### SCIENTIFIC MISCELLANY.

THE UNIVERSAL SOLVENT. Three things were sought by the ancient alchemist-the philosopher's stone, the elixir of life and the universal solvent. The last of these, though long known to modern chemistry, has just been separated, but cannot be retained simply because it attacks or destroys everything. "This fury of the chemical world," says Mr. Matthieu Williams, "is the element fluorine; it exists peacefully in company with calcium in fluor spar and also in a few other compounds, but when isolated, as it recently has been by M. Henri Moissan, is a rabid gas that nothing can resist. It combines with all the metals, explosive-the state of Oregon's hereby called to meet at Pendleton, Umatilla combined with some other non-mecium, magnesium and aluminium, the metals become heated even to redness by the fervor of its embrace. business as may properly come be-Iron filings, slightly warmed, burst fore the convention. into brilliant scintillations when exposed to it, manganese the same. by contact with this gas, which, presentation: combining with its hydrogen, at the same moment forms the acrid glass-dissolving hydro-fluoric acid, and liberates ozone."

WIND-MADE SOIL.

Water is not the only physical agent concerned in carrying the earth's solid materials from place to place, modern investigations proving that the dust carried by the wind produces astonishing changes in the configuration of the land. The thick deposits covering ancient mends that the county conventions ruins are now believed to have been for the election of delegates to the largely brought by the air. A French geographer, M. Violet-d' Aouest, after referring to Richto- 24, 1888. B. Goldsmith, fen's description of a vast aerial Chairman Democratic State Central soil-formation in China, mentions having seen on the flanks of high mountains in Mexico clay strata not deposited by the waters nor by, the decomposition of the rocks, but produced by the dust raised from the plains by the winds and left on the hills. These deposits vary from 100 to 300 feet in thickness, growing finer with increase in height, and ceasing at the limit of vegeta-

THE EGYPTIAN LAKE.

The government of Egypt has been persuaded to make surveys which prove the existence of a depressed region nearly sixty miles long by twenty miles wide, reaching a depth of 250 to 300 feet below high LAFAYETTE, - - - - OREGON. Nile. This depression has for several years been held by Mr. D. Cope Whitehouse to be the site of the wonderful artificial Lake Moeris described by Herodotus—fictitiously many have believed-with a circumference of 450 miles. The interest at last aroused in Egypt makes it probable that the Nile will soon be admitted to this valley by a canal eleven miles long. The creation or restoration of this great artificial lake will give fertility to a wide area, and will reduce the annual inundations of the Nile, while storing water to replenish the river in dry seasons.

NEW ZEALAND SPORT.

New Zealand now contains great numbers of wild cattle, which have descended from those lost by the farmers during the Maori wars which ended in 1868. Hunting these animals is an exciting and dangerous sport. The game is not

easily secured, as the animals hover seemingly for protection-about thickets filled with long twining creepers, in which progression is very difficult. Into these vines they dash at the slightest alarm, seeming fully aware that neither herse nor man can follow them.

The shadow of the total solar eclipse of last August was fifty-six times as bright as the light of the full moon, as estimated by the time required to photograph a landscape.

Dr. W. D. Miller, of Berlin, , has reduced the proportion of lime-salts in the teeth of dogs more than one per cent. by changing the diet of the animals for four months.

Electric slaughtering of cattle has proven successful in St. Petersburg, death being instantaneous.

DEMOCRATIC STATE CONVENTION.

A democratic state convention for county, on Tuesday, April 3, 1888, for the purpose of nominating a tallic element, it tears them from it candidate for member of congress, a and takes them to itself. In unit-candidate for judge of the supreme ing with sodium, potassium, cal-court, six delegates to the national democratic convention, and six alternates; to ratify the various district nominations, and such other

Said convention will be composed of 155 delegates, apportioned to the various counties on the vote cast Even the noble metals, which even for candidate to congress at the at a melting heat proudly resist the election of 1886, being one delegate fascinations of oxygen, succumb to for each county and one for every this chemical siren at moderate 200 and fraction over 100 votes so temperatures. Glass is devoured at once, and water ceases to be water will be entitled to the following re-

	Baker	5 Linn
1	Benton	6 Malheur
	Clackamas	7 Marion
	Clatsop	5 Morrow
	Columbia	3 Multnomah
	Coos	4 Polk
1	Crook	4 Tillamook
1	Curry	2 Umatilla
	Douglas	6 Union
	Gilliam	3 Wasco
	Grant	5 Washington
	Jackson	7 Wallowa
j	Josephine	3 Yamhill
	Klamath	3 -
	Lake	2 Total1
	Lane	7

The committee respectfully recomstate convention, unless otherwise ordered by the local county committee, be held on Saturday, March



## R. P. UNGERMAN.

AS JUST RECEIVED A LARGE as JUST RECEIVED A LARGE AND wellselected atock of Stoves and Tinware, and proposes to sell cheaper than any house in the county. Everything kept on hand, and repairing done satisfactorly, and without-delay.

Sept. 29, t-f.

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### Notice of Final Settlement.

Notice is hereby given that the undersigned Henriett Cox, has filed her final account in the estate of Daniel Cox, deceased, and the time for hearing the same has been set for the 6th day of March. 1888, the same being the next regular term of the county court of said county at which time the heirs and next of kin of said deceased; and all persons interested in said estate are notified and required to appear and file their objections to said account and to set forth their reasons why the same should not be allowed.

HENRIETT (OX, A M Henney, Executive. A M HUBLEY,

Atty for Es ate. Dated February 3, 1888.

#### Notice for Publication.

LAND OFFICE AT OREGON CITY. ]

Oregon, Jan. 3nh, 1889.

Notice is hereby given that the following amed settler has filed notice of his internamed settler has filed notice of his inten-tion to make final proof in support of his claim, and that said proof will be made before the county judge or county clerk, of Tillamook county, af Tillamook, Oregon, on haturday, March 17, 1888, viz: Frank N. Elliott.

Homestead entry No. 6,301 for the w 1, se 1 and se 4 of se 4 and ne 4 of sw 4 sec 22, t 1 s, r

He names the following witnesses to prove his continuous residence upon, and cultivation of, said land, viz:

G W Fearnside, John G Day, Edward Johnson

and Joseph Ha xhurst, all of Tillamook coun-ty, Oregon. W. T. BURNEY.

## Summons.

in the circuit court of the state of Oregon for

In the curent;
Yambill county;
S. C. Fosce, Plaintiff, JANE FORCE, Defendant.

To Jane Force, said defendant In the name of the state of Oregon, you are hereby required to appear and answer the com-plaint filed against you in the above entitled said on or before the first day of the next regular term of this court, which is Mondey, March 26, 1888, and if you tail to answer, for want 26. 1888, and if you tail to answer, for want thereof the plaintiff will apply to the court for a decree dissolving the bonds of matrimony xisting between plaintiff and defendant, and fo the care and costody of Choo Force and Verna Force, mimor children of said parties; and that defendant be decreed to have no interest in the plaintiff's real estate to-wit: Beginning at a point 2 feet east of the southwest corner of lot 7, block 12, of the town of McMinnville, Xam hill county, Oregon, thence east 21; feet, north 100 feet, west 21; neet, south 100 feet to place of beginning, and for such further relief as shall be just.

This summons is published six weeks in the judge of said court, made at chambers, Jaunary 20, 1888 FENTON & FENTON. Attorneys for Plaintiff.

In the circuit court of the state of Oregon for JOHN W. BRIEDWELL, Plaintiff,

GEORGE M. BEELER, Defendant.

To George M. Beeler, defendant above

In the name of the state of Oregon you are named:

In the name of the state of Oregon von are hereby required to appear and answer the complaint filed herein against you in the above entitled cause on or before the 26th day of March, ISSS, that being the first day of the maxive guint term of said court, next after due service of this summons upon you by publication as by law provided, and if you fair so to answer the plaintiff will take judgment against you for the sum of \$60, with interest thereon from May 31, 1885, at ten per cent per annum; for the sum of \$66.75 with interest thereon from October 29 h, 1885, and ten per cent, per annum; and for the sam of \$19.75 with interest thereon from November 4th, 1885, and ten per cent, per annum; and the costs and disbursements of this action, and an order of sale of the real and prisonal property attached in said cause.

This summons is published in the Onegon Registers for six weeks by order of Hou, R. P. Boise, judge of said court, made at chumbers in Select Ones.

Boise, judge of said court, made at chambers in Salem, Oregon, January 24th, A. D., 1888. FENTON & FENTON.

Attorneys for Plaintiff.

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## Notice of Final Settlement.

Notice is hereby given that the undersigned J. B. Layson; administrator of the estate of Wilson Gibson, deceased, has filed his final account of his administration of said estate in the county court of Yambill county. Oregon, and said court has fixed Tuesday, March 6tz, 1888, at the hour of one o'clock in the afternorm of wait day at the county co or room at Lafayette, Oregon, as the time and place for hearing the same.

Same.

Therefore all persons interested in said estate, are hereby notified and required to appear at said time and place and show cause if any here be why said estate be not finally settled Dated this 20th day of January, 1888.

J. B. LAYSON.

Administrator of said Estate.

FENTON & FENTON, Attorneys for Estate.

#### Notice of Final Settlement.

Notice is hereby given that the undersigned J. T. Pouts, administrator of the estate of Oliver Pouts, deceased, has filed his final account of his administration of said estate in the county court of Yamhi'll county, Oregon, and said court has fixed Tuerday, March 6th, 1888, at the hour of one o'clock in the afternoon of said day, at the county court room at Lafayette. Oregon, as the time and place for hearing the same.

Therefore all persons interested in said on

Therefore all persons interested in said es Therefore an persons in the required to appear at said time and place and show cause if any there be why said estate be not finally settled. Dated January 17th, 1888.

J. T; FOUTS,

Administrator of said Estate,

FENTON & FENTON, Attorneys for Estate.

#### Notice for Publication.

LAND OFFICE AT OREGON CITY, Oregon, Jan. 17th, 1888.

Notice is hereby given that the following-named settler has filed notice of his intention to make tinal proof in support of his claim, and that said proof will be made before the county judge or clerk of Yamh II county, Oregon, at adge or clerk of Youth Il county, Oregon, at afayette, Oregon, on Wednesday, March 14th.

I. D. Hancbett, Homestead Entry No. 5637, For the s \(\frac{1}{2}\), n \(\frac{1}{2}\) and the s \(\frac{1}{2}\) of n \(\frac{1}{2}\) and n \(\frac{1}{2}\) of s \(\frac{1}{2}\), \(\frac{1}{2}\) of s \(\frac{1}{2}\), \(\frac{1}{2}\) of n \(\frac{1}{2}\), \(\frac{1}{2}\) and \(\frac{1}{2}\).

He names 'the following witnesses to prove his continuous residence upon, and cultivation of, aic land, viz:

of, sic land, viz: I. Fuqua, Amos Puqua, Francis Mercier and Robert Mulligan, all of Lafsyette, Yambill County, Oregon. W. T. BURNEY,

Caveats, and Trade Marks obtained, and all-Caveats, and Trade Marks obtained, and all-Putent beariness conducted for Moderate Fees. Our office is opposite U. S. Patent office. We have no subragencies, all business direct, herce cast transact raient business is less time and at Less Cost than those remote from Washington. Send model, drawing or whoto, with description. We advise it patenta'le or not, free of charge. Our fee not due this patent is secured. A book, 'How to Outain Patents,' with references to actual cients in you. State, county. ferences to schal elients in your State, county, or town, sent free. Address 14

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The Nine of Bearts. A Novel. By B. L. Parrow,
Deleks witnes, a Novel. By Ptonance Wannes,
A Low Marriage. A Novel. By Miss Mitoes. Thus.
The-Gullty Hiver, A Novel. By Wilsir Collins.
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FRANK O'CONNOR.

Lafayette, Oregon

In the circuit court of the state of Oregon W. T. Booth and Elza Wright, partners under the firm name of Booth & Wright, plaintiffs, as

H. S. S'ephens, defendant.

To H. S. Stepens, defendant:

In the name of the state of Oregon, you are hereby required to appear and answer the complaint filed against you in the above emitted action on or before the 1st day of the next regular term of the circunt court of the state of Oregon, to wit: on the 26th day of March, 1888, and if you fail to answer as above required the plaintiff will apply to the court for judgment against; ou as prayed for in the complaint herem, to-wit; For a judgment against said detendant for the sum of \$110.80 and temper cent. interest thereon from August 11th, 1885, and their costs and disbursements of this action and \$20 autorney's fees.

This summons is published by order of Judge B. P. Boise. To H. S. Stepens, defendant:

A. M. HURLEY, Attorney for Plainftiffs

Summons.

In the circuit court of the state of Oregon

W. M. Wardte, plaintiff,

John Wardie, Randolph M. John Wardie, Handolph M. Wardie, Nancy Wardie, Rosklyne A. Tickner, Henry Tickner, Harriet E Packwood, St. Clare M., Wardie, Debangh A. Wardie, Daisy A. Wardie, Alfouso W. Wardie and Mable E. Packwood, defendants.

To John Warde, Randolph M. Wardle, Nancy Wardle, Rosklyne A. Tickner, Henry Tick-ner and Mable E. Packwood, defendants:

Wa'dle, Rosklyne A. Tickner, Henry Tickner and Mable E. Puckwood, defendants:

In the name of the state of Oregon, you are hereby required to appear and answer the complaint filled against you in the above entitled soil in the first day of the next regular term of said cour, and that if you fail to appear and answer said complaint within said time the plaintid will apply to the court for the rolled prayed for in the complaint herein, to wit. For a decree foreclosing the mort age described in plaintiff complaint herein and for an order of sale of the premises described therein as follows; The south west one lourth (4) of the north eat one fourth (4) of section four (4) of T4 S, R4 W, and all that postion of the west cue half (5) of the south-west one fourth (4) of section four (4) of T4 S, R4 W, lying north of the motin channel of Baker and Pauther creeks, containing one-hundred acres of land more or less and being situated a Yarahill conney, Uregon. That plaintiff have a decree for-closing and debarance each of a lid defendants and all persons claiming under either of them of all equity of redemption in said gramises, and that he have judgment against Joha Wardie for any deficiency remaining due and finally tor such other and forther relief as may be met in equity and good con-clone as prayed for in plaintiff complaintiff. Phose at chambers at Salem, Oregon, this 6th day of Fe ruary, 1888.

W. L. BRADSHAW.

Notice.

The Lafavette Flouring Mill run on full time until further

SUITER \* DANIEL





