

OFFICIAL DIRECTORY

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Vice President..Charles W. Fairbanks

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Second circuit.....Rufus W. Peckham
Third circuit.....Henry W. Brown
Fourth circuit.....Melville W. Fuller
Fifth circuit.....Edward w. White
Sixth circuit.....John M. Harlan
Seventh circuit.....William R Day
Eighth circuit.....David J. Brewer
Ninth circuit.....Joseph McKenna

NINTH JUDICIAL CIRCUIT

(Pacific States and Territories)

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Circuit judge.....Eskire M. Ross
Circuit judge.....William B. Gilbert
U. S. Commissioner for Amador county.....Richard Webb

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Fourth district.....Julius Kahn
Fifth district.....E. A. Hayes
Sixth district.....James C. Needham
Seventh district.....James McLachlan
Eighth district.....S. C. Smith

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Controller.....A. B. Nye
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JUDICIARY

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Associate Justice.....F. W. Henshaw
Associate Justice.....W. G. Lorigan
Associate Justice.....F. M. Angellotti
Associate Justice.....Lucian Shaw
Associate Justice.....M. C. Sloss

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First district.....Samuel P. Hall
First district.....Frank H. Kerrigan
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Second district.....James W. Taggart
Second district.....Victor E. Shaw
Third district.....Norton P. Chipman
Third district.....Albert G. Burnett
Third district.....Elijah C. Hart

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Third district.....Richard E. Collins
Fourth district.....Jeff D. McElvaine

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Second district.....Andrew M. Wilson
Third district.....Theodore Summerland

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Assemblyman, 11th dist.....G. F. Snyder

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[Sacramento]

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Receiver.....Will A. Newcum

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Deputy.....W. T. Connors
District Attorney.....C. P. Vicini
Clerk and Auditor.....J. R. Huberty
Deputy.....L. Newman
Recorder.....D. A. Patterson
Deputy.....L. G. Meehan
Treasurer.....George A. Gritton
Assessor.....C. E. Jarvis
Deputy.....George A. Gordon
Surveyor.....Wm. Brown
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Supt. Hospital.....F. B. LeMoin
Physician.....E. E. Endicott, M. D.
Corner & Public Admr.....H. E. Potter
Court Commissioner.....Geo A Gordon

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Township 4D. A. Fraser Sutter Creek
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Township No. 5.....John Blower

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Township No. 3.....T. C. McKenze
Township No. 4.....T. S. Tuttle
Township No. 5.....N. E. Wheeler

SCIENTIFIC MISCELLANY

Reported weekly for the Ledger.

An Aeroplane Motor.—The Kite as Mail Carrier.—A Cure for Stammering.—Visible Electricity—A Unique Operation.—The Light Carried by Birds.—Waves in the Photospheric Ocean.—The Newest Disinfectant.—Combination Motor-Fuel.

While aeroplanes of metal and canvas may be kept aloft by steam or gas engines, the maximum possible power with the minimum weight is needed for the best results, and for this Prof. Carl Barus, of Brown University, has suggested some form of modern explosive, especially one of those that can be made into wicks or ribbons. A serious difficulty is to control the great power thus available. Some plan of cold storage is suggested as an aid in achieving this end, as explosives generally tone down with lowering of temperatures, and the cold of the upper atmosphere may contribute toward maintaining the proper cooling. The solution of the problem of flight may possibly depend upon the grading of the power by means of cold. The motor would yield all power needed under any emergency, and would make it practicable to carry stored energy for long trips.

The carrier-kite for messages that has proven successful in the trials of S. H. R. Salmon at Brighton, Eng., is of the rhomboid-box type, and has a rope 200 feet long, with a drag 66 feet long and weighing 6 pounds. Two tests with the wind blowing toward France were very satisfactory, the kite having been picked upon the first occasion within twelve hours, after having reached Vierville, in France at a distance of 103 miles. An earlier kite was a diamond-box, with a longer rope and heavier but shorter drag, but its finding was never reported.

In a number of English schools, stammering in children is now being treated systematically, with breathing exercises, followed by vocal gymnastics, and then by a combination of vocal breathing and physical exercises, together with dumb-bell practice. This is continued daily for six weeks, excellent results having been reported.

By his experiments and actual photographs of the invisible, Frederick Hovenden, vice-president of the London Institution, claims to prove that electricity, heat and ether are a single fluid that can be made visible by proper illumination, that electricity or ether is given off through the pores of the human skin, and that the specially illuminated electrical emanation can be photographed and reproduced by the cinematograph. His apparatus for giving visibility seems to be a square glass box filled with a mixture of cigarette smoke and air. When the tip of the finger is put through a hole in the bottom of the box or "analyzer," under the light of a powerful arc-lamp, the exhalation from the skin is seen to rise, even through a tight-fitting rubber cap and may be photographed. The galvanometer—showing the presence of electricity—is affected by the emanation penetrating the rubber.

In the remarkable German case lately reported by Prof. Sultan, a man of thirty was completely restored to health after he had shot himself through the heart with a small caliber revolver. Thirty hours after the shooting an incision was made in the breast. As the cardiac sac was opened a great quantity of blood oozed out, but the front side of the heart showed only a small spot of blood-ooze, though a small ragged wound—a fifth of an inch across—appeared on carefully turning the organ toward the right. The ragged edges were joined with three stitches of fine silk thread, while the slit in front was also stitched for safety. The strongly beating heart was not easily handled, but every time it was turned to the right for a stitch the pulse almost ceased. Recovery was complete in six weeks.

The "luminous owls" that lately startled certain good Britons almost certainly owe their light, it is now agreed, to foreign matter on the feathers. This is probably phosphorescent bacteria from decaying wood, but it might be a phosphorescent feather-fungus such as is known in geese, or an excessive secretion of oxidizing oil from a diseased condition of the oil gland.

The granules which cover the surface of the sun, as seen with suitable lenses, have been regarded as great clouds of blazing gas floating on a less luminous atmosphere, but a different view is reached by S. Chevalier as a result of his observations during the last two years at the

observatory of Zose, in China. The granules appear to be connected in systematic groupings, instead of single, with some systematic differences in the groupings. The life of the granule is perhaps not more than ten minutes, but in that time it can undergo many changes in shape and brilliancy, and it may move at any rate from almost imperceptibly slow to as much as twenty miles a second. It may move in any direction, quite independent of the motion of other granules. What seems to be significant is that no granule has ever been seen to move as far as its own length or breadth, and it is concluded that the movements are not those of flying clouds, but of billows or ripples of clouds on the choppy atmospheric ocean. Each short, quickly changing wave, however, is thousands of miles across.

The autun method of disinfection has given favorable results in the practical tests of A. Eichengruen, a German chemist, who reports it to be effective in large or small spaces. Autun is a new disinfectant in the form of a heavy white powder, consisting of a mixture of solid formaldehyde with the peroxides of the alkalies or the alkaline earths, and it possesses the property of giving off gaseous formaldehyde and oxygen when water is added. For continuous disinfection of public buildings or railway cars it is only necessary to sprinkle a little of the powder about the floor, the moisture of the air producing gradual decomposition.

In forming alcohol and acetylene fuel by the patented process of Barker and White, vaporized denatured alcohol is conducted over dry calcium carbide, when the moist vapor causes the carbide to give up some acetylene. The mixed vapor gives quicker and better ignition in motors, with high calorific value on account of removal of the water.

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Special Small Ads.

Advertisements under this head, not exceeding 5 lines, will be inserted at 50c per month, or 5 cents per line for less than one month.

ALL kinds of Blanks for U. S. Land Filings—Homestead, Timber and Mineral blanks—may be had at the Ledger office; also deeds, mortgages, mining locations, proof of labor and other legal blanks kept for sale.

FOR SALE.— 2 saddle horses, specially good for cattle; 1 saddle; 2 colts 3 and 4 years; 1 first class buggy. John Giannini, Drytown, Cal. March 6-3t.

Mining Signals on cloth, required to be posted in all mines, for sale at the Ledger office.

For Sale—Lot of benches, formerly used in Webb hall; 6 and 8 feet long; suitable for show place, churches, etc. Will be sold cheap; apply at Ledger office.

Acknowledgment blanks for notaries, specially printed for Amador county, may be had at the Ledger office. Price 50c per packet of 50.

Copies of the license ordinance of the City of Jackson in pamphlet form may be had at the Ledger office; price 15c. each.

For Sale or Rent.—The Johns house and lot opposite skating rink on Broadway street, Jackson. Inquire of Wm. G. Snyder, Jackson, Cal.

Cheap for cash.—One gentle mare with harness complete, and light spring wagon. Apply at E. S. Pitois, Jackson.

For Rent—Two front rooms in the Webb hall building, suitable for offices. Apply at Ledger office.

Furnished Rooms to let; inquire at Ledger office.

COOLNESS AND NERVE

The Story of the Last Deal In a Lively Game of Poker.

A FORTUNE ON THE TABLE.

The Hand That Won the Rich Stakes and the Man Who Held It—What Senator Sharon Had to Pay to Satisfy His Lingering Curiosity.

There were many lively games of poker played in San Francisco in the old days, and many good stories have been told of the nerve and coolness of the players who participated therein. The following story of one of those games was printed in a San Francisco paper some years ago:

The Palace hotel in the early days of its existence was the arena of some big poker games. Senator Sharon was an enthusiastic lover of the game, and when it happened that Senators Stewart and Jones of Nevada and Judge Dick Mesick "occurred" in the hotel at the same time there was sure to be hot work. It happened upon one of these occasions that a certain Mr. Hall from Boston was at the hotel.

Mr. Hall was a smooth and affable gentleman and completely won Senator Sharon's heart because of his love for Byron and his excellent memory, he being able to quote hundreds of lines of the poet's verse without a halt. Byron was Sharon's favorite bard. He had made his works his life's study, and any one who appreciated him had a call on the senator's friendship.

On a certain evening the three senators and Judge Mesick met in the hotel lobby. It was just before dinner, and while they were chatting Mr. Hall put in an appearance. Mr. Sharon at once introduced Mr. Hall to his friends and invited the party to dinner, which was served in Senator Sharon's room.

After dinner Mesick proposed a little game of "draw." No one said nay, though Mr. Hall diffidently remarked that they did not play much in Boston, where he came from, but that still he was willing to stand in and do his best.

"Look out for Hall," remarked Sharon. "I never heard a man make that remark yet who was not to be watched." He spoke in jest, but his words were sooth.

The cards were produced, and the game at a dollar ante was inaugurated. There was no limit. Now, with such veterans as Mesick, Jones and Stewart the pot was not allowed to get cold for lack of chipping. The men played with varying success, and things ran pretty even for an hour or so. Mr. Hall was cautious and dribbled away his checks with indifference. After one of Hall's deals Mr. Stewart hopped in with a twenty dollar bet. Jones, evidently pleased with his hand, saw him and went \$50 better. Mesick and Sharon were not afraid and took some of the pie themselves. Mr. Hall, the dealer, scanned his hand carefully and concluded that there was something in it for him. All drew—Hall one card—and then the fun began. Round and round again went the "deal." Stewart and Jones dropped out. Mesick stood a few more raises and then retired, leaving the fight to Sharon and Hall. There was by this time \$20,000 in the pot.

"I'll raise you \$10,000, Mr. Hall," said Sharon, his thin lips set and his voice low and determined.

Hall's answer was to ring the bell, and when the waiter appeared he asked him for a blank California bank check.

"I presume, gentlemen, my check is as good as cash," he said politely.

"Certainly, sir," replied Senator Sharon. "You see our checks in the pot already."

Slowly and deliberately Hall filled out the check, signed it and spread the blotter over it without a tremor. Then he pushed it quietly to the center of the table and said:

"I have seen your \$10,000, senator, and go you \$15,000 better."

Sharon looked at him steadily for some moments. Hall's composure was perfect. There was a half smile of confidence on his face, but no indication of boastfulness or excitement.

"Mr. Hall," said Sharon, "I feel sure you hold the better hand, and I do not care to waste my money. The pot is yours, sir."

Without any appearance of exultation Hall raked in the coin, bills and checks, separated them and put them in his pockets. Meanwhile his hand lay face down upon the table.

"Mr. Hall," said Sharon, "I will give you \$100 if you will show me your hand."

"Senator Sharon," replied the Bostonian, "it is not enough. Nor would I show it to you now for \$1,000. Still, to satisfy your curiosity, I will put this hand in an envelope, seal it up with your presence and put it in the hotel safe, to be called for by you ten days hence, but upon this condition: That you will put \$250 in an envelope, to go into the hotel safe and to be delivered to me nine days hence."

Sharon reflected for a few minutes. It was a struggle between curiosity and coin. Finally curiosity conquered, and both envelopes were sealed and entrusted to the custody of the clerk. When the ten days elapsed, Mr. Sharon called for his package and examined the hand—nothing but a pair of deuces and ten high. He had been the victim of a colossal bluff.

To Begin With. "Now, my children, what is an absolute necessity for family prayers?" Boy—A family.—Harper's Weekly.

Economy is the mother of liberty.—Johnson.

ESTABLISHED 1855.

THE

AMADOR LEDGER

Published in the Center of the Richest

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R. WEBB, Editor and Proprietor. M. F. CALKINS, Business Manager

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Up-to-date presses, Simplex Typesetting Machine, Folder, Perforating Machine, Numbering and Punching Machines.

We buy our paper stock from Manufacturers at Bottom prices.

Billheads, Letter Heads, Statements.

Pamphlets, Posters, Dodgers,

Checks, Receipts, Tags,

Business and Visiting Cards,

Programs, Etc.

All kinds of Legal Blanks, Briefs and Transcripts printed promptly and neatly. In short, we can do anything in the printing line

OUR PRICES are RIGHT

We Can an Do Compete with City Prices.

If you have anything in the printing line, don't send it away but patronize home industry