

# Hillsboro Independent.

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No. 43

## PROFESSIONAL CARDS.

**THOS. H. TOUGHEE,**  
Notary Public.

**THOS. H. & E. H. TOUGHEE,**  
ATTORNEYS-AT-LAW,  
HILLSBORO, OREGON.  
OFFICE: Rooms 3, 4, & 5, Morgan Block.

**W. S. BARRETT,**  
ATTORNEYS-AT-LAW,  
HILLSBORO, OREGON.  
OFFICE: Central Block, Rooms 6 and 7.

**BENTON BOWMAN,**  
ATTORNEY-AT-LAW,  
HILLSBORO, OREGON.  
OFFICE: Rooms 6 and 7, Morgan block.

**JOHN M. WALL,**  
ATTORNEY-AT-LAW,  
HILLSBORO, OREGON.  
Bailey-Morgan Block, Rooms 1 & 2

**S. T. LANKLATER, M. D.,**  
PHYSICIAN AND SURGEON,  
HILLSBORO, OREGON.  
OFFICE: at residence, east of court house, where he will be found at all hours when not visiting patients.

**J. F. TAMMESIE,**  
**S. P. R. SURGEON,**  
HILLSBORO, REG. N.  
OFFICE AND RESIDENCE: corner Third and Main Streets. Office hours, 8:30 to 12 p. m., 1 to 5 and 7 to 9 p. m. Telephone to residence from Block & Bell's Drugstore at all hours. All calls promptly attended, night or day.

**F. A. BAILEY, M. D.,**  
PHYSICIAN AND SURGEON,  
HILLSBORO, OREGON.  
Office: Morgan-Bailey Block, up stairs, rooms 12, 13 and 14. Residences, N. W. Cor. Howe Lane and Second streets. Both 'Phones.

**J. E. ADKINS,**  
DENTIST,  
HILLSBORO, OREGON.  
OFFICE HOURS: 9 a. m. to 4:30 p. m.  
Office in Union block over Pharmacy

**H. NIXON,**  
DENTIST,  
FOREST GROVE, OREGON.  
Best art. and teeth \$3.50 per set. Cement and Amalgam fillings 50 cents each. Gold fillings from \$4 up. Vitalized air for painless extraction. Over: three doors north of Brick store. Office hours from 9 a. m. to 4 p. m.

## THE GRAND CANYON OF THE ARKANSAS.

Easiest of access among all the Canyons of Colorado, being situated on the main line of the Denver & Rio Grande between Canon City and Salida in the front range of the Rockies, is the most spectacular, awe-inspiring and magnificent. Down this mighty cleft in the heart of the granite rock-barrier rush the raging waters of the Arkansas River, lashed into foaming fury and dashed into spinning spray by its swift descent through the tortuous defile. So narrow is the passage at one point that there was no room for both the road and river, and therefore a curiously constructed bridge of steel had to be thrown lengthwise of the stream, suspended from iron supports mortised into the canon walls on each side to the right and left. And right here can be seen the climax of all the canon's grandeur, that which has been aptly called "The Royal Gorge." For two thousand six hundred feet the solid monoliths soar upward—five times as lofty as the Washington Monument, the highest permanent structure reared by the hand of man. No words can adequately describe the magnificence of the scene. Only those who have beheld its glories can appreciate them.

This is but one of the many wonders of nature revealed to the traveler on the Denver & Rio Grande Railroad, "The Scenic Line of the World." For detailed information about this most delightful trip to the East, Address J. D. Mansfield, Gen'l Agt, Rio Grande System, Portland, Oregon.

## CASTORIA

For Infants and Children.

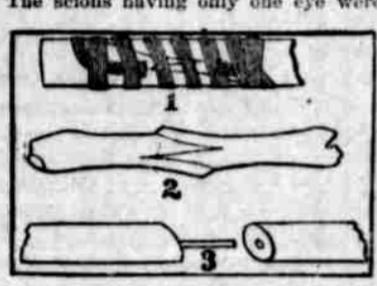
The Kind You Have Always Bought  
Bears the Signature of *Wm. D. Gifford*

## FRUIT FLOWERS

### VINE GRAFTING.

Tests of Various Styles of Grafts and Other Important Points.

Results of experiments in bench grafting resistant vines have recently been reported from the California experiment station. The experiments included tests of the relative value of English and Champaign grafts, leaving two eyes on the scions and leaving only one. Preliminary engrafting in sand, planting out in the nursery immediately after grafting and callusing in straw covered with sand. The cuttings used varied from one-fourth to one-half inch in diameter and were from six to nine inches long. The lower cut was made through the knot of the bud and the last internode of the upper end left as long as possible. All the buds on the stock were carefully removed, a deep cut being made in order to remove the adventitious buds at the base of the main bud.



GRAFTS FOR GRAPE CUTTINGS. 1, English cleft; 2, Champaign; 3, end to end.

cut through the second knot in order to leave the eye protected by a closed internode. With the scions having two eyes the upper cut was made about an inch above the second bud eye. Care was taken to prevent the drying out of the cuttings and afterward of the grafts.

End to end grafting as originated in France was practiced in some instances. The number of successful grafts obtained by this method was low, but those that did unite made excellent unions. In grafting by this method the ends of stock and scion are cut at an angle of about 70 degrees and held in place by a piece of galvanized wire, which is pushed into the pith of each piece.

The proportion of successful Champaign grafts was slightly greater than that of the English cleft. The successful English cleft grafts, however, were considerably superior to the other in the matter of completeness and strength of union.

The experiments with two eye and one eye scions were, on the whole, in favor of the use of two eyes.

The difference between callusing the grafts in sand and planting them directly in the nursery as soon as made was very striking. Those previously callused produced 61 per cent of good unions, while the others produced but 26 per cent. There was also a difference in the growth of the grafts in favor of those callused in sand.

**The Line of Beauty.**  
Many mistakes are made in locating walks and drives about our homes. The curved line is not used enough or it is unappropriately used. In many of our rural homes a straight walk is the only walk we find. A straight walk is the only kind that is permissible, people often think, yet there are many cases where a simple curve could be introduced with a very great effect.

As the poet says, "Straight is the line of duty; curved is the line of beauty," and wherever it is possible to introduce a curve we are gaining that much more toward ornamentation. If the distance from the street to the house is not more than ten feet, a straight walk is imperative, and it may be at 20 feet, although at that distance a curve may be made possible by placing our entrance not directly in front of the door, and then by a slight bend the walk is made more effective, particularly if there is a slight elevation coming from the street.

Sometimes we can introduce a flower bed as a reason for the making of a curve or plant a tree or shrub.

## FRUIT AND FLOWER

### THE NEWER CARNATIONS.

Improvements of the Last Ten Years. Some of the Popular Varieties.

Greater improvements have been made with carnations during the past ten or fifteen years than with any other flower grown in a commercial way under glass. None of the sorts in favor ten years ago is grown now to any extent, and most of them are forgotten.



PINK CARNATION GENEVIEVE LORD.

Mrs. George M. Brandt, a variegated flower, white, striped with bright scarlet, is remarkable for its large size and delightful fragrance. Psyche is another good large striped flower and very free blooming. Among whites White Cloud and Flora Hill are best. Evellina is a dwarf growing sort, which makes it valuable to grow on the side benches.

Queen Louise is a pure white, and a large Pennsylvania carnation grower says it has always proved to be the best white ever grown at his place. It has large flowers, long, stiff stems, is moderately fragrant, a continuous bloomer, has no grass, no disease and is a strong grower. Geneva and Storm King are among the older sorts still grown to a large extent.

The best scarlet is G. H. Crane, but America is a "freer" grower. Mrs. Thomas W. Lewis, the famous thirty thousand dollar carnationist, is a beautiful pink, large, with long, stiff stems, and a seedling of Edna Craig crossed with William Scott, is very fine. The plants are free bloomers, while the flowers are large and produced on very long, stiff stems, as in the accompanying illustration.

Ethel Crocker is a bright pink with a clove-like fragrance. The Marquis is considered an ideal pink.

The best known yellows are Buttercup, Mayor Pinyon and Gold Nugget. Maceo is an acquisition to the crimson varieties, and General Greene is another good one. Governor Roosevelt is the most perfect striped flower known. It is a new dark blood red sort and has large flowers and all the good points desired in a first class flower and plant, says American Agriculturist, in which occur the foregoing comments.

**Peach and Plum Stock.**  
In the Pacific Northwest the principal stock is peach and Myrobalan plum. In France, Germany and Austria all plums are grown on plum stock, and peaches are also grown on it to some extent.

The common stock for the Agen prune is the St. Julian; for the German prune, as we know that variety, and the Hallan, St. Julian and White Damson; for the Mirabelle, St. Julian and Myrobalan. Nurserymen prefer to use the latter, but growers think trees on Myrobalan are much shorter lived than those on St. Julian. As no well authenticated experiments have been made, this opinion is not decisive. The reason French horticulturists give for using plum root for peach is that the plants are longer lived, are more vigorous, a deeper feeder and less susceptible to adverse soil conditions. When planted next to a building, it will send its roots deep into the soil below the basement and derive part of its substance from there, while the peach will draw on the soil in the border which is desired for other crops.

When it is known that a very large proportion of the peaches of France are grown on espaliers, on high walls and sides of buildings, the force of the position taken by the French growers and propagators is apparent.—Professor E. R. Lake in American Gardening.

## RECLAMATION OF ARID LANDS.

The house committee on irrigation of arid lands yesterday reports the Washington Post of March 24, ordered a favorable report on the bill drafted by senators and representatives of the Western States, with an amendment giving each state and territory the major portion of the irrigation fund derived from its public land sales. The bill has been before the committee for some weeks, and has undergone minor changes, the amendment added yesterday being the first of real importance.

As originally framed the bill created a general fund from proceeds from the sale of public lands in the arid land states, and the secretary of the interior being given authority to expend this amount in the reclamation of the arid tracts. Chairman Tongue, of the committee, has maintained that this gives the secretary of the interior too wide a discretion, and that each state should retain the bulk of its own public land sales. It was his amendment which prevailed yesterday, all the members present voting for it except Mr. Newlands, of Nevada, one of the original framers of the bill. The report will be drafted by Representative Mondell, of Wyoming, and will be urged by its friends to early consideration in the house.

**Can't Keep It Secret.**  
The splendid work of Dr. King's New Life Pills is daily coming to light. No such grand remedy for Liver and Bowel troubles was ever known before. Thousands bless them for curing Constipation, Sick-Headache, Biliousness, Jaundice and Indigestion. Try them. 25c at Delta Drug Store.

When the battle ship Iowa was decked recently at a Chilean port the inhabitants gave the vessel and its crew quite an ovation. Chili has decided that making faces at Uncle Sam is a waste of time and a losing game.

**Practically Starving.**  
"After using a few bottles of Kodol Dyspepsia Cure my wife received perfect and permanent relief from a severe and chronic case of stomach trouble," says J. H. Holly, real estate insurance and loan agent, of Macomb, Ill. "Before using Kodol Dyspepsia Cure she could not eat an ordinary meal without intense suffering. She is now entirely cured. Several physicians and many remedies had failed to give relief." You don't have to diet. Eat any good food you want, but don't overload the stomach. Kodol Dyspepsia Cure will always digest it for you. Delta Drug Store.

Cuba will begin to govern itself without a public debt and a receipt of customs revenues amounting to \$16,000,000 a year. With this start the island will make both ends meet unless it plunges at once into extravagance.

## Could Not Breathe.

Coughs, colds, croup, grip, bronchitis, other throat and lung troubles are quickly cured by One Minute Cough Cure. One Minute Cough Cure is not a mere expectorant, which gives only temporary relief. It softens and liquefies the mucous, draws out the inflammation and removes the cause of the disease. Absolutely safe. Acts at once. "One Minute Cough Cure will do all that is claimed for it," says Justice of the Peace, J. H. Hood, Crosby, Miss. "My wife could not get her breath and was relieved by the first dose. It has been a benefit to all my family." Delta Drug Store.

Four of Uncle Sam's battle ships have been ordered to Colombian waters as a safeguard of American property interests. They may also be regarded as a first-class guarantee of peace.

## For The Complexion.

The complexion always suffers from biliousness or constipation. Unless the bowels are kept open the impurities from the body appear in the form of unsightly eruptions. DeWitt's Little Early Risers keep the liver and bowels in healthy condition and remove the cause of such troubles. C. E. Hooper, Albany, Ga., says: "I took DeWitt's Little Early Risers for biliousness. They were just what I needed. I am feeling better now than in years." Never gripe or distress. Safe thorough and gentle. The very best pills. Delta Drug Store.

**CASTORIA.**  
The Kind You Have Always Bought  
Bears the Signature of *Wm. D. Gifford*

If Cuba is to try the experiment of self-government—and apparently she is—it is well for the United States to arrange for the establishment of naval stations in the island. This is what Secretary Long has started to do. Of course, the United States naval stations will be for the protection of the interests of the United States. The Cubans know this. The world as well as Cuba will be aware that the republic of Cuba will be to a certain extent under the guardianship of the United States. This will be an element of strength for Cuba, morally as well as physically. It will give steadiness to the value of all sorts of property in the island, whether it is owned at home or abroad and it will make Cuba's future, either as an independent nation or as, by its own consent, a part of the United States, certain. The Cubans are a fortunate people to have such a powerful, liberal and disinterested friend as they possess in the United States.

**Surgeon's Knife Not Needed.**  
Surgery is no longer necessary to cure piles. De Witt's Witch Hazel Salve cures such cases at once, removing the necessity for dangerous, painful and expensive operations. For sores, cuts, burns, wounds, bruises, sores and skin diseases it is unequalled. Beware of counterfeits. Delta Drug Store.

Congressman Wheeler is badly cut up by a venerable Kentuckian's gift of peach brandy to Prince Henry. This is the supreme compliment in Kentucky and several notches ahead of the freedom of the state.

## PERSPIRATION A HEALTH SENTENTIAL.

"Perspiration is essential to health," writes Edward B. Warman in the August Ladies' Home Journal. "A person in good health never suffers from the heat or the cold unduly exposed. One may be inconvenienced by excessive perspiration, but it is a condition of health rather than to be sought than to be avoided. Too much of a good thing, however, is not desirable. Proper care of the body, proper diet, proper exercise, with proper bathing, will produce the normal condition—in which condition the heat will not oppress any one. Let me especially caution against too sudden checking of perspiration. Millions of canal tubes from the inner part of the body open their little mouths at the surface, and through these channels, as ceaseless as the flow of time, a fluid containing the wastes and impurities of the system is passing outward and is emptied out of the skin. This fluid must have exit or we die in a few hours. If it does not have vent at the surface of the body it must have some internal escape. Nature abhors shocks as she does a vacuum. Heat distends the mouth of these ducts and promotes a larger and more rapid flow of the contained fluid, on the other hand, cold contracts them, and the fluid is at first arrested, then dammed up, and then it rebounds. If these mouths are gradually closed then nature has time to adapt herself to the circumstances by opening her channels into the great internal waterways of the body, and no harm follows; hence the safety and wisdom of cooling off slowly after an exertion, and the danger of cooling off rapidly under the same circumstances. Encourage perspiration, under proper conditions and with proper precautions. Always keep the surface of the body warm and clean, and at the end of the season you will be mentally, morally and physically sound."

**Would Smash the Club.**  
If members of the "Hay Fever Association" would use Dr. King's New Discovery for Consumption, the club would go to pieces, for it always cures this maldy, and Asthma, the kind that baffles the doctors—it wholly drives from the system. Thousands of once-hopeless sufferers from Consumption, Pneumonia, Bronchitis owe their lives and health to it. It conquers Grip, saves little ones from Croup and Whooping Cough and is positively guaranteed for all Throat and Lung troubles. 50c, \$1.00. Trial bottles free at Delta Drug Store.

It is suggested by the Clinton (Mo.) Republican that if Democratic obstructionists will look after present demands in the Philippines their expansionist sons will attend to the future necessities of the islands. Mosbacks will interest posterity only as curiosities.

## MINES OF MYRTLE CREEK.

The Roseburg Review has this article upon the mines of a district in Douglas county:

Development work goes steadily on in South Myrtle mining district and each day's work manifests more certainly the fact that a mining camp of no small importance will soon be established in that section.

Prospecting has been carried on throughout the winter and new discoveries are being reported every few days. How valuable these new discoveries may prove will not be ascertained until spring opens so that they can be properly developed.

The three principal mines in which development work is being done are proving to be very rich in gold, silver and copper, and thousands of dollars worth of ore is now in sight and on the dumps. The ore taken from the Little Chieftain is being sacked as soon as it comes from the shaft. This is one of the mines Messrs. Loudon & Heunrich have bonded. The amount of the bond (reported at \$7000) is insignificant compared with the value of the mine as it is, even now, with only one shaft down to a depth of eighty feet. The Continental mine, which these same gentlemen have bonded for \$12,000, is a valuable piece of property. A fine body of ore has been uncovered, but for some reason is not being removed from the mine. Ore from this mine and also from the Little Chieftain carries gold to the amount of \$1800 per ton, and one of the owners recently stated that some of the best of the ore would go as high as \$8000 per ton. These two mines employ a force of eleven men. Adjoining the Continental is the Hall mine, bonded by A. Johnson and J. H. McCarty, of Portland, for \$12,000. These gentlemen have a force of seven men at work and probably have \$5000 worth of ore on the dump. This carries large quantities of gold, copper and silver. The latest assay showed \$1700 in gold per ton, besides a very high assay in copper and silver. The body of ore in all three of these mines varies in width from eighteen inches to five feet, and at times the workers come to places where all of the quartz matter has been blown out and the space between the walls filled in with base rock. Such a state exists at present in the Hall mine and also in the Continental. This has happened before, however, and does not worry owners, for whenever they come to the ore again it shows greater width as well as richness.

The conductor mine, owned by P. Finzer and Conductor Cummings, of Albany, carries a large amount of free gold. Decomposed rock and dirt panned from this mine will go from 10 to 30 cents per pan. A tunnel is being run to strike this ledge at a depth of 150 feet, and the owners are very confident that when they do this a body of free milling ore will be found that will rival anything ever struck in Southern Oregon.

A. L. Ady, W. A. and Walter Newton are working on a promising prospect on Mr. Ady's farm. Cloddy Chaney has a well defined ledge on his farm two miles below the Continental mine, and so has Noah Selter.

Just south of these two mines is C. E. Bogue's mine. This carries gold in paying quantities. One assay shows gold to the amount of \$48 per ton. Besides these ledges some six or eight more of less importance have been discovered and will be developed more or less during the coming summer.

## The Vice of Nagging

Clouds the happiness of the home, but a nagging woman often needs help. She may be so nervous and run-down in health that trifles annoy her. If she is melancholy, excitable, troubled with loss of appetite, headache, sleeplessness, constipation or fainting and dizzy spells, she needs Electric Bitters, the most wonderful remedy for ailing women. Thousands of sufferers from female troubles, nervous troubles, backache and weak kidneys have used it, and become healthy and happy. Try it. Only 50c. Delta Drug Store guarantee satisfaction.

Senator Lodge said in a speech last week that the United States has given the Filipinos schools, habes corpus, prompt courts, a new legal code of procedure, and a start on the road to civil government, and that "every step has been in accordance with the wise and kindly policy of the president who is dead." These are facts as opposed to the empty talk about imperialism.

## NEWS OF THE STATE.

The tannery at Eugene is employing ten men, and 500 hides per month are handled.

Immigrants are coming by the train load. Already fifty cars have been landed on the northwest coast.

The logging stream law enacted by the last legislature has been held by Judge Boise, of the third district, to be unconstitutional.

Three men are employed in Corvallis making gopher guns. An order for 1000 was received from a Montana dealer last week.

An evangelist named Marshal is conducting revival meetings in Roseburg, two services daily. The "Modern Dance" is one of his themes.

The Postal Telegraph & Cable Company, by the Portland agents, are at work to get the same rates to the Orient as are allowed in San Francisco.

The Albany Herald asks for two changes in the tax law. Pay in the fall and knock out the 3 per cent premium for payment before March 15th.

The town of Wasco, in Sherman county, is enacting a license law by which all the industries and professions will be specially taxed to raise money for the support of the government.

A rumor is current in Astoria to the effect that the Northern Pacific Railroad Company has bought the Columbia River and Astoria Railroad. The company already owns that part of the road between Portland and Goble, almost one-half the distance from Portland to Astoria.

The city of Roseburg has closed a contract with a local water and light company to furnish and operate fifteen 450-Watt alternating enclosed arc lights, same as those used in Forest Grove, and twenty-two 16-candle power incandescent lamps. The price to be paid for the service, which is all night, is \$120 per month.

The weighing of all mail matter by the officials of the railway service has commenced. The postoffice department has issued instructions ordering the weighing of United States mail carried in all railroad routes in Oregon. For 35 days every piece of mail carried on the trains will be weighed, and then an average will be struck, the rate being about \$42.75 per mile per annum for every 200 pounds.

A Corvallis girl was in an accident some time ago when she broke her leg in two places. When united the injured leg was shorter than the other. She went to a hospital in San Francisco, where the bone was again parted and riveted in place with a silver rivet. It is said she is making favorable progress toward recovery. It is now thought that an extra lift of leather on her shoe heel will equalize the length of her limbs so that there will be only the suggestion of a limp.

The Astoria News reports the doings of a big timber company in Clatsop county. Already \$70,000 has been spent in buying land and the bottom of the sack is not yet. A railroad, standard gauge, is to be built from tide water into the hills toward the Nehalem country and ultimately tap the groves on the headwaters of that stream. When the timber is gone the road will be used for general traffic. And there is just where Portland will be hurt. The metropolis is indifferent to a road entering the city from the south and will idly allow a road to be built that will carry freight from the interior to some where on the lower Columbia.

Monroe, Benton county, has a minister who figured in a fight a few weeks ago. The accounts are that he engaged a few days ago in a second altercation. In the first instance only fists were used, but in the last one there was a club, a hatchet and possibly other war like weapons. A letter from Monroe says that the minister was in a store, and that in the course of the conversation, he denounced the Catholic faith in terms so uncompromising that a believer in that doctrine took the matter up. The letter says, "The minister reached for the young man's neck," and a personal encounter resulted, in which the young man finally seized a hatchet and drove the belligerent parson out of the store. The further account is that when he got outside the minister picked up a plank and prepared to renew the struggle, but that the affair finally ended without further trouble.—Corvallis Times.