COMMERCIAL.

San Francisco Produce Market.

SAN FRANCISCO, July 12th—1 P. M.

FLOUR—Fair trade and full figures. Best City Extra, $5 37½@5 50; Superfine, $4 75@5 25; Interior Extra, $4 10@5; Interior Superfine, $4@4 25 ₩ bbl.

WHEAT—The market is not losing any strength. The demand at the moment seems concentrated on September deliveries, and liberal lines could probably be placed at about $1 75. Buyers are not overwilling to give the above figures, but as there are no offerings at anything below that rate, it may be considered as the established quotation. One leading exporter secured 500 tons at $1 75 on September account. Other transactions in the shipping interest are reported within a range of $1 70@1 75 ₩ ctl.

Quotations of No. 2 grades at leading centers today are telegraphed as follows:

	Chicago.	St. Louis.	New York.
Spot, ₩ cental	$2 21½	$1 85	$2 15
July	2 20½	1 75½	2 15
August	1 85½	1 78	2 06½
September		1 79½	2 06½
October		1 79½	2 07½

At the Grain Exchange this afternoon the sales included 400 tons No. 2 September, $1 67; 50 do, $1 66½; 100 do, $1 66½; 500 do November, $1 67½; 200 do, $1 67; 200 do, $1 66½ ₩ ctl.

BARLEY—The heaviest business in Feed in a year was done at the Produce Exchange this morning. Close upon 2,500 tons changed hands. Bidding was spirited, with prompt and quick sales, while prices generally indicated a much better feeling. Spot lots sold in a small way at $1 30 against $1 22½ yesterday. On the call for July the market opened at $1 22, but closed strong at $1 24½. There was an advance of about 2c over yesterday's rates for deliveries in August, September and October. Details are as follows, 300 ctls No. 1 Feed spot, $1 30; 56 tons July, $1 22; 150 do, $1 23; 250 do, $1 24; 50 do, $1 24½; 100 do August, $1 23; 300 do, September, $1 29½; 500 do October, $1 24 ₩ ctl. Sales of No. 2 embraced 100 tons August, $1 16½; 600 do November, $1 29½; 100 do, $1 21; 200 do December, $1 21 ₩ ctl. For standard Chevalier the quotation is $1 45 bid against $1 60 asked.

OATS—The improved feeling noted yesterday was somewhat more pronounced this morning. On call an offer to buy No. 1 at $1 80 did not bring out sellers. But an offer to sell 60 tons all July at $1 60 found a prompt customer. The only other transaction in No. 1 of consequence was 100 tons, seller 1882, at $1 42. For September and October deliveries of No. 2 there were active inquiries, and sales were effected of 200 tons for the former month at at $1 42½, and 400 tons for October at $1 41½ ₩ ctl.

RYE—Nominally quotable at $2 ₩ ctl for spot lots. Market quiet and easy.

CORN—A limited quantity of large Yellow was offered on wharf to-day at $1 70, but $1 62½ was the highest bid. Two speculative purchases were made of No. 2 for January, being 100 tons each at $1 33 ₩ ctl.

BUCKWHEAT—$1 40@1 50 ₩ ctl.

HAY—Wheat, $14@15; Wild Oat, $12@13; Stable, $10@12 ₩ ton.

HOPS—26@30c ₩ ℔, according to quality.

SEEDS—Mustard, $1 90@2 for Yellow; Canary, 5c@5½; Hemp, 6c; Rape, 2½@3c; Timothy, 7@8c for native, and 9@10c for imported; Alfalfa, 15@17c; Flax, 2½@2½ ₩ ℔.

POTATOES—Some choice lots in boxes have found custom at $1 37½, though the bulk of offerings sell at a range of $1@1 30 ₩ ctl.

ONIONS—35c@60c for Red and 80@85c ₩ ctl for Silverskins.

BEANS—Bayos, $2 75@3; Butter, $3 75@4 for small, and $4 25 for large; Lima, $4@4 50; Pea, $4@4 25; Pink, $2 60@2 90; Red, $2 60@2 90; small White, $4@4 25; large White, $3 25@3 60 ₩ ctl.

VEGETABLES—Asparagus, $1 ₩ box; Rhubarb, 50c @$1 ₩ chest; Artichokes, 25@50c ₩ sack; Parsnips, $1 ₩ ctl; Beets, 75c; Carrots, 50@60c; Turnips, 50@65c ₩ ctl; Cauliflower, 50@75c ₩ dozen; Cabbage, 50@60c ₩ ctl; Garlic, 2@3c ₩ ℔; Cucumbers, 25@50c ₩ box; Green Peas, 3@4c; Green Peppers, 75@87½c ₩ sack; Tomatoes, 37½@81 ₩ box; Spinach, 25c ₩ sack; Celery, 75c ₩ dozen; Summer Squash, 25@50c ₩ box; String Beans, 14@2½c; Horse Beans, 50@75c ₩ sack; Wax Beans, 3@4c ₩ ℔; Green Corn, 5@8c ₩ dozen for poor, and 10@15c for good quality; Okra, 12@15c ₩ ℔; Egg Plant, 5@7c ₩ ℔.

FRUIT—No important changes. Apples, 25@ 62½ ₩ basket and 50@$1 50 ₩ box; Pears, 25@50c ₩ basket and 90c@$1 ₩ box; Currants, $2 50@3 50; Strawberries, $10@13 ₩ chest; Raspberries, $8@12 ₩ chest; Peaches, 25c@$1 ₩ box and $3@5 ₩ box; Nectarines for common, $1@1 25 for Crawford; Cherries, $10@18 ₩ chest; Figs, 37½c@$1 ₩ box; Grapes, $1@1 75 ₩ box; Plums, 25@75c ₩ box; Blackberries, 8@8½ ₩ chest; Apricots, 10@3c ₩ ℔; Watermelons, $3@5 50 ₩ dozen; Cantaloupes, $3@4 ₩ dozen; Lemons, $7@7 50 ₩ box for Sicily and $1 25@2 25 for California; Limes, $8@10 ₩ box for Mexican; California Oranges, $4 50@5 ₩ box; Tahiti Oranges, $40 ₩ thousand; Tamarinds, 12@15c ₩ ℔; Bananas, $2 50 @4 ₩ bunch; Pineapples, $6@8 ₩ dozen.

HONEY—Comb, 15@17c; extracted, 7@8c ₩ ℔.

BUTTER—Fine qualities are getting scarcer every day, and buyers have to pay full figures. Medium and poorer descriptions are in good supply at easy rates. Fancy, 29@31c ₩ ℔; good to choice, 27@ 28c; inferior lots from country stores, 22@25c; firkin, 29@31c for good to choice new; pickled roll, 30@32c; Eastern, 18@21c ₩ ℔.

CHEESE—California, 13@14c for choice; 11@12c for fair to good; do, factory, in boxes, 15@16c; Eastern, 17@18c ₩ ℔.

EGGS—A good article will bring 30c in a jobbing way, though sales can be traced as low as 26c ₩ dozen for some consignments not very desirable.

POULTRY—Sells quickly at full rates. Live Turkeys, gobblers, 18@20c; do, Hens, 16@17c; Roosters, $6@6 50 for old and $8 50@10 for young; Hen, $7@8; Broilers, $3 50@6 50, according to size; Ducks, $4 50@6 50 ₩ doz; Geese, $1@1 25 ₩ pair; Goslings, $1@1 25 ₩ pair.

GAME—Quiet. Hare, $2@2 25; Rabbits, $1@1 50 ₩ dozen; Doves, 50@75c ₩ dozen; Venison, 10@12c ₩ ℔.

WOOL—Some slight trading is reported at annexed figures:

Humboldt and Mendocino, ₩ ℔	25@26c		
Sonoma	25@26		
Southern Sacramento Valley	20@24		
Siskiyou and Modoc	20@24		
Calaveras and Foothills	20@24		
San Joaquin, free	18@18		
San Joaquin, defective	15@20		
Southern Coast, burry and seedy	15@18		
Eastern Oregon, choice	24@26		
Eastern Oregon, poor to fair	20@23		
Valley Oregon, fine	25@27		
Valley Oregon, coarse	22@24		

Eastern and Foreign Markets.

NEW YORK, July 12th.

BREADSTUFFS — Flour is steady and Wheat is irregular, latter at $1 27@1 30 ₩ bushel.

WOOL—California is quiet at 12@14c for fall burry, and 16@20c for clean fall; spring burry, 15@ 20c; clean spring, 24@34c; pulled, 18@46c.

HIDES—California are strong at 23@24c.

CHICAGO, July 12th.

WHEAT—$1 11½ for August.

CORN—78c for August.

PORK—$21 95 bid for August.

LARD—$12 95 for August.

BACON—$12 55@12 62½ August for ribs and $12 95 for short ribs.

LIVERPOOL, July 12th.

WHEAT—California spot lots are buoyant at 10s 2d to 10s 5d. Cargo lots are 48s 6d for just shipped, 49s 6d for nearly due and 51s for off coast.

Sacramento Produce Market—Wholesale

[Corrected daily for the RECORD-UNION.]

SACRAMENTO, July 12th.

FRUITS—Peaches, 2@4c ₩ ℔; Apricots, 2@4c ₩ ℔. Currants are very scarce, and selling at $4 ₩ chest. Blackberries, 4@6c; Raspberries, 7@8c. Cherries have disappeared from this market for the present. Oranges, $5@6 ₩ box; Lemons, Sicily, $9@10; Lemons, California, $2 50@3$ box; Limes, $1 25@1 50 ₩ 100; Bananas, $3 50@4 50 ₩ bunch; Pineapple, $5@8 ₩ dozen; Cocoanuts, $6 50@7 ₩ 100; Cherry Plums, 4@6c ₩ ℔; Blue Plums, 4@5c; Greengages, 4@5c; Pears, common, 75c@$1, and Bartlett's $1 50@2 ₩ box; Apples, 75c@$1 25 ₩ box; Ripe Figs, 5@8c ₩ ℔.

TABLE FRUITS—Assorted, 2½-lb cans, ₩ doz, $2 50; Peaches, $3; Bartlett Pears, $2 75; Plums, $2 75; Blackberries, $3; Gooseberries, $3 25; Strawberries, $3 25; Apricots, $3; Muscat Grapes, $2 75; Red Currants, $3 25; Cherries, $3 25.

PIE FRUITS—Assorted, 2½-lb cans, ₩ doz, $1 75@2; assorted, gallon cans, $4 50; Peaches, 2½-lb cans, $1 85; Portland Blueberries, 2-lb cans, $2; Whortleberries, $1 75.

DRIED FRUITS—Apples, sliced, 9@10c ₩ ℔; dequartered, 7@8c; pears, peeled, 8@10c; do, unpeeled, 6 @8c; Plums, pitted, 12@13c; Peaches, 10@11c; do, peeled, 19@20c; Prunes, German and French, 13@ 14c; Blackberries, 3@c; Figs, California, 7@8c ₩ ℔.

VEGETABLES—English Beans, 5@6c ₩ ℔; Wax and String Beans, 3@4c; Shell Beans, 5@6c; Green corn of good quality selling at 10@15c per doz; Tomatoes higher and scarce, selling at from 75@100c ₩ box; Summer Squash, 1@2c ₩ ℔; Potatoes, $1 10@1 25 ₩ cwt; Onions, 75@85c ₩ cwt; Cabbage, higher, and selling at $1 ₩ cwt; Carrots, $1 ₩ cwt; Turnips, $1 ₩ 100; bunch vegetables, 12½ ₩ doz; Parsnips, 4c; Beets, 4c; Celery, 75c ₩ dozen; Horse Radish, 8@10c ₩ ℔; Green Peas, 3@4c ₩ ℔; Pie Plant, 3@ 4c ₩ ℔; Artichokes, 25@30c ₩ dozen; Cucumbers, 6@8c ₩ doz; Green Peppers, 5@7c ₩ ℔; Egg Plants, 10@12c; Watermelons, selling from $2@3 50 ₩ doz; Cantaloupes, $1@5 ₩ dozen.

BREADSTUFFS—Flour, $5 50 ₩ bbl.; Oatmeal, $4 75 ₩ 100 ℔s; Cornmeal, $2 25@2 50; Cracked Wheat, $3.

POULTRY—Live Turkeys, in good demand, selling at 15@15c ₩ ℔; full grown Chickens are selling at $5 50@7 ₩ doz; young Roosters, $4@5 50 ₩ doz; Broilers, $2 50@3 50; Ducks, $4@5; Geese, $1 50@ 2 ₩ pair.

DAIRY PRODUCTS—Butter, fancy dairy, 28@30c ₩ ℔; mixed lots, in rolls, 24@26c ₩ ℔; Cheese, 11@ 12c; California Creamery, 14@15c; Eastern, full cream, 22@23c; Eastern, flats, 17c; fresh Eggs, selling at 20@20c.

MEATS—Beef, 7c; Mutton, 5c ₩ ℔; Lamb, 6c; Pork, 9@10c; Veal, 8c; large calves, 7c.

HAY AND GRAIN—Oat hay, ₩ ton, $13@14; alfalfa, $8 to $12 ₩ ton; barley, ₩ ton, $15 50; barley, ₩ ctl, $2 50 per ton; barley, whole, ₩ cwt, $1 55; barley, ground, ₩ cwt, $1 60; wheat, ₩ cwt., $1 80; tame oats, ₩ cwt., $2 30; corn, ₩ cwt., $1 80.

MISCELLANEOUS—Sea Moss, Alfalfa, 16@17c; Timothy, Eastern, 11@12c ₩ ℔; Oregon, 8@ 10c; Red Clover, 16@18c; Red Top, 12½@14c; Nuts—English Walnuts, 13@14c; Almonds, 17@18c; Peanuts, 7@11c; Wool—Market dull; mountain, 14@16c; fair, 17@18c; Tallow, 6@7c; Hides, salt, 9@10c; dry, 15@18c; choice lots 20c; New York Hops, 40@42½c; California selling at 30@35c, with strong feeling.

San Francisco Stock Sales.

SAN FRANCISCO, July 12th

MORNING SESSION.

1120 Union	91@91	260 Confidence	1[illegible]
340 Mexican	71@91	510 Sierra Nevada	6[illegible]
825 G. & C.	3 20@3 30	1 Crown Point	3 50@3 75
565 B. & B.	71@87	360 Bullion	35c
2 50 California	2 50@3c	50 Exchequer	35c
565 Savage	75c	10 Sig. Belcher	3[illegible]
1550 C. Virginia	7 00@5	185 Justice	37c
120 Cholar	45c	150 Alta	8 50@9c
410 H. and N.	1 30@1 35	420 Ophir	3 60@3 65
100 C. Point	65c	35 Occidental	2 25
350 Y. Jacket	1 60@1 65	370 Andes	55c
900 Imperial	5c	10 Scorpion	75c
150 Alpha	1 25	360 Benton	35c
100 Belcher	50c		

AFTERNOON SESSION.

115 Eureka	15@16	550 Final	1 50
495 N. Belle	12@12½	50 S. Nevada	65
180 Prize	20c	50 South Nevada	1[illegible]
200 Argenta	3 60	170 Utah	2[illegible]
600 Navajo	4 45@4 60	320 Mexican	6[illegible]
300 Belle Isle	2[illegible]	705 Best & B.	6[illegible]
1150 Day	1 75@1 70	6320 Alta	4[illegible]@35c
550 Tuscarora	30c	390 Union	91@95
385 Albion	2 15@2 10	4 0 Choller	90@85c
300 N. Belle Isle	10c	900 Potosi	45c
350 Mt. Potosi	95c	650 Halo & N	1 25
50 Bodie	5[illegible]	755 Opinir	3 50@3 25
200 Goodshaw	20c	1600 Benton	25c
50 Concordia	1[illegible]	200 Jacket	95
50 Black Hawk	2[illegible]	615 Gould & C.	2 20@3 15
300 Mono	1	385 California	25c
65 Noonday	85c@1	850 Savage	70@75c
300 Oro	10c	550 Bullion	30c
200 Atlas	5c	110 Confidence	1 20@1[illegible]
300 Tiptop	20@1[illegible]	100 Scorpion	75c
50 Silver King	15	400 Con Va	65@70c

Duty to Others.

CHAMBERSBURG, July 25, 1875.

This is to let the people know that I, Anna Maria Krider, wife of Tobias Krider, am now past 74 years of age. My health has been very bad for some years past. I was troubled with weakness, bad cough, dyspepsia, great debility and constipation of the bowels. I was so miserable I could hardly eat anything. I heard of Hop Bitters, and was resolved to try them. I have only used three bottles, and I feel wonderfully good, well and strong again. My bowels are regular, my appetite good, and cough all gone. I feel so well that I think it my duty to let the people know, as so many know how bad I was, what the medicine had done for me, so they can cure themselves with it. ANNA M. KRIDER, Wife of Tobias Krider.

The *Court Journal* complains that while the English like soft Italian music they have two German operas at the same time. It says that English musical taste does not wish to be Germanized.

MEN OF CALIFORNIA.

MATHEW COOKE,

OF SACRAMENTO, CHIEF EXECUTIVE HORTICULTURAL OFFICER OF CALIFORNIA.

Mathew Cooke, of Sacramento, an excellent portrait of whom we present this morning (engraved to the special order of the RECORD-UNION), is one of the self-made men of this State. He has for many years, and now does, occupy an important prominence in the State. It is a prominence gained neither by political influence nor political sagacity, by the use of much capital, nor by any heroic deeds; but is the result of a sincere desire to benefit the whole people of the State of his adoption, and give them the best results of his perseverance, study and labor, and of his researches and experiments in a branch of science of the highest importance. Mr. Cooke was born February 16, 1829, at Bushmills, in the County Antrim, Ireland. He had a fair common school education. From his early youth he was a constant reader and a student. His reading and study was pursued under his own tutorship, but his opportunities were very limited. His mind inclined to the contemplation of mechanics and the more practical sciences. Natural history was always a favorite study, but his opportunities to pursue it were narrow, and not until recent years was he enabled to give close attention to entomology, his practical success in which has given him the honorable prominence he now has in California. While yet a mere youth he was engaged upon the Public Works Department in his native country, soon became Assistant Baronial, and later was made Baronial, or Superintendent of Works. He came to the United States in April, 1850, and pursued mechanical vocations until 1862, when he came to California. He arrived in Sacramento October 11, 1862, and has ever since resided here, and enjoyed the respect of our citizens. In this city he engaged in

MANUFACTURING

And turned his attention also to practical inventions, several of which have received public approval and introduction. From 1870 to 1875 Mr. Cooke was officially connected with the water works department of the city government. In 1875 he entered upon the manufacture of fruit boxes, berry baskets, chests, etc., the firm being Cooke & Gregory. In that business he has ever since continued, the firm now being Cooke & Son. Their establishment, "The Pioneer Box Factory," is the largest on the Pacific Coast where boxes and packages for green fruit are made a specialty. Soon after engaging in this business, Mr. Cooke had his attention forcibly drawn to the necessity of improvements being made in the style of packages for shipping fruits, especially those for the Eastern markets. His inventive genius soon evolved new styles of packages which met the want and received the approval of shippers, and there soon issued to him letters patent for the same. In 1875 the codling moth made its presence disastrously known. Immediately the subject of this sketch saw that this insect pest threatened to destroy the fruit-growing interests. Of course he was the more deeply interested in it because with the failure of fruit crops must come the ruin of his own business. Natural self-interest is always a strong motive for action in man. It was so in Mr. Cooke's case, but it soon became secondary to the desire to benefit his fellow-men. Very little attention had been given by fruit-growers to the subject. Indeed very few of them realized the full extent of the danger that threatened them. Mr. Cooke realized that remedy for the evil could only come from a thorough knowledge of the subject. He resolved to know all that was possible regarding it.

THE BEST BOOKS

And treatises on entomological science he found to be exceedingly deficient, as regarded the matter in hand, most of the subjects he had to deal with being new to science. He, however, procured the best works attainable, and began his studies, pursuing them with unremitting diligence. At the same time he began the practical study of the subject in orchard and vineyard, spending day after day and night after night in studying the habits of all varieties of fruit and vine pests. Very soon he had gathered a valuable and new fund of information of the highest value to scientific world and of the deepest interest to all fruit and grape growers. His investigations were constant for three successive years, and were prosecuted in various sections of the State. In these investigations he gathered a large and valuable cabinet, and made microscopic study the duty of the student as well as the waking hours. He adhered to his purpose with almost stubborn pesistency, and refused to be turned aside by doubters on the one hand and the sneers of the uninformed on the other. Meanwhile he communicated his discoveries from time to time to the public press, the great bulk of his articles appearing in the RECORD-UNION. These attracted widespread attention, and presently

THE WHOLE STATE

Stood watching Mathew Cooke in his search for remedies for insect fruit pests. In January, 1879, he issued an address to the fruit-growers of California. This pamphlet had a broad circulation, and his private means were heavily taxed to supply the demand for the little book, in which, in plain and simple but convincing language, he set forth the result of his investigations, and warned the horticulturists and viticulturists of the dangers that threatened their industry. He prophesied exactly what would come to pass unless the most stringent precautions were taken. His forecast time proved to be strictly true, and to-day California fruit-growers admit that there was no error in his judgment. In his pamphlet he frankly stated that the preservation of his own business had been the original incentive to his investigations. While this was true, he should have added that it soon became a secondary consideration—the philanthropist rose superior to the man, and he gave the result of his researches freely to the world. The remedies he suggested he not only detailed, but he furnished the articles themselves free of cost to all who applied, and continued to do so until the demand became so great that his private means were inadequate to meet it. Even then he sought to make no profit upon the misfortune of his neighbors, but put them in the way of themselves procuring the needed remedial articles, and never refused to go in person and examine infected orchards and suggest treatment. In November of that year he published

A SECOND PAMPHLET,

Embracing the first with all the information gained since its issue, and the results of his examinations of hundreds of specimens of fruit and vine pests sent to him from all over the coast. Ten thousand copies of this book he distributed at his own cost. It was entitled "The Natural History and Habits of the Codling Moth" (or apple-worm). Everywhere fruit-growers sought for the work. Mr. Cooke's correspondence grew to such proportions that he could not reply to the eager inquirers. Through the press, however, he continued to agitate the subject till March, 1881, when it had grown to such proportions that the Legislature passed laws for the protection of horticulture, and appropriated money to enable the proper board to set on foot the necessary measures to check the pest in its march of destruction. In April, 1881, Mr. Cooke was elected

CHIEF HORTICULTURAL OFFICER

Of California, a position that is practically that of State Entomologist. The selection was approved throught the State, and for once in our history the people were unanimous in their verdict of the man for the place. October, 1881, Mr. Cooke issued his treatise on "Insects injurious to fruit and fruit trees in California, and remedies for their extermination." Of this 7,500 copies were issued from the State Printing Office, and a second edition of 2,500 copies became necessary. The demand for it came from all parts of the continent. He is now engaged on a third revised and enlarged edition of the work. Professor Hilgard says of Mr. Cooke: "He is about the only entomological writer I ever knew who has not had to take back one single word of all he has written." Professor Jolly, an eminent French scientist, gave the work his indorsement, and recommended the French Government to embody it in a similar work for its people, because, by reason of its simplicity and clearness, all could understand it. Mr. Cooke has the confidence and indorsement in his work of such distinguished men as Professor Comstock, of Cornell University and late United States Entomologist, and of Professor C. V. Riley, Entomologist of the Department of Agriculture at Washington. A few days ago (July 10th) Mr. Cooke was re-elected to the position of Horticultural Officer by the State Board of Viticulture, the confidence of which he fully enjoys. Chiefly through his influence a large and most

IMPORTANT CONVENTION

Of fruit-growers of California was held in 1881 in Sacramento, the first union of horticulturists ever effected on the coast. Mr. Cooke has, at two successive State Fairs, had on exhibition a large and most interesting microscopic exhibit of fruit and vine pests, in all the stages of their existence. The score of microscopes and hundreds of specimens at these exhibits he places in charge of a group of intelligent boys, who compose what is known as the Agassiz Institute of Sacramento. These youths Mr. Cooke takes great pleasure in instructing, and manages to find time to meet with them every Saturday, and lead them in their entomological studies. He has fitted up for them a neat room, where by his and their own exertions is now gathered a collection in natural history and in geology that is valued very highly, and which is daily increasing in importance. Mr. Cooke has visited every fruit-growing section, from Tehama to San Bernardino, and has addressed the people at many assemblies at their earnest request. He is an ardent advocate of what may be called the quarantine system for fruit packages, and by which all boxes once used must be thoroughly cleansed before being returned to the orchard, and also of the system which compels orchardists to cleanse their trees, as he holds that a single infected and uncleaned branch will negative the efforts of an entire section in the work of exterminating fruit pests. During all the time described Mr. Cooke has unused his private business, and when not off on official duty or studying new developments in orchard or office, may be found

WITH BARED ARMS

And hardened hands busily toiling in his factory, where he takes especial pleasure in giving employment to boys and girls and youths, preferring their labor at all times when it is possible to employ it. He is a plain, genial and generous-hearted man, of heavy frame and features. He is possessed of much natural wit and the most social spirit imaginable, but with enough firmness and determination to conquer success in the face of apparently insurmountable obstacles. Mr. Cooke was a few years ago honored by his fellow citizens by election to the city Board of Education, where he made a vigorous fight for the introduction of mechanical education and industrial drawing into the schools and other progressive ideas. His efforts to save the orchards of California have not always been well received, and he has had to meet opposition, resist selfish and narrow views, fight opposing ideas, struggle with ignorance, and even superstition, and above all to wrestle with

THAT TOO LARGE CLASS

Which holds society has no right to compel men to any specific performance, that the whole community may thereby be spared from the result of their ignorance and willful disregard of the rights of others. It may here be remarked that the war against insect pests, as inaugurated by Mr. Cooke, has in one year doubled the value of orchard property in Santa Clara county. At the time of Mr. Cooke's first exhibit of insect pests, made at the State fair of 1880, the RECORD-UNION editorially remarked:

There is no more interesting exhibition in the State Fair this year, than that which Mr. Cooke furnished. Mr. Cooke is neither an agriculturist nor a scientific man, yet he has developed into a self-made naturalist, and he has already been enabled to confer great and permanent benefit upon the fruit-growers of California. All his labor and research grew almost insensibly out of small beginnings, but now Mr. Cooke knows more about the codling moth than any man in California, and, moreover, his interest has widened so as to take in the scale insect, the phylloxera, and various other pests of the field, orchard and vineyard. The same patient investigation and intelligent reflection which have enabled him to conquer the codling moth will, we trust, also give him the victory over his new adversaries. It is by such unselfish and persistent irquiry and experiment that the most important discoveries are often made, and such self-taught naturalists as Mr. Cooke have frequently conferred more benefits upon their generation than more fully equipped scientists.

CATARRH

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Complete Treatment, $1.

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Sneeze until your head is ready to fly off, eyes and nose running water, throat parched and blood feverish or take SANFORD'S RADICAL CURE for Catarrh and be cured.

Complete Treatment, $1.

Witch Hazel, American Pine, Canada Fir, Marigold and Clover Blossoms are what Sanford's Radical Cure for Catarrh is made of. One bottle Radical Cure, one box Catarrhal Solvent and Sanford's Inhaler, in one package for $1. Sold everywhere.

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MALT, HOPS, QUININE BARK, ETC.

A Blood Food for

DELICATE WOMEN, NURSING MOTHERS, SICKLY CHILDREN, THE AGED, CONVALESCENT, OVERWORKED, CAREWORN, EMACIATED, NERVOUS AND SLEEPLESS.

56 Times More Nourishing than any Malt Liquor, while free from its injurious properties.

The PIONEER BOX FACTORY

Still Ahead of all Competitors.

COOKE & SON

CORNER OF

Fron and M Streets.....Sacramento

jy24-4ptf

FOUNTAIN STABLES,

J St., bet. Tenth and Eleventh.

THIS ESTABLISHMENT HAS RECENTLY changed hands, and will hereafter be conducted as a first-class Livery, Feed and Sale Stable. Thirty-five fine Horses and first-class Rigs of all kinds, including Hacks, for hire.

STABLES KEPT OPEN DAY AND NIGHT. Several good Horses for sale. Also, good new Eastern Carriages at remarkably low figures.

jel0-4plyr **GEO. McDANIEL, Proprietor.**

PIONEER LIVERY STABLE.

T. D. SCRIVER.....Proprietor.

HACKS ON CALL AT ANY HOUR, day or night. Coupes, Phaetons, Rockaways, Barouches, Buggies, with the best roadsters to be found in any livery stable on the coast, for hire. Horses kept in livery at reasonable rates. Livery Stables on corth street, between I and J.

PATENT PROCESS FLOUR,

MANUFACTURED BY THE

Sacramento Valley Patent Process Flouring Mills, Madison, Cal.

THE MILLS HAVE ALL THE LATEST IMproved Machinery, and produce FLOUR equal to any to be found in the world.

WOOTTEN BROS. & TROOP, Prop's.

je27 4ptf GEO. B. BEATY, Miller.

NAPA COLLEGIATE INSTITUTE,

NAPA, CALIFORNIA.

Fall Session will open July 26, 1882.

J. FRANK CLARK,

UNDERTAKER,

No. 1017 Fourth st., bet. J and K.

Always a complete stock in store. Country orders receive prompt attention. jel-4pim

A. J. VERMILYA,

County Coroner and Undertaker,

Has removed to No. 520 J street, bet. Fifth and Sixth. Always on hand a large assortment of Metallic and Wooden Caskets, Burial Cases and Coffins. Shrouds furnished and Funeral Wreaths Preserved. Coffin orders will receive prompt attention on short notice and at the lowest rates.

FRITZ & MILLER,

UNDERTAKERS.

OFFICE IN ODD FELLOWS' TEMPLE, Ninth and K streets. Complete stock of UNDERTAKERS' GOODS constantly on hand. City and country orders promptly attended to, day or night, at reasonable rates. je1

SPIRITUALISM.

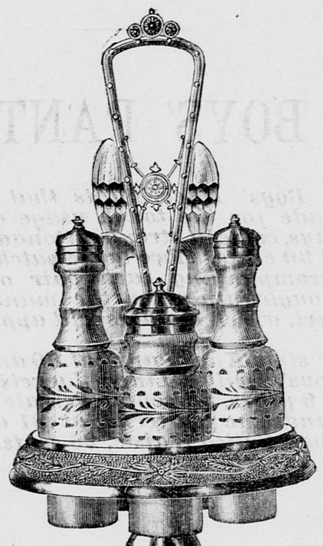
MRS. EMMA A. MAYER (FORMERLY MRS. Jeffries), Trance Medium, 626 I street, near Seventh, can be consulted daily. je10-1m

MISCELLANEOUS.

GARLAND RANGE

$2 50

FOR THIS BEAUTIFUL



CASTER!

This is one among the many specialties we bought while on our trip through the Eastern manufactories. Some are in stock, and others to arrive during the season.

CALL AND EXAMINE AND GET PRICES.

L. L. LEWIS & CO.,

Nos. 502 and 504 J st., and No. 1009 Fifth st., Sacramento.

GARLAND RANGE

—THE—

BEST and MOST RELIABLE

WATCHES

To be found upon the Pacific coast are sold by the

H. WACHHORST,

THE

Leading Jeweler of Sacramento.

The superiority of the WATCHES kept by him, as specially fine timekeepers, is now generally known.

He also has constantly in extensive stock

DIAMONDS, JEWELRY, SILVER AND SILVER-PLATED WARE, OPERA AND FIELD GLASSES, CLOCKS, ETC., ETC.,

Received daily directly from the factories.

WATCHES, CLOCKS AND JEWELRY REPAIRED BY THE BEST WORKMAN.

All country orders promptly attended to.

SIGN, THE TOWN CLOCK,

No. 315 J st., bet. Third and Fourth, Sacramento.

je20-4plyTuThS

WE OFFER FOR SALE

Ten Thousand Bundles Bessemer Steel Soft Annealed

BALING WIRE!

The Only Steel Baling Wire in Market.

Ten Thousand Bundles Sisal Hay Rope, Five Thousand Bundles Manila Hay Rope.

ALSO, THE

"ECONOMY" HAY PRESS!

WHICH IS THE BEST HAY PRESS NOW TO BE FOUND. WE ALSO OFFER A NEW LINE OF

SPRING WAGONS, BUGGIES AND CARRIAGES, BARBED WIRE, ETC.

Baker & Hamilton.

je23-4ptf

HOTELS AND RESTAURANTS

GOLDEN EAGLE HOTEL,

CORNER SEVENTH AND K STREETS, SACRAMENTO.—First-class in every respect. The Largest, Finest and Best-Ventilated Hotel in the city. RATES—$3, $2 50 and $2 per day, according to room. Free Bus to and from the Depot.

J. McNASSER (late of Denver), Proprietor.

jy4-4plm

HOTEL LANGHAM,

CORNER FOURTH AND L STREETS, SACRAMENTO—Strictly first-class, on the European plan. T. D. Scriver's Carriages will take all passengers free of charge from Depot to Hotel.

jy1-4plm TERRY & CO., Managers.

UNION HOTEL.

SECOND AND K STREETS, SACRAMENTO, Cal. Rooms, 50 cents and $1 per day. Special rates by the month. Billiards, choice liquors and cigars. Hot lunch daily from 11 A. M. till 2 P. M.

jy1-4plm W. O. ("JOE") BOWRS, Proprietor.

RESTAURANT DE FRANCE,

427 K STREET, ADJOINING the Metropolitan Theater. Handsome Private Rooms for parties.

LOUIS PAYEN, Proprietor,

je20-4plm Formerly of the Hotel de France.

COLONNADE HOUSE,

No. 1260 Market Street,

SAN FRANCISCO.

TO EASTERN AND COUNTRY TRAVELERS we call attention to this elegant first-class house. Rooms with Board, $1 25, $1 50 and $2 per day. Market street Cars pass the door. je19-1m

MISSISSIPPI KITCHEN.

OYSTER AND CHOP HOUSE,

Third Street, Between J and K.

NEXT DOOR TO RECORD-UNION office. Open day and night.

A. J. SENATZ, Proprietor.

al9-4plm

REDEMPTION OF BONDS.

NOTICE IS HEREBY GIVEN THAT IN ACcordance with the terms of the Bonds issued by the Pacific Rolling Mill Company, the Directors of said Company have determined by lot the numbers to be redeemed at its office, No. 202 Market street, in the city of San Francisco, on the 15th day of JULY, A. D. 1882, with the following result:

4	154	243	412	458
28	171	254	418	469
89	199	273	420	473
99	214	331	443	485
153	225	396	444	495

Which Bonds will be paid in United States Gold Coin, on said 15th day of JULY, A. D. 1882, upon surrender of the same with Coupons attached, and interest thereon will cease from and after that date.

San Francisco, June 14, 1882.

CHARLES M. KEENEY, Secretary Pacific Rolling Mills Co.

Office, No. 202 Market street, San Francisco, Cal.

je16-td

SACRAMENTO BANK.

Dividend Notice.

AT A MEETING OF THE BOARD OF DIRECTORS of the Sacramento Bank, held July 7th, a dividend was declared to the stockholders of record ing June 30, 1882, at the rate of (4) four per cent. per annum on ordinary deposits, and (5½) five and one-third per cent. per annum on term deposits and paid-up stock, and payable on and after July 10 1882. jy10-6t ED. R. HAMILTON, Cashier.

PEOPLE'S SAVINGS BANK.

Dividend Notice.

THE BOARD OF DIRECTORS OF THE PEOple's Savings Bank have declared a dividend to Stockholders and Depositors for the term ending June 30, 1882, at the rate of five and one-third (5½) per cent. per annum, free of all taxes, payable on and after July 10th.

jy10-1w WM. F. HUNTOON, Cashier.

MONEY TO LOAN

—ON—

GRAIN

IN WAREHOUSE, OR OTHER APPROVED SECURITY,

AT LOWEST MARKET RATES, BY

California State Bank,

SACRAMENTO, CALIFORNIA.

jy6-tf

JAMES LAWRENCE ENGLISH, BANKER,

NO 1010 FOURTH STREET, BETWEEN J and K, Sacramento.

Commercial and Savings Deposits received, and a general banking business done.

Exchange on San Francisco and the East.

Interest was paid on Savings Deposits in this Bank, for the Semi-Annual Term ending DECEMBER 31st, at the rate of 6½ per cent. per annum. jy1-4plm

NATIONAL GOLD BANK

—OF—

D. O. MILLS & CO.,

SACRAMENTO.

UNITED STATES DEPOSITARY.

EXCHANGE ON

San Francisco, New York, Chicago, London, Dublin, Paris, Glasgow,

Berlin, Frankfort-on-Main, Vienna, St. Petersburg, Copenhagen, Stockholm, Christiana, Amsterdam, Antwerp, Geneva, Venice, and all of the principal cities of Europe.

This Bank has correspondents in Mexico, South America, West Indies,