STORMS IN THE SUN.

What a problem it is that lies before astronomers when we consider what sun spots really mean? The great atmosphere of the sun, whose breath is flame, is yet so cool compared with his intensely glowing surface that it absorbs a large proportion of his light as well as of his heat. It absorbs so much that it actually changes his color. There can be no manner of doubt, from what Professor Langley has shown about the absorptive qualities of that atmosphere, that were it suddenly stripped off the sun would shine not only with greatly increased brightness, but with a bluish violet color. In a very short time indeed that color would seem white again to our eyes, grown accustomed to the change; after which, the sudden restoration of the absorbing atmosphere would change the sun to an orange-red orb, which only after awhile would seem to our eyes a white globe as before. But while the general absorptive action of the sun is wonderful, the story is still more wonderful which the spectroscope has to tell about the specific absorptive effects due to its constitution. We find that, whereas in our air the vapor of water is present (to condense into water drops and forms cloud at certain levels, and to change to ice-crystals and form cirrus at higher levels), in the sun the atmosphere is laden with the vapors of iron, copper, zinc, sodium, magnesium, and like elements, to form clouds of metallic drops, great gatherings of metallic crystals, while the rains that pour down toward the concealed true globe of the sun are mighty showers of molten metal. When a hurricane occurs in the sun, the clouds which form the sun's surface are swept along, or whirled around, not at the rate at which we measure our storms, but with a velocity compared with which their swiftest motion is as rest. The solar tornadoes rage, not over a few hundred square miles, but over regions as large as the whole surface of the earth, over hundreds, even thousands of millions of square miles; and they travel over these enormous regions at a rate not of so many miles per hour or per minute, but of many miles, sometimes more than a hundred miles, in every second of time. Such storms are in progress now where we see the spots upon the sun. Such storms tell us of the activity of that great central engine whose throbs are the life-beats of the solar system. We measure the sun's work, perforce, by our own forms of work. We speak of his emission of light and heat as corresponding to what would result from the burning of eleven thousand millions of millions of tons of the finest coal in every second of time. But what mind can conceive the real vitality of that mighty orb which seems so silent and so still in our skies? The throbbing of the great engine which beats out light and life to the whole family of planets can only be seen by the mind's eye, and as yet that eye is no more capable of seeing the sun's work as it really is than is the bodily eye of seeing the distant millions of suns which the great gauging telescopes of the Herschels bring within our ken. Nor can the mental ear hearken to the uproar and tumult with which the work of the great central engine is accomplished, or imagine what would be heard if one could visit that spot which looks like a tiny speck on the sun's surface, and, passing below the limits of the solar air so that sound waves could reach him, could find (as assuredly he would if he could live at a temperature which turns the hardest metal into vapor) all forms of noise known to us—the roar of the typhoon, the crash of thunder, even the hideous groaning of the earth-throe—surpassed a million-fold by what takes place within every square mile of that disturbed region.—[London Times.

DOT SETTIN' HEN.

Meester Verris—I see dot mosd efferpody wrides someding for de shicken papers nowtays, and I tought praps meppe I can do dot too, so I wride all apout vat dook blace mit me last summer; you know—oder uf you dond dend I dells you—dot Katrina (dot is mine vrow) und me ve keep some shickens for a long dime ago, und vun tay she sait to me, "Sockery (dot is mein name), vy dond you put some uf de aigs under dot olt hen shickens, I dinks she vants to sate." "Vell," I sait, "meppe I guess I vill," so I bicked out some uf de baist aigs and dook um oud de parn fere te olt hen make her nesht in de side uf de haymow, pout five six feet up; now you see I nefer was ferry pig up und town but I vos pooty pig all de vay around in de mittle, so I koodn't reach up dill I vent oud and got a parrel do stant on; vell, I klimet me on de parrel, und ven my hed rise up by de nesht dot olt hen she give me such a bick dot my nose runs all ofer my face mit plood, und ven I toge pack dot plasted olt parrel he break, und I vend town kerslam; py chelly, I didn't tink I kood go insite a parrel pefore, put dere I vos, und I fit so dite dot I koodn't got me oud effer way; my fest (vest) vas bushed vay up unter my armholes. Ven I fount I vas dite shtuck, I holler "Katrina? Katrina!" und ven she koom and see me shtuck in de parrel up to my armholds, mit my face all plood und aigs, py golly, she shust lait town on de hay und laft und laft, till I got so mat I sait, "vat you lay dere und laf like an olt vool, eh? Vy dond you koom bull me oud?" und she set up and sait, "Oh, vipe off your chin und bull your fest town;" den she lait back und laft like she vood shblit herself more as ever. Mat as I vas I tought to myself, Katrina, as she sperk English booty goot, but I only sait, mit my greatest dignitude, "Katrina, vill you bull me oud dis parrel?" and she sees I got booty red, so she sait "of course I vill Sockery;" den she lait me und de parrel town on our side, und I dook holt de door sill, und Katrina she bull on de parrel, but de first bull she mate I yellet, "donner und blitzen shtop dot by golly: dere is nails in de parrels!" you see de nails pent town ven I vent in, but ven I koom oud dey schticks in me all de vay rount. Vell, to make a short shtory long, I told Katrina to go und dell naypor Hansman to bring a saw und saw me dis barrel off; vell, he koom und he like to shblit himself mit laf, too, but he roll me ofer und saw de parrel all de vay around off; und I get up mit half a barrel around me vaist; den Katrina she says: "Sockery, vait a little till I get a battern of dot new oferskirt you haf on," but I didn't sait a vort. I shust got a nife oud und vittle de hoops off und shling dot confontet olt parrel in de voot pile. Pimeby ven I koom into de house Katrina she sait, so soft like, "Sockery, dond you goin to but some aigs under dot olt plue hen?" den I sait, in my deepest woice, "Katrina, uf you effer say dot to me again I'll gill from you, help me chiminy cracious," und I dell you, she didn't say any more. Vell, Mr. Verris, ven I step on a parrel now, I dond step on it. I git a pox.

Werry drooly yours,
SOCKERY KADAHCUT.

TOOTSY WOOTSIES.—Babies' feet, says E. B. W., in the New York *Times*, are objects of unlimited admiration; the soft curves and outlines and the perfect nails do not in the least suggest the cramped and misshapen form they will take after a while, in all human probability. Thoughtlessness and a mistaken notion of economy cause the lack of beauty and the sense of discomfort about the feet of the half-grown boy or girl. Children are frequently made to wear shoes that they have outgrown because they are not worn out. "Best" shoes are almost always too small when they are purchased, and as they are only worn occasionally, the feet change and enlarge, and are injured by the ill-fitting shoe. The nails should be cared for and looked after by the mother just as conscientiously as the morals of the child. Many an hour of acute pain, as well as of loss to the man or woman, may be charged to the neglect of the nails in childhood. If the discovery is made that the shoe is oppressing the foot and crowding the nails, it would be better to remove the shoe and let the child go without rather than continue its use. If there is danger of a toenail pressing down in the flesh, it can be avoided by cutting a scallop or point in the center of the nail. This will certainly prevent ingrowing nails.

CURIOSITIES OF ELECTRICITY.

George Le Cronier, in the *Review of the Telegraph and Telephone*, says: What lightning abhors and what electricity abhors is water. Still we are told, and the fact is undisputed, that water is a conducter and that glass is a non-conductor. We use the glass and the lightning rod or telegraph wire together because they act as one; if the glass were not a conductor as well its contact would divert the current, consequently it is as much a conductor as the lightning rod; as both conduct, both should be called conductors. So of water; we are told that a lightning rod is put into the ground where it is damp that the water or dampness may conduct it, but instead of conducting it it is the best element to kill it, and this is the use that it answers, the vacuum current that jumps in water the narrow space from wire to wire is not done by the conductivity of the water, but despite it—as the interval must be just in proportion to the strength of the current—if increased the leap must be made; if water was a conductor, the greater the interval the greater the conductive power. And so we have by the same perversion a substance like amber that attracts, called a negative—why call the active power a negative? In powder the three ingredients, niter, sulphur and charcoal, containing little moisture and being also of different temperature, when brought together and acted on by heat, explode—it is an attempt to combine by fire three temperatures that refuse to fuse. The phenomenon seen in winter when a comb is run through the hair and the spark is produced is due to the fact that three dry substances, the hair, the comb and the hand, each of different temperature, are brought in contact by friction. The disturbance produces the sparks. If the friction is continued any time, the sparks will be found to diminish just in the proportion as the temperature of the three becomes equalized by the friction of heat; this effect cannot be produced in summer, the hand and the hair containing too much moisture. We are told that by running our feet over a carpet we charge our body with electricity from the carpet, and by this means we are able to light a gas burner. This is incorrect. By running round the room with the index finger standing alone we make it still more dry, which is already comparatively dry in winter, and then the dry finger, the dry gas burner and the dry gas is ignited, when in contact, by the dry, warm air of the warmed room. We could dry the finger as well by sitting in a chair and making the finger cut the air. We also have it given to usin treatises on electricity that a certain woman by putting her finger in line contact with a brass knob upon a heated stove was discovered to be able to cause sparks to proceed from her body through her finger to the knob, and that the exercise after awhile became exhausting to her, whereas no spark ever proceeded from her body—a human body cannot produce a spark, but was produced by contact or near contact of her dry, bony finger, the temperature of the brass knob and the iron stove all being different and being excited thereto by the heat of the air. Neither can electricity enter the body, as its humidity repels it. That explains the electric shock; the electricity is abruptly stopped. Persons killed by lightning have not so much as a hair scratch to show its effect, and it has the whole surface of the body to oppose it. When it is said that a mark has been made it is a misapprehension; it is attracted by the dry clothing when everything else that is exposed is wet.

THE GUINEA FOWL AS GAME.

There are numbers of guinea fowl wild in the Island of Santo Domingo, and they have been there beyond the memory of the oldest inhabitant. They are very prolific. I have often seen as many as fifteen in a brood. I think they hatch oftener than once a year; at least, they hatch at any and all seasons of the year. They are to be found about the corn and rice fields, as well as in the open savanna miles away from any food, except such as is afforded by the native grasses. Their crops often show nothing but grass seed of different varieties. They are an exceedingly shy bird, difficult to approach, and wonderfully strong and swift on the wing, as different from the tame bird as a wild hog is from the domestic animal. On one occasion we made camp late in the afternoon at a cattle station in the savanna, where the proprietors came twice a year to brand the calves and select the beeves, stopping three or four weeks each time. During the rest of the year no one lived there. Near sundown, attempted by the balmy atmosphere and witching lights and shades, I strolled some distance from the camp, and saw a very large covey of guineas. I promised myself some sport in the morning, and was up and way at the first break of day. After a time I discovered at a distance a flock of guineas feeding in a portion of the savanna where the pine trees were three to four rods apart, tall, straight and free from limbs for a long way from the ground, and not a brush beside. I endeavored to get within gunshot by going from one tree to another, keeping myself as much hidden from sight as possible, at the same time watching the birds closely, and on seeing the least sign of apprehension, making a statue of myself. I spent over an hour in this way, the birds constantly feeding away from me. Then I flushed them out of range and they flew for a run that was densely timbered. I followed but failed to get a shot, and was forced to return to camp without a bird. I do not think that these birds had been shot at for months, if at all. They are harder to get a shot at than the ruffed grouse, but are much easier killed. With a 16-bore 6¾ pound gun, I shot one from the limb of a small pine tree at a distance of fifty-two long paces, striking the bird with one shot in the body. It fell immediately to the ground; and when I picked it up, was dead. I have shot a green parrot at so short a range that four shot passed through its body, and then I had to resort to other means to kill it. There were no bird dogs in Santo Domingo at the time I was there. A friend had a mongrel shepherd that he thought a very good dog to hunt birds. I tried him. He would trail the guinea fowl. They would allow him to come quite close, and then take position in the nearest tree and watch the dog. I think from their actions they would lie pretty well to the proper kind of a dog. The wild guinea is similar in edible qualities to the ruffed grouse. Although I have bagged a great many, I never saw a very fat one. They were plump, juicy and tender, and a very fine flavor. I had the best success in shooting them by scattering a flock just before roosting time. The following morning, being on the ground before daylight, when the calling would commence, the chances were favorable for a few flying shots.—[L. Kent, in Forest and Stream.

MANKIND'S MISTAKES.

It is a mistake to labor when you are not in a fit condition to do so.

To think that the more a person eats the healthier and stronger he will become.

To go to bed at midnight and rise at daybreak and imagine that every hour taken from sleep is an hour gained.

To imagine that if a little work or exercise is good, violent or prolonged exercise is better.

To conclude that the smallest room in the house is large enough to sleep in.

To eat as if you only had a minute to finish the meal in, or to eat without an appetite, or continue after it has been satisfied, merely to satisfy the taste.

To believe that children can do as much work as grown people, and that the more hours they study the more they learn.

To imagine that whatever remedy causes one to feel immediately better (as alcoholic stimulants) is good for the system, without regard to the after effects.

To take off proper clothing out of season, simply because you have been heated.

To sleep exposed to a direct draught in any season.

To think that any nostrum or patent medicine is a specific for all the diseases flesh is heir to.—[Index.

WANTED, LOST AND FOUND.

Advertisements of five lines in this department are inserted for 25 cents for one time; three times for 50 cents or 75 cents per week.

WANTED—A POSITION AS BOOK-KEEPER. Grocerymen and others, who cannot afford to keep a regular book-keeper, will find it to their interest to have a man occasionally to straighten out their books. I refer to H. Longton, People's Market. m16 6t A. A. TART.

LOST—A SMALL CLASP PURSE, MARKED "C F. Young & Bro., or Co.," Lake City, Min., containing Five Dollar Bill and Small Unset Diamond. Return to C. P. BRONNEY, 1226 Seventh street, between L and M, and be suitably rewarded. m16 3t*

WANTED—A GOOD BARBER. APPLY AT State House, corner Tenth and K sts. m15-tf

WANTED—HORSES TO PASTURE. Fine alfalfa pasture for horses can be had at A. GRONDONA'S Ranch, one mile below the city, on the levee road, below Merkey's hop farm. m15-6t*

WANTED—A POSITION AS GOVERNESS, by a competent and experienced teacher; understands music, Latin, French, etc. No objection to combine the duties of managing housekeeper with those of a teacher. Address MRS. E. P. MOORE, San Diego, California. m12 6t*

WANTED—MEN AND WOMEN TO START A new business at their own homes; no peddling; 50 cents an hour made; send 10 cents for 15 samples and instructions. Address MASON & CO., Montpelier, Vermont. fe26-12tTuThS

WANTED.

A MILKER AND BUTTER-MAKER, $30; ALSO 5 ranch hands, $26; a cabinetmaker, $2 50 to $3 per day; a man to milk and team, $26; 4 wood-choppers, $1 50 to $2 per cord, tools found.

FEMALE—A first class woman cook for a family of five persons; wages, $26; must be used to first-class family cooking; also 5 girls for housework for the city and country.

Apply to HOUSTON & CO.'S Employment Office, Fourth and K streets, Sacramento city. au13-1ptf

TO LET OR FOR SALE.

Advertisements of five lines in this department are inserted for 25 cents for one time; three times for 50 cents or 75 cents per week.

FOR SALE—212 ACRES GRAIN LAND, with improvements and crops thereon, for $4,500. For terms and particulars, inquire of CARL STROBEL, No. 321 J street, Sacramento. m16-6t&w1t*

FOR SALE—BLACKSMITH SHOP and tools; also dwelling-house and 1½ acres of good land in a driving country village. Price, $2,000. For particulars inquire of CARL STROBEL, 321 J street, Sacramento. m15 6t&w1t*

FOR SALE—TEN ACRES OF LAND, with improvements, near the city limits. For price and particulars, inquire of CARL STROBEL 321 J street, Sacramento. m13-6t&w1t*

FOR SALE—ONE SHORT-HORN Durham Bull (recorded), 2 years old; color, solid red; from No. 1 dairy stock. Also two high grade Calves. Address P. H. MURPHY, Brighton, Cal. m6

FOR SALE—ONE BLACK STALLION, 6 years old; weighs about 1,500; stock, Clydesdale, and a roadster; I will sell cheap for cash. You can see him 16 miles from Sacramento, on the Placerville road. A. H. THOMASSON. m1-18t*

ROOMS! ROOMS!—CLUNIE BLOCK, EIGHTH and K streets. Nicely Furnished, Sunny Rooms; single or in suites. The best rooms in the city. Prices reasonable. Strictly first-class. MRS. L. H. GRICE, Proprietress. fe27-tf

FOR SALE—THE "ROLLING HILL" ranch, 400 acres, 5 miles above Folsom; 200 acres in cultivation; plenty of hard wood timber and good water; dwelling, barns, etc. For particulars inquire on the premises, or address WENDEL LEIK, Folsom. fe9-1p3m*

MONEY TO LOAN

ON REAL ESTATE, AT A LOW RATE OF INterest, by PETER BOHL 326 J street. fe17-tf

SEEK

health and avoid sickness. Instead of feeling tired and worn out, instead of aches and pains, wouldn't you rather feel fresh and strong?

You can continue feeling miserable and good for nothing, and no one but yourself can find fault, but if you are tired of that kind of life, you can change it if you choose.

How? By getting one bottle of BROWN' IRON BITTERS, and taking it regularly according to directions.

Mansfield, Ohio, Nov. 26, 1881.

Gentlemen:—I have suffered with pain in my side and back, and great soreness on my breast, with shooting pains all through my body, attended with great weakness, depression of spirits, and loss of appetite. I have taken several different medicines, and was treated by prominent physicians for my liver, kidneys, and spleen, but I got no relief. I thought I would try Brown's Iron Bitters; I have now taken one bottle and a half and am about well—pain in side and back all gone—soreness all out of my breast, and I have a good appetite, and am gaining in strength and flesh. It can justly be called the *king of medicines*.

JOHN K. ALLENDER.

BROWN'S IRON BITTERS is composed of Iron in soluble form; Cinchona the great tonic, together with other standard remedies, making a remarkable non-alcoholic tonic, which will cure Dyspepsia, Indigestion, Malaria, Weakness, and relieve all Lung and Kidney diseases.

DR. C. W. BENSON'S NEW REMEDY

DR. C. W. BENSON'S SKIN CURE

Is Warranted to Cure ECZEMA, TETTERS, HUMORS, INFLAMMATION, MILK CRUST, ALL ROUGH SCALY ERUPTIONS, DISEASES OF HAIR AND SCALP, SCROFULA ULCERS, PIMPLES & TENDER ITCHINGS on all parts of the body. It makes the skin white, soft and smooth; removes tan and freckles, and is the BEST toilet dressing in THE WORLD. Elegantly put up, two bottles in one package, consisting of both internal and external treatment. All first class druggists have it. Price, $1. per package.

DR. C. W. BENSON'S PRESCRIPTION AND FAVORITE

m8-1yTuThS&w1y

PHŒNIX MILLS,

GEO. SCHROTH & CO., PROPRIETORS,

SACRAMENTO, CAL.,

Manufacturers of finest brand of

NEW PROCESS FLOUR.

ALSO, CORN MEAL, CRACKED WHEAT, Oatmeal Buckwheat and Graham Flour. m1-4ptf

CAPT. STEVENS' SALOON,

No. 228 J Street, near Third. m6-tf

PIKE & YOUNG,

CARRIAGE MANUFACTURers, corner of Fourth and L streets, Sacramento, have on hand the largest assortment of Carriages, Wagons and Buggies to be found in Sacramento, which they will sell at very low rates. 1o

BUSINESS CARDS.

F. M. FOY,

MERCHANT TAILOR, HAS REMOVED FROM No. 426 J street to No. 1018 Fourth street, between J and K. Tailoring, Cleaning and Repairing done. Would be pleased to see his old friends. m16-4ptf

J. A. CUNNINGHAM,

SACRAMENTO BOILER AND IRON WORKS, I street, between Front and Second, Sacramento. Manufacturer of Steam Boilers, Sheet Iron Work, etc. Also, all kinds of Repairing. Change Portable Boilers from Wood to Straw Burners a Specialty m1-4ptf

GENERAL BLACKSMITHING.

HENRY AINSWORTH IS PREPARED TO DO all kinds of Forging, Tool Making, Repairing and General Jobbing. Steel Work a specialty. Alley, Third and Fourth, P and Q streets, Sacramento. m2-1m*

WM. GUTENBERGER,

IRON AND BRASS FOUNDER AND MAchinist, Front and N streets. Manufacturer of Gutenberger's Horse Powers, Patent Ground Roller and Clog Crusher and Barley Mills. All kinds of Hydraulic Pipes. For sale, Three Miller Patent Hay Presses. m1-4plm

A. H. SMITH,

NO 412 J STREET, PRACTICAL PLUMBER and Gasfitter—Work done on the most approved sanitary principles. m1-4ptf

JAMES WOODBURN,

IMPORTER AND WHOLESALE DEALER IN Fine Brandies, Wines and Liquors. Agent for Dr. Jaffe's Celebrated Cinchona Bitters; also, agent for Litton Springs Seltzer Water, Sonoma county, California. No. 111 K street, between Fourth and Fifth. fe26-4plm

H. F. ROOT. ALEX. NEILSON. J. DRISCOLL.

ROOT, NEILSON & CO.,

UNION FOUNDRY — IRON AND BRASS Founders and Machinists, Front street, between N and O. Castings and Machinery of every description made to order. fe26 4plm

JAMES McGUIRE,

MANUFACTURER OF ROAD SCRAPERS Iron Doors, Jail Cells, Shutters, Railings, Gratings, Housework and Blacksmithing in general, No. 520 K street, between Fifth and Sixth. Second-hand Doors for sale. fe22-4ptf

F. FOSTER. J. O. FUNSTON.

1856. F. FOSTER & CO., 1883.

BOOK-BINDERS, PAPER-RULERS AND Blank-Book Manufacturers, No. 319 J street, between Third and Fourth, Sacramento. fe20-4ptf

LOUIS SLOSS & CO.,

DEALERS, CORNER OF FRONT AND I streets. Highest price for Hides, Sheep Pelts and Tallow. Butchers supplied with Salt, Paper, latest improved Sausage Machines, Stuffers, Lard Presses, etc. Prompt cash returns made for all consignments. fe18-4ptf

S. CARLE. R. J. CROLY.

CARLE & CROLY,

CONTRACTORS AND BUILDERS, ARE PREpared to do all kinds of work in their line, in city or country. Principal place of business, Sacramento Shop, No. 1114 Second street, between K and L. Postoffice Box No. 410, Sacramento. fe16-4ptf

ATTORNEYS AT LAW.

HENRY L. BUCKLEY. S. SOLON HOLL.

HOLL & BUCKLEY,

ATTORNEYS AND COUNSELORS AT LAW. Office, northeast corner Sixth and I sts m9-tf

C. L. WHITE. A. L. HART.

HART & WHITE,

ATTORNEYS AND COUNSELORS-AT-LAW—Offices at the northwest corner Seventh and J streets, Sacramento, California. After April 1, 1883, our offices will be at southwest corner of Fifth and J streets. m6-tf

THE FIRM OF BEATTY, BEATTY & BEATTY,

ATTORNEYS-AT LAW, SACRAMENTO, CALIfornia, was dissolved December 12, 1882, Adam Beatty withdrawing. The business will be continued by the remaining partners under the firm name of H. O. & W. H. Beatty. m4-4ptf

S. C. DENSON,

ATTORNEY-AT-LAW—OFFICE: METROpolitan Block. Entrance next to Metropolitan Theater. fe29-tf

CHAS. T. JONES. ED. M. MARTIN.

JONES & MARTIN,

ATTORNEYS-AT-LAW, NO. 607 I STREET, BEtween Sixth and Seventh, Sacramento. fe26 4plm

R. M. CLARKEN. R. T. DEVLIN.

DEVLIN & CLARKEN,

ATTORNEYS-AT-LAW AND NOTARY PUBLIC. will practice in the State and Federal Courts and the United States Land Office. Office, Capital Bank Building, Fourth and J streets, Sacramento (office formerly occupied by Judge J. W. Armstrong). fe19-1m

DENTISTRY.

W. WOOD,

DENTIST, QUINN'S BUILDING, northeast corner Fourth and J streets. Artificial Teeth inserted on all bases. Improved Liquid Nitrous Oxide Gas for painless extraction of teeth. fe25-tf

DRS. BREWER & SOUTHWORTH,

DENTISTS, SOUTHWEST CORNER of Seventh and J streets, in Bryte's new building, upstairs. Teeth extracted without pain, by the use of improved Liquid Nitrous Oxide Gas. fe16-4plm

REMOVED.

DR. F. M. SHIELDS, DENTIST, to No. 525 J street, between Fifth and Sixth, where he will be pleased to see his friends. fe16-tf

H. H. PIERSON,

DENTIST, 415 J STREET, BETWEEN Fourth and Fifth, Sacramento. Artificial Teeth inserted on Gold, Vulcanite and all bases. Nitrous Oxide or Laughing Gas administered for painless extraction of Teeth. fe14-1m

W. H. HAKE, D. D. S.,

DENTIST, NO. 605 J STREET, BEtween Sixth and Seventh, Sacramento. all-4plm

PHYSICIANS AND SURGEONS

G. DART, M. D.,

PHYSICIAN AND SURGEON (HOMEOPATHist). Residence, No. 1818 G street, between Eighteenth and Nineteenth. Office, 627 J street (over Dale's), Sacramento, Cal. Special attention given to diseases of the heart and lungs. Office Hours—9 to 11 A. M.; 2 to 4, and 6 to 8 P. M. m14-1m

DR. A. E. BRUNE,

GRADUATE OF THE UNIVERSITY OF BERlin, Germany. Office and residence, No. 521 J street, between Fifth and Sixth, Sacramento. Office hours—9 to 11 A. M., 3 to 5 and 7 to 8 P. M. m13-tf

WALLACE A. BRIGGS, M. D.

OFFICE AND RESIDENCE, NO. 212 J STREET Sacramento.

Office Hours: 8 to 9 A. M. 11 A. M. to 2 P. M. 6:30 to 8 P. M. m12-4ptf

DR. LAINE,

PHYSICIAN AND SURGEON.—OFFICE AND Residence, No. 323 J street, between Third Fourth. Hours: 8 to 10 A. M., 3 to 5 and 7 to 8 P. M. Office of City Superintendent of Public Schools at same place. m5-4plm

WM. ELLERY BRIGGS, M. D.,

OCULIST, AURIST AND PHYSICIAN FOR Diseases of the Throat. Office, 429½ J street, corner of Fifth, over Sacramento Bank, Sacramento, Cal. Hours—9:30 to 12 A. M.; 1 to 4 P. M. Sundays—9:30 to 11 A. M.; 1 to 4 P. M. m1-tf

DR. HATCH,

OFFICE, 316 J STREET—OFFICE HOURS 9 A. M., and 12:30 to 2 P. M. m1-tf

DR. W. H. BALDWIN,

OFFICE AND RESIDENCE, NORTHEAST corner of Second and K streets. Office Hours: 10 A. M. to 12 M.; 3 P. M. to 5 P. M.; 7 P. M. fe28-1m

W. A. HUGHSON, M. D.,

HOMEOPATHIC PHYSICIAN AND SURGEON. Office, southwest corner of Seventh and J streets, in Bryte's new building, up stairs. Residence, southeast corner of Seventh and N streets Sacramento. Office Hours: 1 to 3 and 6 to 8 P. M. fe26-4plm

DR. NIXON.

OFFICE AND RESIDENCE, M STREET BEtween Ninth and Tenth, Nos. 918 and 920. Will visit the Railroad Hospital daily at 9:30 A. M. Office hours—8 to 9 A. M.; 1 to 3 P. M., and evenings fe14-1m

HENRY WEAVER,

MANUFACTURER OF THE BEST AND cheapest

Artificial Stone Walks,

Drives and Pavements of all kinds. CEMETERY WORK—coping and walling in of plots, steps, etc. All work warranted. No. 1226 FIFTH STREET, between L and M. fe27-4plm

HERMAN C. HOTFILTER,

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