

A coal gas explosion cannot occur until there are six parts of gas in every 100 of the air in the room; but four per cent. of coal gas will cause suffocation.

The meteorite which fell at Porto Alegre, Brazil, has now been measured Prof. Starr, of the University of Chiand the results are most astonishing. Ti measures 5 feet from the base and is 85 feet high.

The manufacture of carbon for use in electric lighting and for other purposes has grown to be a great industry in the West Virginia gas belt. The processes require great heat.

Lyman B. Goff, a manufacturer of Pawtucket, R. I., has organized a "Boys' Club" which has a nightly attendance of 300, and he has decided to provide it with permanent quarters at a cost of \$72,000.

A process for rerolling steel rails for several years. Worn-out rails are reheated and rerolled, and are stated to be superior for wear in that form to the rails when first made. The industry has grown rapidly.

In Russia oil holds absolute sway, And from Baku to Nishni Novgorod petroleum finds favor on railways and steamships alike. For 2,000 miles married." along the Volga boats ply from north to south propelled by means of oil, of which 8.000,000 tons is used in Russia alone.

In the operation of dredging navigable channels at the mouth of the Moruya and Shoalhaven rivers, in New South Wales, it was discovered that the mud contained gold dust. An automatic gold saver was then attached to the dumping machinery, and it is estimated that enough gold will thus be obtained to defray the expenses of of paint and artist's brnsher. keeping the channels open.

According to Prof. Spalding, the white pine tree seldom attains a height greater than 160 feet or a diameter of more than 40 inches. A tree of this variety once measured by the division thick. That tree was 460 years old. & Falk. It was a little sapling 50 years before Columbus sailed from Palos.

TRICKS WITH FLOWERS.

Color Schemes Unknown in the Floral World Produced by the Use of Chemicals.

The chemical expert has by no means a monopoly of pretty experiments evolving marvelous color schemes hitherto unknown in the floral world. One artist suggests a simple and interesting experiment which is especially successful with pansies, and which a child may easily perform.

A saucer, a little ammonia, a flower

long enough to induce them to get aarried will be rewarded in the near future with matrimonial dowries by the mikado's government if the plans of leading Japanese statesmen prove as successful as expected, according to Secretary Yomma, of the Japanese consulate in Chicago, reports the Chroniele. What led the secretary to make the

announcement as to the prospective husband bounty bill was the published account of the lecture in which cago, made the sensational statement before his class in anthropology that the marvelous advance of the Japanese in the learning and civilization of the western countries had proved too rapid and was making them the victims of an epidemic of brain fever that threatened their extinction as a nation.

"Statistics show that students in Japan are affected more by eye troubles from overstudy than by brain fever." said Secretary Yomma. "It is true that our young men are very studious, but our young women are has been in usage in the United States not expected to be scholars. They are encouraged in the cultivation of feminine graces and charms, and it is becoming a fad with some of our statesmen to advocate a liberal marriage bounty for the maiden who proves herself sufficiently fascinating to cause a young man at college to forsake his books long enough to get

> ------**BUSINESS LOCALS** ********** Pictures enlarged at the Wilson photo-

graph gallery. dec4 1m Clark & Falk are never closed Sunday,

Don't forget this. Clarke & Falk have on sale a full line

Go to the Wilson gallery for excellent photos at reasonable prices. dec4-1m infallible medicine for Coughs, Colds, If you can't come during the week, yon can have a sitting Sunday by seeing Gifford. n19

For Rent-A furnished cottage of four rooms on West Sixth and Lincoln streets. Apply on the premises. d12-1w The prices on ladies' and children's knit goods are surprisingly low at the New York Cash Store. d13tf

Christmas will soon be here and you haven't had that negative made yet. See Gifford right away quick. n19 Children's knit leggins, mittens and trouss-a full line at lowest prices at the New York Cash Store. dl3tf

If anything alle your hair, go and see Frazer; he's the headquarters for all hair remedies. Remember that he makes a specialty of these goods.





Complete

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San coal

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MAT A. VOOT.

schange sold us

or two, and a glass tumbler are all the implements needed to enable one to present a bunch of exquisite green pansies to the uninitiated. Such a gift | skirte. is sure to awaken much enthusiasm and test the ability of the recipient to take a joke, says a New York exchange.

The viola tribe is easily influenced by the application of chemicals to the soil or by atmospheric conditions, and hence is particularly susceptible to the fumes of ammonia. A little of the liquid poured into a saucer, with a bit of paper laid over it, on which to rest the flowers, acts very quickly on the chlorophyll, or coloring matter, when the fumes the confined by a tumbler. The reason is this: Chlorophyll is in its nature acid. The fumes of ammonia, on the other hand, are alkaline, an excess of which first neutralizes the acid present in the fresh flower, and then changes it to an alkali. The effect of the alkali varies, of course, according to the predominating color of the subject.

Repeated experiments show a marked tendency toward green, simply because purple and blue are standard colors among violas and are thus affected. A few interesting color changes are: Shaded purple with white edge is converted into green, with blue veinings and yellow border; maroon striped, dark green and blue; pale blue becomes pale green; white always takes on a yellow tint, and a pretty cerise comes out in vivid blue. Yellow is unaffected.

Sweet peas are also fertile subjects. and pungent fumes develop the unexpected with a rapidity that an expert hybridizer might envy. Some wonderful symphonies in green are evolved from pink and lavender creations.

Ammonia cannot be said to improve nasturtiums, but surely produces curious freaks. Yellow blotched red becomes yellow blotched bronze green, and a purely flame red a spotted dark green.

There is, of course, no permanency in colors thus enforced. The most wonderful symphonies will hold their own for a time, but if placed in water in the open air they will return to normal coloring in a few hours.

PLANS & HUSBAND BOUNTY.

Japanese Government Proposes to Reward Girls Who Marry College Stadeuts.

Maidens of Japan who succeed in Interesting young Japanese students

Have you seen those knit goods at the New York Cash Store? Fascinstors. ice-woole, circular shawle, mittens and d13tf

Those artists' proofs. My! but they are fine! One dozen will make just twelve fine Christmas presents. Gifford is the man that makes them. n19

Clark and Falk have just received a full line of fresh Velox papers and de-velopers, the same as nised by Mr. Lovick in his recent demonstration at our store.

The Elite barber shop is running four chairs thus ensuring patrons a speedy and satisfactory service. All tools sterilized and only steam laundried towels used. n18 1m

Christmas sale of millinery at the Campbell & Wilson millinery palore. One-third off regular price of entire stock. Sale will continue until first of January. 25n-tf

Why pay \$1.75 per gallon for inferior paints when you can buy James E. Patton's sun proof paints for \$1.50 per gallon, guaranteed for 5 years. Clark & Falk, agents. mI

the supply is limited, and your picture numerous to mention, can be had all the in one of them is just the thing for time at Carnaby's American Market.

Experience is the best Teacher. Use Acker's English Remedy in any case of coughe, colds or croup. Should it fail to give immediate relief money refunded 25 cte. and 50 cts. Blakeley, the drug-I did so and in four days I was able to gists.

We offer for a limited period the twice-a-week CHRONICLE, price \$1.50, and the Weekly Oregonian, price \$1.50, both papers for \$2 a year. Subscriptions under this offer must be paid in advance.

Mre. E. Carey lately returned from Portland where she selected a magni-ficent variety of holiday goods which are now on exhibition at her millinery are now on exhibition at her minutes, store in the East End. They have been marked at the lowest living prices. Call and see before buying else-dll-1w

When your hair appears dry and to have lost its vitality it wants comething to give it life and vigor. We have what the hair needs when it gets in that con-dition. We have the Grown of Science H a ir from Grower and Cocpanut Cream from Grower and tonic. They will cure dand from the Frazer's bar-ber shop. Price 50c and 75c a bottle. To Stop a Cold. After expoence or when you fe coming on, take a dose of Foley's taken in time. Clarke & Falk. Foley's Honey and

An elegant line of Xmas cigare at Grants, the only exclusive eight store in the city.

tailed to cure ulcers, sores, tetter. eczema, or piles, as a matter of curiosity would like to know if there are such cases. If so they will gladly refund the

the best ealve on the market." Sure

cure for piles, sores, burne. Beware of

counterfeite. Clarke & Falk's P. O.

Information Wanted.

The manufacturers of Banner Salve

medicine can cure in every case, but

never having heard where Banner Salve

having always believed that no doctor or To any part of the city. Will

Pharmacy.

d4-1m

the money. Clarke & Falk.

\$25 REWARD.

We will pay \$25 reward for the arrest and conviction of any person treepassing upon the football park, molesting or destroying the fence. Small boys who have been digging holes under the fence are liable to arrest and are included in the above.

> BELDEN H. GRANT, L. A. PORTER, E. Kurtz, OTIS PATTERSON.

Sick Headache absolutely and permanently cared by using Moki Tes. A pleasant herb drink. Cures constipation and indigestion, makes you eat, sleep and happy. Satisfaction guaranteed or money back. 25 cts. and 50 cts. Blakeley, the druggist.

Fine turkeys, fattened especially for the Carnaby Market, Hinzes' sweet pickles in bulk, buik olives, sweet cider, You saw those fine portrait frame at apple butter, pickled tripe, pigs feet, the carnival? They are going very fast; sauerkraut, and other specialties too

> Chas. Replogie, Atwater, O., was in very bad shape. He says: "I suffered

> I did so and in four days I was able to go to work again, now I am entirely

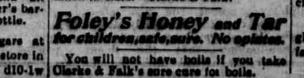
well." Clarke & Falk. Single-Comb Brown Leghorns. A few theroughbred, single-comb brown Leghorn cockerels and pullets for sale, if taken at once.

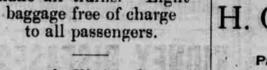
JAS. IRELAND. The Dalles, Or. n23-1m

Aritto is the paper used to make those guaranteed Platino carbons, at Wilder's Curio, Novelty and 'Photo Studio. It will pay you to visit the studio before Christmas. No trouble to show goods. d9-1w

To Stop & Cold.

After exposure or when you feel a cold coming on, take a dose of Foley's Honey and Tar. It never fails to stop a cold if





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Health and Beauty.

Apoor complexion is usually the result of a torpid liver or irregular action of the bowels. Unless nature's refuse is carried off it will surely cause impure blood. Pimples, boils and other eruptions follow. This is nature's method of throwing off the poisons which the bowels failed to remove. DeWitt's Little Early Rivers are world famous for remedying this condition. They stimulate the liver and promote regular and healthy action of the bowels but never cause griping, cramps or distress. Sale pills. Clarke & Falk's P. O. Pharmacy.

To Whom It May Concern.

At a meeting of The Dalles City connell held on Monday night Dec. 9, 1901, it was moved and carried unanimonely: "That the city marshal be ordered to collect a monthly rental on and after January 1, 1902, from all parties in Dalles City who shall then own houses or other obstructions that have not been removed from the public streets of the elty d10.1d

Try Van Norden's for a perfect fit in sincese, old or young, near sighted or far sighted. dec 2 dec 2 Gifford's Fotos Never Fade.

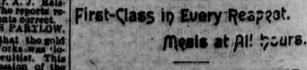


The first registered as well as the first yradu-te paimist ever in Fortland. The morid-sy catest Trance Clairvoyant and Herbalist cam be consulted dails on all affairs of the. Prof. de Morrison is without a doubt the most today: he loostes hidden tressure, reupites the separated. tells if there is mineral. of . of yas on your fand, enables you to win the sfleerion of one yeu desire. Prof. Heala by the measof his revealed heibel tasse. Free reatment for the paor. Band \$1, date of birth and three questions; all retere answered at thee. Collections made and proceeds pr remitted on day of collection Sight and Telegraphic Exchange

Located by Vision.

Lucated by Vision. Porti-ud, Aug 10. (To he Editor).--Homer de Mortison, occulitst incated by vision the bul lion stolen from the betby smalling Works. In behalf of occult science he into adjustely com-municated by letter the facts to Mir.A. J. Bals-ton, owner of the Belby Works. The reports re-ceived last night prove his statements correct. MIRS, FANCIS PARTLOW. "It is pleasing to be assured that the sold stolen from the belby Smelting Works. Was to cated by vision by a Portland cocultist. This proves that the story of the confession of the thief and that his previews regulted in re-but the planet was a base online the provents.

the gold was a base California



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The table always expplied with the

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Foley's Honey and Ta