bik, PORTLAND, OREGON



MANUFACTURE OF PAPER

Modern Devices Have Completely Revolutionized the Work.

Improved methods in machinery and the great change in the character of materials used has had an important bearing upon the printing art, says the Scientific American. In the varilest mills established in this country, the that she wants him to know. The best cure for a man's concert is woman's laughter,—Smart Set. at the same time. Stewart was out he will learn everything about her- raw fiber, after being prepared in the was dipped from the pulp vat by hand, the water drained off and the pulp left in a wet sheet in the mold. The The New York World remarks that sheets so made were turned out upon Strictly hand made paper to-day is a rarity, although it exists,

By the aid of the Fourdrinler ma hine the transformation of the fluid to stock or finished paper is made an automatic operation. The pulp is servened from the vat over an apron to a moving endless wire cloth made of closely woven fine brass wire and supported by a series of small metal rolls set close togother, yet without touching each other. In this way an even surface of the wire cloth is maintained and by preserving an unvarying flow of the pulp and a constant for ward motion of the wire cloth, the thickness of the layer of pulp deposited is kept uniform. By lateral motion of the supporting rolls the fibers are caused to interlace in various directions

and give greater transverse strength to the texture. As the pulp is carried along on the

wire cloth much of the water drains through, leaving the fiber on the mesh-This first drying is usually hasten ed by various devices and the moist web is carried between rolls which are covered with woolen felt and then

taken from the wire cloth on endless woolen felts which pass it between rolls and then to driers. These are large metal cylinders heated by steam. The paper has now acquired consider-

able strength. The water has been evaporated and the heated cylinders complete the drying process. The paper is then given a smooth surface by the calender rolls, which are smoothfaced, heavy metal rollers. Finally the finished paper is reeled off in rolls and cut into shoets of the desired size. A large paper mill will make 250 tons

of finished paper a day. The most modern machinery turns out a contin-uous web of finished paper at the rate of 500 feet a minute. The raw matertal of wood pulp is spruce, poplar and in smaller quantities various other woods are employed. Wood pulp has to a great extent superseded the use

ood are pressed hydraulically against the edge of a rapidly revolving grind-stone and by attrition reduced to a

making wood pulp which is largely used. The merchantable shape of the only partially dry, and is, therefore, under common conditions, only suitable

facture, its weight being so increased by the water as to preclude the profitable transportation of such a low-priced product. There are 763 paper making plants in the United States and the total capital is \$167,507,713, giving em-

530,236 in 1900. The total value of the products was \$127,326,162 and the total power required for running the plants

CHIEF OF CREEK INDIANS.

Gen. Porter Has Always Been an Ally of the U. S. Government,

A distinguished resident from Musogee, and one whom all men delight Bilious? Dizzy? Headache? Pain to honor is Gen. Pleasant Porter, principal chief of the Creek nation. Gen. Porter was born near the town of

ARE ESPECIALLY LIABLE TO WOMEN COLDS

Colds Invariably Result in Catarrh, Which Sets Up a Host of Distressing Diseases.

PE=RU=NA Both Protects and Cures a Cold==Read Proof



CATCHING COLD.

Mise Rose Gordon, 2,102 Oakland av., Oakland Heights, Madison, Wis., writes:

Writes: "A few years ago I caught a severe cold, which resulted in citronic bron-chitis and catarrh. Our family physi-clan prescribed medioines which gave temporary relief only. I began taking Peruna and improved at once. Two bot-ties cured me. I recommend Peruna to all sufferers, and am most grateful to you for your valuable medicine."—Miss Rose Gordon. full of Peruna before each meal during

Washington, D. C., 609 H Street, N. W. Dear Dr. Hartman:---''I used to think that the doctors knew all about our aches and pains and were the proper ones to consult when sick, but since I have been sick myself I certainly had good reason to change my mind. During the i consult when sick, but since I have been sick when sick, but since I have sen sick myself I certainly had good ason to change my mind. During the inter I caught a heavy cold, which de-loped into catarrn of the bronchial bes and an infamed condition of the piratory organs. The doctors were aid that pneumonia would set in and scribed pills, powders and packs until ickened of the whole thing, as I did improve. One of the ladies in the me had a bottle of Peruna and alle ised me to try that. Shortly after I an using it i felt that i had found the trediction. I used two bottles and y restored me easily and pleasantly effect health. While my stomach was a in the least, but gave me a neutron delicate, Peruna n the least, but ga e, and I wish to to you for restor lie Von Struenning -Miss

Hope for Him. "Ah!" he said, as he led her back to her seat after the walts, "I just love son, has "Well," she replied, as she at-tempted to repair a torn flounce, "you're not too old to learn."—Phila-skin. They have the advantage, too, delphia Press. feminine heart.

BTATE OF OHTO, CITE OF TOLEDO, LUCAS COUNTY. PRANE J. CHENEY INACCE Call that he is the senior parter of the firm of F. J. CHENEY & CO., doing business in the City of Toledo, County and State aloressid, and that said firm will pay the sum of ONE HUNDRED DOLLARS for each and Svery rease of Catarith that cannot be cored by the use of HALL'S CATARIN CREE. FRANK J. CHENEY Sworn to before me and subscribed in my presence, this sin day of December, A. D. 1886.

A. W. GLEASON, BEAL

Hall's Catarrh Cure is taken internally and act directly on the blood and mucous surfaces o the system. Send for restimoning free. F. J. CHENEY & CO., Toledo, O. Sold by drugering. 75: Sold by druggists, 75c. Hall's Family Pills are the best.

Mothers will find Mrs. Winslow's Southing

Crowded Out.

10.0 100

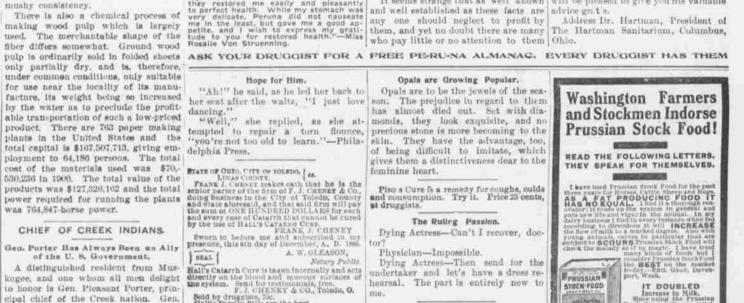
Is the Beginning of Most Winter sumption. Ailments-Pe-ru-na Protects Catarrh May Permeate the Whole Against and Cures Colds. System.

There is no fact of medical science etter established than that a teaspoon all of Peruna before each meal during "I had terrible headaches, both ears

the winter season will absolutely pro-tect a person from catching cold. Now, if this is true (and there is no doubt of it), thousands of lives would be saved, botiles of Peruna and one of Manalin and tens of thousands of cases of chronic catarrh prevented, by this simple precaution within reach of ev-ery one. and any happy to say that it is the best medicine that I ever used. I am not so nervous, my appetite is good, every-thing I eat air ca with me, and I am After a cold has been contracted a teaspoonfull of Peruna every hour will shortly cure it, leaving no trace of it for a start has been contracted a blessing to suffering humanity."—Mary E. Sampson.

behind. After chronic catarrh has be-come established, or the first stages of If you do not derive prompt and sat-

conse establiance, or the first stages of chronic bronchitis or consumption have been reached, it will take much longer to effect a cure. It seems strange that as well known will be pleased to give you his valuable



of rags and entirely so in the manufac-ture of news paper. The blocks of mushy consistency. There is also a chemical process of

for use near the locality of its manu-

ployment to 64,180 persons. The total cost of the materials used was \$70,-

was 704,847-horse power.

Teoslate and Billion Dollar Grass.

The Longest Day.

Teacher-You must remember, children, that Dec. 21 is the shortest day we have. Do you remember the long-

Freddie-Yes'm, It's July 3, when you're waiting for firecracker day.

A Difference.

"Now," said the gentleman with the Sow, said the genteman will the long goatee, "there are some people who like golf and there are some peo-ple who think poker is the only game a gentleman should amuse himself at, were 1.069 persons on the island who which demonstrates to me that, after

all, games are alike in their funda-mental principles." "I hardly agree with you," objected the individual with the plaid necktie and the heavy coating of tan. In golf, for instance, one's energies are hent toward getting in the hole, while in poker the effort lies in trying to keep out of it."—Judge. where the capital is located. Of those



"An attack of la grippe left me with a bad cough. My friends said I had consumption. I then tried Ayer's Cherry Pectoral and it

You forgot to buy a bottle of Ayer's Cherry Pectoral when your cold first came on, so you let it run along. Even now, with all your hard coughing, it will not disappoint you. There's a record of sixty years to fall back on.

Three sizes: Sic., enough for an ordinar old; Sic., just right for bronchilis, hoarse nas, hard colds, etc., Sl. mest economics of chronic cases and to keep on hand. J. C. AYER CO., Lowell, Mass.

time render the plant more or less ob time greatest folder plants on earth, one for if fous hay and the other 801 "agreed ra fame, yielding 60,000 line sheep and ind argenter resisting qualifice, Vietoria intro practice resisting qualifies, which make it possible to give equal to 200° size being to the strain of the strain set and the strain set analysis (1.0, La Crosse, Wis, and restrict in return their big estables and hots of farm seed samples (1.0, C.L.)

methods of manufacture may at any

AMERICANS IN PORTO RICO. Number Is Decreasing-Estimates Run

ican.

from 600 to 5,000. The question is how many Ameri-

cans are their in Porto Rico? -The number has been variously estimated from 600 to 5,000, but all estimates are mere guesses.

A census was taken in 1800 at the all, games are alike in their funda-mental principles." was one year after the occupation, and conditions since then have

> in this district nearly all resided in San Juan, the capital being the resi

dence of 631 of the 680, Of the 1,061 born in the United States and resid-ing here, only 281 were women.

Of course, there figures do not in-clude the soldiers who were here, and excluding that element in the population, we believe that most observers will admit that the number of Amer This wor teans on the island has increased since that date, and also that for a year or so the number has been decreasing. Perhaps the year 1902 was the year

of the largest number of Americans on the island. The population is so restless and so constantly changing it is difficult to get any accurate estimate.-San Juan News.

Juvenile Reasoning. Sammy-Going to move soon, Tom

Tommy-Yes. Sammy-How do you know? Tommy- Aw, How do I know? Didn't me mother lemme break a winder t'other day and did'nt say nothin' -Tit-Blts.

A woman usually begins her life ork when ahe marries a man to re form him.

liver! Use Ayer's Pills. mission at Tallahasses. Sold for 60 years. J.C. Ayer Co.

Want your moustache or beard a beautiful brown or rich black? Use **BUCKINGHAM'S DYE**



11:

Dr. C. Gee Wo WONDERFUL HOME TREATMENT

ADDRESS TATION FREE The C. Gee Wo Chinese Medicine Co. 253 Alder St., Portland, Oregon.

PISO'S CURE FOR Curts while All first FAIls Beet Couch by runs, Trates Good, tee These Couch of the first Pails CONSUMPTION P

back of your eyes? It's your liver! Liver Aver's Pills early education in the Presbyterian Work con Gently laxative; all vegetable. genial to him presented itself shortly afterward, and for several years he deoted himself to the rehabilitating and building up of the Creek schools that had suffered severely during the inter-necine strife. Again, in 1882, Chief Porter was compelled to take up arms, this time to settle a dispute between his own people. As general of the Creek national army he ended the war speedily and for all time in establishing himself more firmly in the affection and estoem of his people, who, in 1890, elected him their chief. As leader of his people, Gen. Porter has ruled with

visdom and judgment. He has always been a true friend to his people and a faithful ally of the United States government. At the age of 32 he married the daughter of Chief Justice Reilly Keys. She died, leaving him three little children. Another little one was left him by his second wife, who died when the child was but years old. Today, at the age of 63, he is as hale and hearty, as pleasant and cheerful as ever. Gen. Porter was re-elected principal chief of the Creeks recently. He is not a fullblood Indian. Kansas City Journal.

Juvenile Politics.

Many schools have been organized as chool cities in various parts of the United States but, so far, only one city -the City of Brotherly Love-has taken up the work officially and systematically. In 1898, the first school city was organized in Philadelphia. Between New Year's Day and the sum-mer vacation of 1903, twenty-one adlitional school cities were organized in the public schools, and I hope to have the privilege and pleasure of organbring, or helping the principals to thus organize the children of every other chool in that city.

This method ought to be rapidly extended in the schools of the United States and elsewhere. The only check to it is lack of money to employ har-vestors, for the field is ripe and the people in many cities, smarting under nunicipal misrule which is largely the result of the apathy on the part of educated people for their politica luties, will gladly welcome those who are competent to introduce the meth ods into the schools.-From "The Mchool City," in Four Track News

Positive and Negative Pleasure. Wife-I wish we had a nice large untry place where I could give a gar-

"Didn't you find your new flat den party. Husband-Just for the pleasure of

tight squeeze?" "Yes; we've squeezed out a lot of company already." — Detroit Free inviting some of your friends, ch? Well, yes, and the pleasure of not inviting some.-Modern Society. Press.



TWO quarts each a D. C. Fagaamistra, Ro Sold by the Leading Druggin POBTLAND SEED CO., Portland, Or. SALZERS FARM SEED NOVELTIES alzer's National Gats. olific Oats on ear you. Try II, sir. and be convince A Few Sworn to Yields. zer's Beardlene Barley, 121 be, per A. ter's Hemshultder tort, 304 km, per A. ter's Hemshultder tort, 304 km, per A. ter's For Kational Oaks, Bild ba, per A. ter's Polators, 756 bu, per A. ter's Polators, 756 bu, per A. ter's Polators, 756 bu, per A. grosstock, tredright up to big gis Salzer's Speltz (Emmer). Salzer's Million Dollar Grass it taiked of grass on sarth. Editors and legs Professors and Astronitrus Lectures as it without start; yields 14 tons of field and lots of pasture besizes, per sure. Salzer's Teosinte. Juley Grasses and Clovers UMN A P. N. U. WHEN writing to advertisors please

