SCIENTIFEC AND INDUSTRIAL.

The astronomers on Mount Wilson, Cal., report a snowstorm on the planet

An analysis of the steel made in Chattanooga, Tenn., showed it to be of good quality. A surface of only two square yards

sustains a blow from a heavy Atlantic breaker equal to fifty-four tons. The State Geologist of New Jersey de-

clares that the State is sinking at the rate of at least two feet in a century. A plant has been established at Portage, Ohio, for manufacturing a substitute for lumber from rice straw, an

abundant and burdensome product. Charles D. Young, a Denver (Col.) boy of fifteen, has just built the smallest coal-burning locomotive in existence. It is about five feet long and weighs 235

The submarine boat, introduced into Italy recently, which is spherical in shape has thus far given greater promise of auccess than anything that has been experimented with.

Miss Flora Grace, of Iowa, is the inventor of a cooking thermometer which marks the boiling point for meet, the gently simmering altitude and the varying baking points for meats, bread, cake and pies.

A recent contract provides for street lighting in Paris on a novel plan. Power is distributed by the compressed air system to a great number or small motors, each of which supplies current for a small number of lamps.

Orushed steel-made by crushing in a stamp-mill high-carbon steel quenched in cold water from an excessively high temperature is being used for cutting stone. It is very hard, and cheaper and more effective than emery.

Incandescent .lamps placed near the ceiling will cause it to blacken, contrary to general belief. The blackening is not due to unconsumed carbon, but to a current of hot air which deposits black particles on contact with a cold surface.

The aerophor is a new invention from Germany of great -importance in extile factories, and is being introduced into the factories of England as well as Germany. It is an apparatus to diffuse moisture necessary for spinning without injury to health or machinery.

Tests of aluminium bronze have been Government. The tensile strength was tricity. shown to be over 90,000 pounds to the square inch, and the transverse strength £6,000 pounds on a one inch square

The projected new way up the Matternora, in Switzerland, is interesting engineers. The rails will cease at the base of the "sugarloaf" and the ascent is to be tors from one point to another. It is coffee, supposed that the work of construction will occupy about four years.

An important innovation has been introduced in the shape of a machine for preparing molds for casting. The machine is designed to produce a complete mold at one operation, and thus to replace skilled hand labor in making molds from pattern plates. It is claimed that a lad can operate the machine with the assistance of a laborer, and is able to ram and mold as many as 1000 boxes per

By means of an electric wire at Do mene, France, the power of a waterfall is transmitted three and a quarter miles from its source, to a paper mill, and there utilized to the extent of two huadred horse-power. In the winter, when the deep snow for about two months prevents any but electric communication between the generating works and the mill, the power is sent as usual, and the machinery of the paper mill is kept in

Sowing Clover Seed Too Early. More clover seed is wasted by delaying sowing too long than by-seeding early. It must sink into the soil by melting snows or rains washing over it a little of the loose dust pulverized on the surface of all bare fields by winter freezing and thawing. Still the seed may sometimes be sown too carly. We have known clover seed sown in February, and come out all right, while in a milder winter it might germinate and be destroyed by late frosts. When the clover plant has only its second leaf it has very 66 little root, and this has only slight foothold in the soil. Destroy this leaf and the life of the plant is quickly ended. Therefore clover seeding should be late enough to insure freedom from frost after the seed germinates. - Rural Home.

Irrigating Fruit Farms. In the localities where fruit growers always'depend on irrigation, fruit failuresure generally unknown. This suggosts whether water liberally applied may not be the most profitable investment for orchards. A few barrels of water applied to the soil around each tree, to the distance of twelve or fifteen feet on each side, will be especially valuable at two seasons. One is now, in Winter, wherever Winter hogun with little rainfall. The other is during the bearing season, when it is needed to insure perfection of fruit and the formation of fruit buds for the ensuing year.

Stock and Dairy Notes. A change of food is always sensible at short intervals. Give the cow bran mush or a mess of oatmenl slop twice a week. It will help the digestion

No one should cast injurious reflections upon the fancy dairymen. We owe much to them, their successes are examples for us, and their mistakes or failures are valuable lessons by which we may guide our practices.

and the appetite.

A perfect sapphire is one of the rares gems, and consequently when found commands a very high price. It is curious that a test of its perfection is that if shall show red in a strong, artificia

The Ladies Delighted.

The pleasant effect and the perfect safety with which ladies may use the liquid fruit laxative, Syrup of Figs, under all conditions make it their favorite remedy. It is pleasing to the e e and to the taste, gentle, yet effectual in acting on the kidneys, liver and bowels,

A Parislan camerist has devised a method of taking panoramic views by causing the camera to revolve on an axis so that the sensitive paper may "take in" the horizon.

Who is Mrs. Winslow?

As this question is frequently asked, we will simply say that she is a lady who for over fifty years has untiringly devoted her time and talents as a female physician and nurse, principally among children. She has especially studied the constitution and wants of this numerous class, and, as a result of this effort and practical knowledge, obtained in a lifetime sp nt as a nurse and physician, she has compounded a Soothing Syrup for children teething. It operates like imagic—giving rest and health, and is morever, sure to regulate the bowels. In consequence of this article, Mrs. Winslow is becoming world-renowned as a benefactor of her race; children certainly do Risk up and bless her; especially is this the case in this city. Vast quantities of the Soothing Syrup are DAILY sold and used here. We think Mrs. Winslow has immortalized her name by this invaluab e article and we sincerely believe thousands of children have been saved from an early grave by its timely use, and that millions yet unborn will share its benefits and unite in callin her blessed. No MOTHER has discharged her duty to her suffering little one, in our opinion, until she has given it the benefit of Mrs. Winslow's Soothing Syrup—Ladies' Visitor. Who is Mrs. Winslow?

Thunder storms are gradually decreasing in number in the larger towns of Natal, South Africa, according to the Superintendent of the Natal Observa-

How's This?

We offer One Hundred Dollars reward for any case of catarrh that cannot be cured by taking Hall's Catarrh Cure.

W. 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 their firm.

WEST & TRUAX, Wholesale Druggists, Toledo, Ohio.

WALDING, KINNAN & MARVIN, Wholesale Druggists, Toledo, O.

Hall's Catarrh Cure is taken internally acting directly upon the blood and mucous surfaces of the system. Testimonials sent free. Price 75c, per bottle. Sold by all druggists.

An attempt to produce artificial rain is to be made in Kansas. Balloons commenced at the Watertown Arsenal, filled with hydrogen and oxygen gas Massachusetts, under the auspices of the | will be sent up and exploded by elec-

> Every ingredient employed in producing Hood's Sarsaparilla is strictly pure, and is the best of its kind it is possible to buy. In the course of preparing Hood's Sarsaparilla every-thing is carefully watched with a view to attaining the best result.

It is stated that coffee is a germicide the bacilli of cholora and typhus having accomplished by a succession of eleva- been destroyed by the infusion of

RUPTURE. Feb. 9th, '91—Some people do be cured, I know it can as I was badly ruptured for 29 years and Dr. J. B. Mayer, 831 Arch St., Philadelphia, entirely cured me 5 years ago. M. B. Harting, New Ringgold, Pa. Dr. Mayer also gives treatment at the Hotel Penn, Reading, Pa., on the 2nd Saturday of each mouth

Of 305 weather forecasts issued in South Australia in 1890, 250 were verified and forty were partially verified.

"One Bottle Cared Him."

STRE, PA., Feb. 5, 1890. I recommend your Florap exion as an inval-uable remedy to all persons afflicted with that terrible disease, dyspepsia. D. M. O'BRIEN. Floraplezion is the speedy and permanent cure for Sick Headache. Indigestion, Dyspep sia, Biliousness, Liver Complaint, Nervous De-bility and Consumption. It is the only sure cure for these complaints. Ask your druggist cure for these complaints. Ask your druggist for it, and get well.

The maximum safe velocity of cast fron fly wheels should not exceed a r.m. speed of eighty feet per second."

Cann's Kidney Cure for Dropsy, Gravel, Diabetes, Bright's, Heart, Urinary or Liver Diseases, Nervousness, &c. Cure guaranteed. 831 Arch Street, Philad'a. \$1 a bottle, 6 for \$5, or druggist. 1000 certificates of cures. Try it.

A wool of good quality is said to have been made from the fibre of the ur by

the aid of electricity.

extensive use in France.

The Hon. J. W. Fennimore is the at Dover, the County Seat and Cap- to-day, and \_\_\_\_ ital of the State. The sheriff is a gentleman fifty-nine years of age, and this is what he says: "I have "used your August Flower for several years in my family and for my own use, and found it does me more good than any other remedy. 'I have been troubled with what I call Sick Headache. A pain comes them, dear, now that you are engaged in the back part of my head first, to Tom." "and then soon a general headache until I become sick and vomit. "At times, too, I have a fullness " after eating, a pressure after eating "at the pit of the stomach, and "sourness, when food seemed to rise "up in my throat and mouth. When "little August Flower it relieves

"pepsia, &c." G. G. GREEN, Sole Manufacturer,

"others as a great remedy for Dys-



Stamped out -blood-poisons of every name and nature, by Dr. Pierce's Golden Medical Discovery.

It's a medicine that starts from the beginning. It rouses every organ into healthy action, purifies and enriches the blood, and through it cleanses and renews the whole system. All Blood, Skin, and Scalp Diseases, from a common blotch or eruption to the worst Scrofula, are cured by it. For Tetter, Saltrheum, Eczema, Erysipelas, Boils, Carbuncles, Sore Eyes, Goitre or Thick Neck, and Enlarged Glands, Tumors, and Swellings, it's an unequaled remedy.

Don't think it's like the sarsaparillas. They claim to be good for the blood in March, April, and May. "Golden Medical Discovery" works equally well at all seasons. And it not only claims to do good-it guarantees it. If it doesn't benefit or cure, in every case, you have your money back.

You pay only for the good you

Should Have It in The House. Dropped on Sugar, Children Love to take Johnson's Anodyne Linners for Croup, Colds, Sore Throat, Tonsilitis, Colic, Cramps and Fains. Revenumer Complaints, Cuts, Bruises like magic.

In use over 40 YEARS in one family.

Dr. I. S. Johnson & Co.—It is sixty years since I first learned of your Johnson's Anonyme Linkness; for sore than forty sears I have used it in my family. I regard it as one of the best and safest family remedies that can be found, used internal or external, in all cases. O. H. INOALLS, leason and Haptist Church, Bangor, Me.

Every Sufferer from Rheumatism, Science, Supplied on the Communication of the Communi

JUDGING FROM APPEARANCES .- "IS t at tall, slim fellow over there a Rus-"He looks more like a Pole.

A SOFT SNAP .- She-"Now, my poor fellow, move up to the table and help yourselt .!

He-"M we the table over to me mum. I am't use I to over exertin' myself.

UNSELFISH MAN. - She-"It's a bull.

and he's coming right at us! What shall He - "Well, don't stand there doing nothing! Come and help me to climb this tree!"

A SCIENTIFIC VIEW .- "Why are you so anxious to have every one cultivate "Because," sai the scientific gardener, "1 am convinced that is the only

way to exterminate them." CELES TIAL REPARTEE .- "You look rather pale." said the World to the Moon. "Getting old and feeble, eh?" "I can go all round you just the

NOT AT HOM .- Caller-"Is Miss Sweete at home?"

same," raplied the moon.

Servant-"No, sir." Caller-'Please tell her I called Don't forget will you?"

Servant—"No, sir; I'll go and tell
her this niqute."

FITS: All Fits stopped free by Dr. Kline's Grea Nerve Restorer. No Fits after first day's use. Mar-velous cures. Treatised and \$1.00 trial pottie free to Fit cases. Sendto Dr. Kline, St. Arch St. Phila., Pa.

"I leave it with you, sir," said the

waiter, politely: "Thanks; I can make good use of it." And the waited was tipless.

A KEEN-MINDED SUITOR .- "Why do you send Ethel such handsome presents? Candy and flowers are enough," 'That's all right. She eats the candy and the flowers fade. When we get married I get the diamonds back."

AND HE GOT AWAY, -Pertman-"The age of miracles is past."
Van Leer—"I don't know about that. Sheriff of Kent Co., Del., and lives I encountered a deaf and dumb beggar Pertman-"And he spoke. That's

Van Leer—"No, sir; he couldn't speak. That's new."

An undercur.-Jenny (at the window)-"There goes Clara and Tenie. I don't like those girls." Kitty-"But you must learn to like

Jenny-"What has that to do with my liking or disliking him?" Kitty-'They have both agreed to be sisters to him.

The greatest novelty in dolls has now been invented at Nuremburg, the "I feel this coming on if I take a great German town for dolls and playthings. A machine in the dolls causes it to move its hand and write neat little " me, and is the best remedy I have letters on a slate or on paper. Whole "ever taken for it. For this reason sentences can be written, to the great "I take it and recommend it to amusement of children.

The grave dug to receive the body of William P. Weidner, of Lehigh County, Pennsylvania, was eleven feet long and Woodbury, New Jersey, U. S. A. nine feet wide,

HUMOROUS.

Crow bars -Shotguns.

Loose habits—Night robes.

Risen from the ranks - Malaria.

Take things easy-Sneek thieves.

Serves us right-The hotel waiter.

Come high, but we must have them-Banker Wales is reported seriously

Never attempt to sit down in a chair

that isn't there.

The work of a woodchopper is known by his axe

Poems on "Washday" should be called clothes lines.

A bald headed man's hair is like a fool and his meney.

Magistrates have a great many fine opportunities in life.

The man who stole the chicken made a clean breast of it.

A tunnel must be completed before it can be called under way.

The time not to call-When the other fellow holds four aces. Milwaukee is said to be more dirty

and healthy than before. YE SUMMER GRIL .- "That damse! over yonder has quite a mf tary air." "Eminently proper, She participated in no less than fifteen engagements last

DRIVEN FORTH - "So you've rented in office, eh? I though you did all your work at home?" "Well, I did; but my wife bought a canary-bird."

summer."

A BASE JOKE .- "How's that, umpire?" asked the pitcher, as the ball lew over the fence and scattered the eackling hens in the farm yard. "Fowl bawl!" replied the umpire: and the enemy stole a base before the pitcher could catch his breathe again.

I Lost

My confidence, was all run down and unable to work—in an extreme condition of general de-bility when I was told that Hood's Sarsaparilla was just what I needed. As a drowning man grasps at a straw I decided to try this medicine, and to my great surprise, from the first day I began to improve. By the time I had finished my second bottle I had regained my health and strength, and from that day I can say I have een perfectly well. I have recommended Hood's Sarsaparilla to my friends, whom I know have been benefited by it. It is indeed eculiar to itself, in that

Hood's Sarsaparilla not only helps, but it cures." H. J. PIDCOCK, 42 Delevan Street, Lambertville, N. J.

Tuff's Pills

HOME STUDY, BOOK-KEEPING, HUMB forms, Penmanship, Arithmeti, Short-hand, etc., Thoroughly Taught by MAIL. Circulars free. Bryant's College, 457 Main St., Buffalo, N. Y.

SICK WEAK, NERVOUS, WRETCHED mortals get well and keep well. Health Helper tells how. 50 cts. a year. Sample copy res. Dr. J. II. DYE, Editor, Buffalo, N. Y.

HARD WORK TOO .- "What are you doing for a living these days, Goslin?" asked Dolley.
". bweathe," replied Goslin with a

weary sigh. GETTING EVEN .- "He is not a beau

of yours is he?" "He calls on me oftener than on you." 'Yes; I told him the days you were ot at home."

NOT CHANGEABLE-"She refuse i on then?'

"She did." "I wouldn't give her up for all that,

would propose again." "No, I won't, at least not for a week r so. She isn't one who changes her mind quickly."

CIVEN AWAY! AFINE CRAYON PORTRAIT if you have it framed at our stores. We make a six-inch Oxodized and gilt rame, \$3.50; 6 inch fancy hard wood, \$4.50; 5 inch florentine gilt, \$4.50; 7-inch gold and lacquer 7.00, sizes 16x20 inside including a free crayon, shipped C. O. D. subject to examination before ou pay. Mail us Photo, or Tin-type to draw from, which will be returned with order. We are stablished 13 years, and to extend our business and introduce our superior Portraits and new rames; they are all popular. Pfoiffor's Art Stores, 109 & 111
N. Ninth St., Phila.



How many people there are who regard the coming of winter as a con-

stant state of siege. It seems as if the elements sat down outside the walls of health and now and again, led by the north wind and his attendant blasts, broke over the ramparts, spreading colds, pneumonia and death. Who knows when the next storm may come and what its effects upon your constitution may be? The fortifications of health must be made strong. SCOTT'S EMULSION of pure Norwegian Cod Liver Oil and Hypophosphites of Lime and Soda will aid you to hold out against Coughs, Colds, Consumption, Scrofula, General Debility, and all Anamic and Wasting Diseases, until the siege is raised. It prevenes wasting in children. Palatable as Milk.

SPECIAL .- Scott's Emulsion is non-secret, and is prescribed by the Medica. fession all over the world, because its ingredients are scientifically combined in such a manner as to greatly increase their remedir, value,

CAUTION .- Scott's Emulsion is ; ut up in salmon-colore" wrappers. Be sure and get the genuine. Prepared only ! , Scott & Bowne, Manufr , aring Chemists, New York. Sold by all Druggists.

The greatest burdens are not the gain-fullest byusing SAPOLIO\* It is a solid cake of scouring soap Jused for cleaning purposes ...

What would you give for a Friend

who would take half your hard work off your shoulders and do it without a murmur? What would you give to And an assistant in your housework that would keep your floors and walls clean, and your kitchen bright, and yet never grow ugly over the matter of hard work? Sapolio is just such a friend and can be bought at all grocers.

PISO'S CURE FOR Best Cough Medicine. Recommended by Physicians. Cures where all else fails. Pleasant and agreeable to the taste. Children take it without objection. By druggists. CONSUMPTION



A SAVIOR OF HER SEX. WHEN pain becomes a constant companion; when there is no repose for the sufferer, by day of night; when life itself seems to be a calamity; and when all this is reversed by a woman, has she not won the above title?

LYDIA E. PINKHAM'S Vegetable cures all those peculiar weaknesses and allments of women, all organic diseases of the Uterus or Womb, and Ovarian Troubles, Bearingdown Sensations, Debility, Nervous Prostration, etc. Every Druggist sells it, or sent by mail, in form of Pills or Lozenges, on receipt of \$1.00.

\*\*Rrs. Pinkham's book, "Guide to Health and Etiquette," beautifully fliustrated, sent on receipt of we 2e, stamps.

INTERNALLY-A half to a teaspoonful in half a tumbler of water will in a few cure CH : LERA MORBUS, CRAMPS SOUR STOMACH, NAUSEA, VOMITING, HEARTBURN, DIABRHEA, Dysentery, Summer Complaint, Colic, Flatulency, Fainting Spells, Nervousness, Sieeplessness, Sick Headache, and all internal pains.

Malaria in its various forms cured and prevented.

There is not a remedial agent in the world that will cure Fever and Ague and all other fevers aided by RADWAY'S PILLS so quickly as RADWAY'S READY RELIEF.

ACHES AND PAINS. For headaches (whether sick or nervous), toothache, neuralgia, nervousness and sleep-lessness, rheumatism, lumbago, pains and weaklessness, rheumatism, himbago, paims and wear ness in fine back, spine or kidneys, paims around the liver, pleurisy, swelling of the joints and pains of all kinds, the application of Radway's Ready Relief will afford immediate ease, and its continued use for a few days effect a per-

50c. Per Bottle. Sold by Druggists. DADWAY'S

An Excellent and Mild Cathartic. Purely vegetable. The safest and best medicine in the world for the cure of all disorders of the Liver, Stomach or Bowels. Taken according to directions they will restore health and renew vitality.

Price, 25c. abox. Sold by all druggists, or mailed by RADWAY & CO., 32 Warren Street, New York, on receipt of price.

Ask my agents for W. L. Douglas Sheen, f not for sale in your place ask your ealer to send for catalogue, secure the gency, and get them for you.

TAKE NO SUBSTITUTE.



**DOUGLAS** \$3 SHOE GENFLEMEN It is a seamless shoe, with no tacks of wax to hurt the feet; made of the best fine call, and easy, and because we make more shoes shoe ever offered for \$5.00; equals French imported shoes which cost from \$8.00 to \$12.00.

4.00 Hund-Ne wed Welt Shoe, fine call, stylish, comfortable and durable. The best shoe ever offered at this price; same grade as cost toom-made shoes costing from \$6.00 to \$6.00.

5.00 Felice Shoe; Farmers, Railroad Meet and Letter Carriers all wear them; fine call, scamless, smooth inside, heavy thue soles, extension edge. One pair will wear a year.

5.00 fine call; no better shoe ever offered at this price; one trial will convince those who want a shoe for comfort and service. who wants shee for comfort and service.

25 and 82.00 Workingman's sheet

as are very strong and durable. Those who have given them a trial will went no other make.

Boys' \$2.00 and \$1.75 achool shoes are
worn by the boys everywhere: they sail ca their merita, as the increasing sales above.

Ladies \$3.00 Hand-sewed shoe, been imported shoes costing from \$4.00 to \$5.00.

Ladies \$2.50, \$2.00 and \$1.75 shoe for Missos are the best ine Dongois. Stylish and durable.

Cautien.—See that W. L. Dongias' name and price are stamped on the bottom of each shoe.

W. L. DOUGLAS. Brockton, Mass.

IDNES, SCAFES THE BEST -FULLY WARRANTEDO -5 TON SCALES \$ 60 FREIGHT PAR JONES OF BINGHAMTON, NY

EWIS' 98 % LYE Powdered and Perfumed. (PATENTED.) Strongest and purest Lye made Makes the best perfumed Hard Soap in 20 minutes without boil ing. It is the best for softening water, cleansing waste pipes, disinfecting sinks, closets, wash-ing bottles, paints, trees, etc. PENNA. SALT MFG. CO., Gen. Agents, Phila., Pa

FOR FIFTY YEARS! MRS. WINSLOW'S SOOTHINGSYRUP pain, cures wind colle, and is the edy for diarrhosa. Twenty-five Cents a Bottle.

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