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Representing the Interests of Western Washington.

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ELDRIDGE MORSE, Editor and Prop'r

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THE SEATTLE COAL MINES,

AT NEWCASTLE, W. T.

THE LARGEST AND BEST
COAL MINE ON THE
COAST.

A Full Description of the present Appearance of the Mine.

Last year quite a full history of this important mine was given in the STAR with a description of its appearance at that time. Recently a couple of visits have been made there, that have furnished additional information in regard to this great coal deposit, and have enabled the STAR to submit much additional matter not previously in print, concerning the present workings of this, the largest coal mine of this coast.

No more of the matter contained in last year's number on this subject will be repeated, than is necessary to make an intelligible description.

OFFICERS.

The leading officers of the Seattle coal company at the mines are:

C. H. Burnett, Superintendent.

J. V. Roach, Storekeeper.

T. L. Flanigan, Foreman of outside work.

E. W. Lewis, Foreman of inside work in the main mine.

John Murray, Foreman of Number 4.

Dr. Bryant is the resident physician, and Miss Monahan is teaching the school there. A substantial church edifice free to all denominations is in the town, in which religious services are held most every Sunday, but there is no regular clergyman or church established there. E. Polhemus, the Gen. Agt. of the company has his office on Commercial Street in Seattle, near the wharf of the Seattle and Walla Walla railroad company.

SITUATION.

The town of Newcastle is situated only some four miles east of Lake Washington. The level of the railroad track at the loading station, foot of the bunkers' is some 360 feet above the lake, and the entrance to the main mine is some 410 feet above the level of the lake. The lake itself is supposed to be some ten to twenty feet above the level of the Sound. This would make the entrance of the mine about 425 feet above the sea.

A gentleman by the name of Lewis, at present a resident of Seattle, first discovered and opened the mine. He soon after sold out to the company organized to work the coal there deposited.

Mr. Shaddock of San Francisco has ever been the leading spirit of this great

coal company. His talents have always rendered his services indispensable to the welfare and success of the company.

TRANSPORTATION.

The first tunnel was run from coal creek, east of Newcastle and the opposite side of the hill to the present entrance of the mine. Less than ten years ago, an insignificant business was done in hauling this coal in wagons from the Lewis tunnel, over a ruff road, to Lake Washington, thence in barges by way of the Black and Dwanish rivers to Seattle.

Then steamers were placed on Lake Union and Lake Washington and a tram way constructed, which with the steamers formed a continuous line to the Co's wharf at Seattle. The cars were drawn by mules on this roadway. Afterwards the locomotive was introduced on these roads, and last winter, on the completion of the Newcastle branch of the Seattle and Walla Walla railroad to Newcastle these former roads were discontinued altogether. There is now direct railroad connection between these mines and deep water, a distance by this road of some 22 miles; but much less than half that in a straight line.

COAL PRODUCED.

The product of the mine has steadily increased with each improvement in transportation. In fact it has usually crowded the transportation afforded.

A few years ago, 100 tons per day was looked upon as a very large yield. Last year some 500 tons per day were delivered for a portion of the year.

The highest figures this season for coal-transportation are as follows:

May 22nd,	88 cars.
July 29th,	" "
" 30th,	89 "
Aug. 7th,	87 "

The usual average per car is about nine and one half ton, although on one of the above days, the run was two tons short of 1000 tons, or 998 tons for a single days work.

Last month the run was 14,300 tons of coal, or an average of over 550 tons of coal per day for each working day.

With the large amount transported to San Francisco, there has been no coal accumulated there for months past.

Should arrangements be effected, so that 1000 tons of coal per day would be transported, probably there would be a good market for all of it. This figure is the ideal point aimed at by those now at the mines. It will probably be reached before another year.

THE WAY COAL IS FORMED.

It is a curious fact that the bituminous coal fields of the Puyallup and the Skagit should be set at right angles in dip and strike of the veins to the lignite coal fields of Bellingham Bay, Renton, Newcastle, etc. Thus Geologists suppose that all coal was formed from vegetable matter deposited in marshy places and preserved from decay, until time and the pressure of rocks formed above it should have reduced it to a uniform carboniferous substance. The differences in age and the circumstances surrounding each deposit accounting for the differences in the coal. Supposing this to be the correct theory, no coal would be found on the surface were it not for the volcano or the earthquake to lift it up; because since the era of the coal deposits, rocks have been formed in many portions of the earth miles in thickness above the coal formation.

At great depths in the earth, the heat is so great that men find it oftentimes most impossible to work in the deep est mines. This cause alone may compel the abandonment of some of the richest quartz of the Comstock lode in Nevada. The great heat of these lower regions converts limestone into marble, sandstone into rock of a crystalline structure, and it is supposed to be the cause of changing the

comparatively soft bituminous and lignite coal into the hard and brittle anthracite, with its glassy surface, metallic appearance and crystalline structure, with almost every trace of its vegetable origin effaced.

This is why anthracite is usually found in the oldest and deepest of the coal deposits. It is the one that has for the longest time been subject to the heat found deep down in the earth.

The only place where it has been found around the Sound is near the summit of the Cowlitz pass on the south eastern surface of Mount Rainier, where rocks of a very ancient date are upheaved by that grand old mountain peak.

As further confirming this view, coal is frequently found in level countries; but when so found, the coal bearing strata is nearly always tilted up one side, showing that they have been elevated from below. Coal veins are most often found on the side of a deep ravine where water has done its work of erosion, and thereby exposed them to view.

The present surface is oftentimes no guide to the changes that have taken place ages ago. It is certain that the changes are of such magnitude, and the surface has been worn away to such an extent that few would believe the account that could be given in regard to the region between the Sound and the Cascade mountains.

DIP AND STRIKE.

The dip of a vein is the line crossing the folding of the strata and following or conforming to its changing surface.

Usually the folds are broken, one end or edge is exposed, this is frequently worn off for an indefinite distance, covered by fresh strata, and all signs of convulsion hid from the eye of every one but the practical miner and geologist.

When this is the case, the vein dips towards the centre of the earth at a certain angle from the horizontal. 90 degrees would be perpendicular. 30 degrees north would be that the strata, or veins of coal inclined downwards 30 degrees as you proceeded from the south towards the north.

The strike or run of the vein is at right angles usually to the dip, thus the Seattle mines at Newcastle, dips 38 degrees north, and its strike or run is only two degrees south of due east from Newcastle. In the Skagit and the Puyallup coal the strike is nearly due north and south, while the dip is all the way from perpendicular, to 60 degrees west on one side of the axis of each mountain where thrown up, to 60 degrees east, on the other side.

That these two kinds of coal should be found at right angles to each other is certainly quite strange.

When the lifting of the veins and strata are slow and gradual, accomplished only by perhaps changes of level, possibly such as would not be noticed, were anyone a witness of them, there will be no faults or breaks in the strata. When sudden earth quakes or the terrific volcanoes do their work of ruin, the strata is so broken, bent, twisted and separated, that oftentimes it is impossible to work a given vein, because its strata cannot be followed.

THE TUNNELS OF THE SEATTLE MINE.

The main gangway or tunnel of a coal mine is usually nearly horizontal, in the strike. The cheapest mines to work are those where the coal is so elevated in the mountains where found, that a tunnel can be run into the side of the mountain, somewhere between 30 and 100 feet above the level of the roadway where the coal is to be loaded into cars. This height is necessary for the bunkers in stowing and screening the coal. Such a gangway drains itself, and the slight incline necessary for drainage, also causes the loaded cars of coal to be pulled out,

as easy as the empty cars are hauled in. The coal to be mined should be above the level of the gangway; the greater the better and the more valuable the mine.

LOCATION OF VEINS.

When work began at Newcastle, four veins were exposed to view on the west side of the coal field, and called No. 1, 2, 3 and 4. Each vein was some four or five feet thick. No. three was found to be of a poorer grade than the rest, and was worked a few hundred feet.

No. 1 was the lowest, or farthest south, with No. 2, 3 and 4, to the north and above it; with about 100 feet of rock on the average between each vein.

The way the strata is tipped up at the south, and its upper edge worn off, or broken, causes all these veins to dip about 38 degrees north. No. 2 gangway being a short distance north of No. 1; No. 3 north of No. 2; and No. 4 north of No. 3.

MAIN TUNNEL.

After running the gangway into number one and two about 3000 feet, these two veins come together, forming one solid vein, 10 or 11 feet thick, the one from which nearly all the coal of the mine has been taken.

Within fifty feet after their union an experimental

ROCK TUNNEL

was run south into the lower older strata to see if any coal could be found below the union of these two veins that could be taken out of this main gangway.

After cutting through the solid rock 475 feet, they crossed a vein of splendid coal running parallel with the main vein, and from 17 to 20 feet thick. This is called No. 5.

125 feet farther they cut another vein in two of six feet. A tunnel is drove 100 feet on the largest of these two veins and that is all the work done besides laying them bare; the rock tunnel being discontinued after running 600 feet.

All but about

10,000 TONS

has been taken out of No. one and two before their union; after their union, the main tunnel has been continued as far as the work has gone.

Its entrance is 410 feet above Lake Washington. It raises one inch to every 100 feet, or over four feet to the mile. The working rooms or breasts are every fifty feet. A chute seven feet wide brings the coal down the incline or dip of the strata into the cars on the gangway track where they are hauled out by mules or horses.

The loaded cars go out of No. 2 and the empty cars go in at No. 1., forming for that distance, 3000 feet, a double track, beyond which are suitable switches, so there is no trouble in the cars passing and repassing each other.

To go eastward over the hill from the entrance of the Tunnel to Coal creek, to the point where Lewis first ran his tunnel into the vein where the principal work has been done, it would require a walk of between two and three miles; but by the main gangway or tunnel of the mine the same point is reached in a distance between 7000 and 8000 feet. The main tunnel goes some 20 feet beneath Coal creek. A portion of the water of the creek dropping through the strata into the gangway. A person reaches daylight on Coal creek by climbing up into one of the breasts about 100 feet before Coal creek is reached, and from there going out into daylight on Mr. Lewis' Tunnel, the one used when coal was taken out onto coal creek, and from thence in wagons to the lake.

After passing beneath Coal Creek, the main gangway extends over a thousand feet further into the second or largest hill, making between 8000 and 9000

feet, or considerably over one and one half miles as the total length of the main tunnel of the mine. This tunnel can be run about two miles farther on this same vein, before the eastern face of the second hill is reached on Squak valley.

On the incline of the strata, there is 326 feet of coal above level of gangway in the highest part of the first hill, or one nearest Newcastle, with an average of about 350 feet. This part of the mine is about $\frac{1}{2}$ worked out on this vein.

In the second or eastern hill, the one West of Squak valley, the highest point of coal is 1100 feet above gangway, or an average of 700 feet for whole of the hill.

QUANTITY OF COAL.

On each vein, there is estimated to be four times the amount of coal in the hill between Coal creek and Squak valley, as there is between Coal creek and Newcastle.

When all the coal is worked out above present level of gangway on all of the veins at present exposed, tunnels can be run from the level of Lake Washington, which will give some 500 or 600 feet on the incline of the coal, where as much more coal can be taken out, and then by introducing steam pumps to keep the water out of the mine, and sinking an incline down so the coal may be hoisted by machinery, the mine may be worked 1000 feet below the level of the sea.

On this vein formed by union of No. 1 & 2, 1000 tons per day could be taken out for six years on the level of the present tunnel.

Probably from No. 5 & 6, by way of the rock tunnel branch of main tunnel or gangway 1000 tons per day could be hauled for 20 years. A ten years supply could also be derived from No. 3 & 4. Tunnels at the level of the lake, would doubtless give 1000 tons more per day for some 40 years. So that just these veins already exposed, by deep mining and all could be profitably worked so as to afford 1000 tons per day for the next 150 years.

COAL IN SQUAK VALLEY.

Between the foot hills of the Cascade Mountains and these Coal mountains is Squak Lake and Squak valley. The lake and valley together are some 20 miles long and from two to three miles wide. To the northward, the only escape is by Squak Slough into Lake Washington. The southern way to get out of this valley is by two passages, one each side of a mountain, now in the centre of the southern part of the valley, with bottom land each side of it. What is strange about it is, that this lone mountain is a continuation of the Newcastle coal mountain, the coal veins in it being a continuation of those coal veins. The intermediate space between these mountains of coal and this lone mountain in the valley as well as the pass east of it, having probably been worn away by water during past Geologic ages. In Squak valley Messrs. White, Andrews, Hodges and Jones between them own 730 acres of coal land.

EXTENT OF COAL LANDS.

From Newcastle to Renton the rocks are nearly all of the coal bearing strata, as they are from Lake Washington to Squak valley. From what has been exposed, there is little doubt that here is a region nearly ten miles square in which enough coal will be discovered before the present veins are exhausted so that 1000 tons a day can be mined for the next 1000 years. Such mines as these may well be called inexhaustible.

No. 4.

When this vein had been opened up for a short distance, it was proposed to abandon it, until John Murray the foreman offered to take the contract of opening up and for the working the vein. His offer was accepted and he still works

[Concluded on page 4.]

THE CONSTITUTION.

[Article IV.]

Sec. 6. All elections by the people shall be by ballot, and a plurality of the votes shall elect, in all cases except where the person who shall receive them shall be ineligible, in which case the person receiving the next highest number of votes, and who is eligible, shall be declared elected. Elections, by persons in their representative capacity shall be *vis a vis*, and a majority shall be necessary to an election.

Sec. 7. No idiot or insane person shall be entitled to the privilege of an elector.

Sec. 8. Laws shall be passed excluding from the right of suffrage, all persons who have been or may be convicted of bribery, perjury, or any infamous crime; and depriving every person who shall make, or become, directly or indirectly, interested in, any bet or wager depending upon the result of any election, of the right to vote at such election.

Sec. 9. The Legislature shall pass laws to preserve the purity of elections, and to guard against the abuse of the elective franchise, and shall for that purpose, have power to pass laws of registration.

ARTICLE V.

DECLARATION OF RIGHTS.

Sec. 1. All political power is inherent in the People, and all free governments are founded on their authority.

Sec. 2. The people of this State have the sole right to alter or abolish their Constitution and form of government, whenever they deem it necessary to their safety and happiness; *provided*, such change be not repugnant to the constitution of the United States.

Sec. 3. All persons are by nature free, and equally entitled to certain natural rights; among which are, those of enjoying and defending their lives and liberties; of acquiring, possessing and protecting property; and of seeking and obtaining happiness. To secure these rights governments are instituted, deriving their just powers from the consent of the governed.

Sec. 4. All persons have a natural and indefeasible right to worship God according to the dictates of their own conscience.

No person shall be compelled to attend, erect or support any place of worship, against his consent; and no preference shall be given by law to any religious society; nor shall any interference with the rights of conscience be permitted. No religious test shall be required as a qualification for office; nor shall any person be incompetent to be a witness on account of his opinions on matters of religion; but nothing herein shall be construed to dispense with oaths or affirmations; but the liberty of conscience hereby secured shall not be construed so as to excuse acts of licentiousness, or practices inconsistent with the peace and safety of the State.

Sec. 5. No person shall be deprived of life, liberty or property without due process of law, or be denied the equal protection of the law.

Sec. 6. No person, on account of sex, shall be disqualified to enter upon and pursue any of the lawful business avocations or professions of life.

Sec. 7. Every person may freely speak, write and publish his opinions on all subjects, being responsible for the abuse of that liberty; and no law shall be passed to restrain or abridge the liberty of the press. In all prosecutions for libel, the truth may be given to the jury, and if it appears that the matter charged as libelous be true, and was published with good motives and for justifiable ends, the party accused shall be acquitted; and the jury shall have the right to determine the law and the fact.

Sec. 8. No person shall be held to answer for a criminal offence without due process of law; and no person for the same offence shall be put twice in jeopardy of punishment; nor again be put

upon trial for the same offence after having been once acquitted by a jury, nor shall be compelled, in any criminal case to be a witness against himself. All persons shall, before conviction, be bailable by sufficient sureties, except for murder in the first degree and treason, where the proof is evident or the presumption great; and the privilege of the writ of *habeas corpus* shall not be suspended unless when, in case of rebellion, the public safety may require. The right of trial by jury shall remain inviolate in all criminal cases. A jury in civil cases, in all courts, may consist of less than twelve persons, as prescribed by law, and the concurrence of three fourths of the whole number of the jury shall be sufficient for a verdict; *provided*, that the right may be waived by the parties, in such manner as may be provided by law.

Hereafter a grand jury may consist of seven persons, any five of whom, concurring, may find an indictment; *provided*, the Legislature may change, regulate, abolish or establish the grand jury system.

Sec. 9. Every person in the State shall be entitled to a certain remedy in the law, for all wrongs and injuries which he may receive in person, character or property; justice shall be administered to all, freely and without purchase; completely and without denial; promptly and without delay; and all Courts shall be open to the public.

Sec. 10. The right of the people to be secure in their persons, papers, houses and effects, against unreasonable seizure and search shall not be violated; and no warrant shall issue except upon probable cause, supported by oaths or affirmation in writing, describing, as nearly as may be, the place to be searched, and the person or thing to be seized.

Sec. 11. There shall never be, in this State, involuntary servitude, save as a punishment for crime, whereof the party shall have been duly convicted.

Sec. 12. No person shall be imprisoned for debt except in case of fraud in contracting the same, or of an absconding debtor having means legally applicable to the payment of his debts or some part thereof.

Sec. 13. In criminal prosecutions, the accused shall have the right to appear and defend in person and by counsel; to demand the nature and cause of accusation; to have a copy thereof; to testify in his own behalf; to meet the witnesses against him face to face; to have process to compel the attendance of witnesses in his behalf, and a speedy public trial, by an impartial jury of the county or district in which the offense is alleged to have been committed.

Sec. 14. No bill of attainder, *ex post facto* law, nor any law impairing the obligation of contracts, or making any irrevocable grant of privileges, franchise or immunities, shall ever be passed by the Legislature.

Sec. 15. Private property shall not be taken or damaged for public use without just compensation; and no person's particular services shall be required without just payment therefor.

Sec. 16. The rights of the people to peaceful assembly and consult for the redress of grievances, shall never be restrained or abridged.

Sec. 17. The military shall always be in strict subordination to the civil power.

Sec. 18. All laws in relation to the possession, enjoyment and decent of property, shall be alike applicable to resident aliens and citizens.

Sec. 19. The right of the people to keep and bear arms shall not be infringed; but this shall not be construed as to justify the carrying of concealed weapons.

Sec. 20. All elections shall be free and open; and no power, civil or military, shall interfere to prevent the free exercise of the right of suffrage.

Sec. 21. Treason against the State shall consist only in levying war against the same; or in adhering to its enemies, giving them aid and comfort; and no person shall be convicted of treason unless on the testimony of two witnesses to the same overt act, on his own confession in open court.

Sec. 22. No person shall be transported out of the State for any offense com-

mitted within the same; and no conviction shall work corruption of blood or forfeiture of estate.

Sec. 23. All lands within the State are declared to be allodial; and feudal tenures with all their incidents, are prohibited. Leases and grants of agricultural lands for a longer term than fifteen years, in which rent service of any kind shall be reserved, and all fines and like restraints upon alienation, reserved in any grant of land hereafter made, are declared void.

Sec. 24. No laws shall be passed, granting to any citizen or class of citizens, privileges or immunities which, upon the same terms, shall not equally belong to all citizens.

Sec. 25. The operation of the law shall never be suspended, except by the authority of the Legislature.

Sec. 26. The enumeration in this Constitution of certain rights, shall not be construed to deny, impair or disparage others retained by the people.

ARTICLE V.

LEGISLATIVE.

SECTION 1. The Legislative power of the State shall be vested in two distinct branches; the one to be called the Senate and the other the House of Representatives; and both together the Legislature of the State of Washington.

The style of all laws shall be: "Be it enacted by the Legislature of the State of Washington."

Sec. 2. The number of members of the House of Representatives shall never be less than eighteen nor more than sixty. The Senate shall consist of one third the number of the House of Representatives.

Sec. 3. The Legislature shall provide by law for the enumeration of the inhabitants of the State, in the year one thousand eight hundred and eighty-five, and at the end of every ten years thereafter; and at its first session after such enumeration, and after each enumeration made by authority of the United States, the Legislature shall apportion and district anew the members of the Senate and House of Representatives according to the number of inhabitants, excluding Indians not taxed, and soldiers and officers of the United States Army and Navy.

Sec. 4. Elections for members of the Legislature shall be held biennially. When vacancies occur in either House the Governor shall issue writs of election to fill such vacancies.

Sec. 5. Senators shall be elected for the term of four years, and members of the House of Representatives for the term of two years; provided that the members of both Houses first elected shall hold their office until the time fixed for the meeting of the second Legislature, but no longer.

Sec. 6. No person shall be a member of the Legislature who shall not be a qualified elector of the district from which he is chosen, and who shall not, for at least twelve months next preceding his election, have resided therein *provided* that any person who at the time of the adoption of this Constitution is a qualified elector in the county or district for which he shall have been chosen, shall be eligible to the first Legislature.

Sec. 7. The first Legislature shall divide the state into at least ten legislative districts, in each of which one Senator and three Representatives shall be elected at the next general election ensuing, and the districts shall be of convenient contiguous territory, to be bounded by county, precinct and ward lines; and the number may be increased but shall never exceed twenty. The legislative districts shall be numbered in regular series, and the Senators chosen by the odd numbered districts shall go out of office at the expiration of the second year; and the Senators chosen by the even numbered districts shall go out of office at the expiration of the fourth year; and thereafter the Senators shall be chosen for the term of four years.

Representatives shall hold their office for the term of two years. In all elections of Representatives, after such division, each qualified elector may cast as many votes for one candidate as there are Representatives to be elected in the district, or he may distribute the same or equal parts thereof, among the candi-

dates, as he shall see fit; and the candidates highest in votes shall be elected; but the Legislature may at any time after the year 1890, adopt the system known as the preferential system in the election of Representatives, and to enact such laws as will be necessary to carry it into effect. The terms of office of Senators and Representatives, elected at any time subsequent to the first election, shall commence at the end of the term of those in office at the time.

Sec. 8. Each member of the Legislature, as a compensation for his services shall receive four dollars for each day's attendance, and ten cents for each mile necessary in going to or returning from the seat of government, and shall not receive any other compensation, perquisite or allowance whatsoever. No session of the Legislature, except the first, shall exceed forty days. The Legislature shall never grant any extra compensation to any public officer, agent, servant or contractor, after the service shall have been rendered, or the contract entered into; nor shall the compensation or mileage of any officer be increased or diminished during his term of office.

Sec. 9. There shall be biennial sessions of the Legislature. Each House shall be the judge of the elections, returns and qualifications of its own members; and a majority of each shall constitute a quorum to do business; but a smaller may adjourn from day to day, and may compel the attendance of absent members, in such manner and under such penalties as each house may prescribe.

Sec. 10. Each House shall have power to determine its rules of proceeding, and punish its members or other persons, for contempt or disorderly behavior in its presence; to enforce obedience to its process; to protect its members against violence, or offers of bribes or private solicitations, and—with the concurrence of two thirds of the members elected—to expel a member, but not a second time for the same cause; and shall have all other powers necessary for a co-ordinate branch of the Legislature. A member, expelled for corruption, shall not thereafter be eligible to either branch of the same Legislature; and punishment for contempt or disorderly behavior shall not bar a criminal prosecution for the same offense.

Sec. 11. The Senate shall, at the beginning and close of each regular session, and at such other times as may be necessary, elect one of its members as President.

Sec. 12. Each house shall keep a journal of its proceedings; and may, in its discretion, from time to time, publish the same. The doors of each House shall be kept open, except when the public welfare shall require secrecy. Neither House shall, without the consent of the other, adjourn for over three days, nor to any other place than that in which the two houses shall be sitting.

Sec. 13. Members of the Legislature shall in all cases except treason, felony, violation of their oath of office, and breach of the peace, be privileged from arrest, during their attendance at any session of the Legislature, and in going to and returning from the same; and no member shall be liable in any criminal action or criminal prosecution whatever for words spoken in debate.

Sec. 14. No act of the Legislature shall take effect until ninety days after its passage, unless in case of emergency (which shall be expressed in the preamble of the act) the Legislature shall, by a vote of two-thirds of the members elected, otherwise direct. No bill, except the general appropriation bill, for the expense of the government, introduced into either House after the expiration of the first thirty days of the session, shall become a law, unless the same shall have been recommended by the governor by special message; and no bill, except one so recommended, shall be considered or become a law, unless referred to a committee, returned therefrom, and printed for the use of the members.

Sec. 15. No bill, except for general appropriations, shall be passed, containing more than one subject, which shall be expressed in the title; but if any subject shall be embraced in any Act, which

shall not be embraced in the title, such act shall be void only as to so much thereof as shall not be expressed.

Sec. 16. Every bill (except one recommended by the Governor as aforesaid, and except a general revision of the statutes) shall be read at length at least once in each House; and substantial amendments thereto shall be printed for the use of the members before final vote on the bill; and no bill shall become a law unless a majority of all the members elected to each House shall vote in its favor, nor unless, on its final passage, the vote be taken by ayes and noes, and entered on the journal.

Sec. 17. No law shall be revised or amended by reference to its title alone, but as much thereof as is revised or extended shall be re-enacted and published at length as amended. The Legislature shall not pass local or special laws in any of the following cases, viz: for laying out, opening, altering, or working roads or highways; vacating roads, town plats, streets, alleys and public grounds; regulating the practice in courts of justice regulating the jurisdiction of Justices of the Peace, police magistrates and constables; changing the rules of evidence in any trial or inquiry; providing for changes of venue in civil or criminal cases; declaring any person of age; the protection of (game or) shell fish; limitation of civil action, or giving effect to informal or invalid deeds; summoning or empanelling jurors; providing for the management of common schools, regulating the rate of interest on money; the opening or conducting of any election, or designating the place of voting; the sale or mortgage of real estate belonging to minors or others under disability; chartering or licensing ferries or toll-bridges; remitting fines, penalties or forfeitures, creating, increasing or decreasing fees, percentage or allowance of public officers; changing the law of descent; granting to any corporation, association or individual, any special or exclusive privilege, immunity or franchise whatever; allowing the redemption of real estate sold for taxes or under the final process of any Court.

Sec. 18. The presiding officer of each House shall, in presence of the House, over which he presides, sign all bills and joint resolutions passed by the Legislature, the title of which shall be publicly read immediately before signing, and the fact of signing shall be entered on the journal.

Sec. 19. The Legislature shall prescribe by law the number, duties and compensations of the officers and employees of each House, and no payment shall be made to any officer or employee who does not discharge his duties in person.

Sec. 20. The Legislature shall provide by law that all stationary required for the use of the State, and all printing and binding authorized and required by them to be done for the use of the State, shall be let by contract to the lowest bidder; but the Legislature may establish a maximum price. No member or officer of any department of the government shall be in any way interested in such contract.

Sec. 21. Any bill may originate in either House of the Legislature, and a bill passed by one House may be amended by the other.

Sec. 22. The Legislature shall never authorize any lottery, nor grant any divorce; the sale of lottery tickets shall be prohibited by law.

Sec. 23. The general appropriation bill shall embrace only appropriations for the ordinary expenses of the Executive, Legislative and Judicial departments; interest on the public debt and for purposes of education. All other appropriations shall be made by separate bill, each embracing but one subject.

Sec. 24. No money shall be paid out of the treasury except upon an appropriation by law, and by warrant drawn by the proper officer in pursuance thereof.

Sec. 25. The Legislature shall not delegate to any special commission, private corporation or association, any power to make, supervise or interfere with any municipal improvement of money, property or effects, whether held in trust or otherwise, or to levy taxes or

City and County Intelligence.

TERMS OF COURT.

District Court, third Tuesday of March and second Tuesday of November of each year. Probate Court, Fourth Monday of January, April, July and October of each year. County Commissioners Court, First Monday of February, May, August and November of each year.

LIST OF PUBLIC INSTITUTIONS.

- Masonic, Centennial Lodge, No. 22 Regular communications first and third Saturdays of each month. I. O. G. T. Olive Leaf Lodge, No. 11, first and fourth Saturdays of each month. I. O. O. F. Snohomish Lodge, No. 12. Regular meetings on Thursday evening of each week. Snohomish Atheneum. Snohomish Free Religious Association. Union Presbyterian Church and Congregation of Snohomish City. Snohomish County Agricultural Society. Snohomish Rifle, Militia Company. Snohomish Telegraph Company. Snohomish Cemetery Association.

LOCAL AGENTS.

- Sheriff G. W. L. Allen, for Whatcom Co.; Dr. J. S. Church, for La Conne; D. E. Gage, for Skagit Co.; J. L. J. J. & Engle, for Mount Vernon; Maj. G. O. Halle, for Conneville, Island Co.; J. M. Haller, for Port Townsend; John M. Izett, for Onk Harbor, Island Co.; D. O. Pearson, for Stanwood Snohomish Co.; Jas. Williams, for Rentonville, King Co.; Thos. L. Flannigan, for Newcastle; Money & Co., for New Tacoma; Frank Young, for Puyallup; C. M. Vaudoray, for White River; D. N. Taylor, for Falls City King Co.; W. T. Dennis, for Squak King Co. W. T.

Local Items.

The paper is delayed a few days this week.

Read the new ads, they will be particularly noticed next week.

Miss Gardner's second term of school in this place, begins on Monday the 25th. Thus far, this lady has given excellent satisfaction as a teacher and her school is among the best on the Sound.

The many friends of Mr. P. Trana, of Mukilteo, formerly of this place, will be sorry to hear of his misfortune in breaking his arm a few days since, while assisting in getting a cow off the steamer Fanny Lake at that place.

A few days since John Little shipped 617 pounds of wool from his place, being the largest shipment of wool ever made at one time by any one farmer from this river. He has now some 80 sheep in his flock, all doing first rate, no disease, foot rot, scab or anything of that kind. When the sheep were purchased, last year many of them had the scab very badly, the rich feed of the bottoms and good treatment cured them, without any other special attention.

The supplement furnished with this number, and that has been mailed to the readers of the STAR for some time past, will probably be discontinued in September. In place of it, will be furnished a genuine AUGER from Portland, which will contain as much Oregon and telegraphic news as a Portland weekly and be mailed direct, from that place to each subscriber of the STAR.

The mail carrier brings from Fall city the news that the Indian who broke into the store there in June last, was captured a few days ago, over in the Klickitat valley. He now is in jail. A party gave chase to him from Fall city at the time, and although they made the quickest trip ever made over the pass into the valley, and caught the horse belonging to Jerry Borst, which he had stolen and nearly killed in his efforts to escape his pursuers, he was not caught until now.

A short time since, the fire swept through all the old logging works back of Lowell like a demon of destruction; in its fury, sweeping every thing before it its origin is unknown. Mr. Smith supposes it has been set out by some person who wished to injure him. His name escapes. Where he was logging, situated about one mile from Lowell, was completely destroyed; together with roads and bridges that cost \$1,000 to build. This will stop logging at that camp for this season. While the fire has done so much damage it has effected a corresponding good in burning over hundreds of acres ground, so that by sowing grass seed this fall; with his 100 acres of marsh, now in a high state of cultivation and the splendid pasturage this burn makes; next year, he can have one of the best dairy farms in the Territory, where he could easily keep 150 cows.

The first number of the N. P. Times received. As expected, from the recognized ability and experience of Mr. Pickett, its publisher, it presents an appearance second to but few journals on the coast. In fact there is no room for criticism, except in one respect, where he has followed the bad custom, so prevalent on the Sound, of taking original descriptive matter from the STAR, without credit for the same. It costs a great amount of time and money to gather this information. We are glad to see our work so endorsed, as it is shown to be by the large amount copied; but courtesy requires that due credit should be given, and when this new journal starts out with two columns stolen from the STAR, in its first number, it is too much. Surely Mr. Pickett is old enough to know the commandment: "Thou shalt not steal."

Territorial Items.

The University at Seattle opens the first Monday of September.

With the number last out, the Iress of Port Townsend closes its first year of publication.

The District Court, now in session at Seattle, has a very large docket.

A second surveying party, under C. A. White left New Tacoma on Thursday for the Cowlitz Pass.

At Port Discovery, Aug. 19th, five Northern Indians died within two hours after eating muscles gathered in the bay.

Cook, of the Herald is again east of the mountains.

Jacob Hoover has been fully exonerated by the grand jury of Pierce county, of the charge of altering county warrants.

The steamer Isabel makes the round trip between Port Townsend and Victoria on Monday, Tuesday, Thursday and Saturday of each week.

Last Tuesday, D. W. Crooks committed suicide at his place on Salmon Bay, near Seattle, by hanging himself. The cause was business trouble. He was a man about 53 years old, a native of Canada, and well known as one of the most enterprising loggers on the Sound, as well as a man of strict integrity.

The fair of the Washington Industrial Association will begin the 2nd day of October next and end on the 13th.

Seattle has purchased a steam fire engine for \$3,500 that will throw three streams.

The steamer Olympia made a trip from the Sound around to Portland and back, the past week. It is proposed to make this a regular route, it will pay to run her there.

47 pupils are enrolled at the Puget Business College. Penmanship, book-keeping and telegraphy are specialties taught in this institution.

THE UNIVERSITY of W. T. with

its corps of six instructors, is prepared to give the following: Instruction through the Freshman year of a full classical course. A three years' scientific course. A two years' normal course. A complete course of book-keeping. Pupils not prepared to enter any course, can receive a thorough drill in the common branches. Vocal and instrumental music, painting, drawing, military tactics and telegraphing taught in connection with the University. In the University boarding houses and in private families there is abundant provision for boarding pupils. The Fall term commences Sept. 23 1878. For catalogue or admission apply to the President.

A. J. ANDERSON A. M. Seattle W. T.

Subscribe for the Star.

[COAL MINES Concluded.]

under this contract. All of his work being separate from the main mine.

When in 600 feet a fault was met where the strata was broken and the vein was lost. The vein was recovered by running to one side a rock tunnel 175 feet.

This is the only fault found in the whole Newcastle mine. There is some rolling or twisting in the run or strike of the veins, but no other real faults.

The mine is in some 1300 feet to face or end of tunnel; all the coal being worked out to surface for 1000 feet in.

Nothing but the clear coal is brought out of No. 4, the gob, or waste being all left in the mine. This vein is 4 1/2 feet, only 175 feet to surface.

The average yield is about 70 tons per day. For this Mr. Murray receives from the company a fixed price per ton. His work is all very neatly and thoroughly done, this being one of the most systematically worked veins on this coast. All the coal is taken out clean except a pillar between each shaft that extends up from the gangway to protect it, about 20 feet. When the coal is all out, the rocks above settle down and fill up the space formerly occupied by the coal.

FORCE EMPLOYED

Mr. Lewis in the main mine, has 48 miners who all work by contract, and a force of 38 men, consisting of loaders, drivers, carpenters, trackmen, etc. The force there can get out nearly 10 tons per day for each hand employed.

Each car holds about 2600 pounds, of coal and screenings, rock and all. Every thing is brought out of main mine, to be sifted and assorted, 11 horses and mules are employed on the day shift, with four on the night shift, 10 cars to a train and two animals to each train on the outside turn, which goes in 4000 feet, 6 animals, or three sets of trains, make in all 38 turns or 380 cars in twelve hours 18 turns for two trains and 12 turns for the third train. The inside turn has but one mule to five cars, each mule train must make 38 turns. There are four of these besides the gangway mule which hauls away the coal mined out of the face of the gangway in extending it further in the mine. In number 4 Mr. Murray employs 21 men. The company furnishes one mule which hauls away the coal to his separate bunker.

SCREENING OF THE COAL.

Mr. Flannigan has 50 men in all under his charge; 46 work on the bunkers. The main bunkers hold 1400 tons of large coal and 500 tons of nut coal. In screening the coal, there is one ton of nut coal to four tons large of coal. The demand is irregular for the nut coal, so it oftentimes accumulates until 1500 tons are on hand when a couple of steamers take nearly all of it away again.

The top of the bunkers are some 70 feet above Railroad track. The cars out of the mines are dumped into a chute above the screens where it is let onto the screens as fast as desired.

These are five screens; Only four are run at a time. The rock has to be picked out and thrown away, and the large coal slides down the bunkers while the fine dirt and small nut coal, goes through onto finer screens, where the dirt and waste drops below and is carried to the waste heap. With 18 men on the day shift, on four screens 500 tons of coal can be screened and assorted, while the same number of men on the night shift could only run 300 tons. With five screens running and 21 men on both the night and day shift 1000 tons of coal can be screened per day. At present four screens are run during the day and three at night.

To accommodate the increased production of the mine, additional bunkers should be erected about doubling the present capacity of those now there.

TOTAL EMPLOYED.

The total employed now at the mines, beside railroad employees amount to the following:

- Lewis, 89 men; Flannigan, 50; Murray, 21.

Besides this there are about 20 men employed there in store, saloon, cook-house, physician, tailor, shoemaker, laborers in doing odd jobs around the place etc. This would make a total of between 175 and 200 men at that place

to ensure a production of 650 tons of coal per day.

Not all of these are in the employ of the company.

An increase of 1/2 in the number now employed would be sufficient to guarantee a production of 1000 tons per day. This is the cheapest worked mine on the coast. It costing less to get the coal out of the mine and put it aboard ship, than what most mines pay for mining.

The best of good feeling prevails between the company and the working-men. The men all willingly work as cheaply as the officers of the company ask them to work. No Chinamen were seen around the works, an other sure sign of amicable relations between the employer and the working men.

It is wholly unnecessary to speak in praise of the quality of the coal from this mine, as its excellent qualities, together with the cheapness of its production is stopping the importation of coal to this coast, as well as shutting up most of the other mines.

Coal mines hereafter must be not only very cheaply worked, but the coal must be of superior quality to compete with this mine.

MARRIED.

DODGE-MARCY-At the house of the brides parents, by the Rev. W. I. Cosper, Aug. 20th 1878, Mr. R. B. Dodge and Miss Ada L. Marcy, all of Thurston county.

CHILBERG-ABBOT-At the residence of the brides parents, in Olympia Aug. 18th 1878, by Rev. D. N. Utter, Mr. Joseph Chilberg and Miss Amelia Abbot, all of Thurston county.

BUNTER-HODGES-In Port Townsend Aug. 16th, by Rev. James Agnew, Mr. John A. Bunter and Mary A. Hodges, both of Victoria B. C.

BORN.

CRUTCHFIELD-At Port Townsend, on August 12th to the wife of Mr. Crutchfield, a daughter.

SHARP-At White river, King county, August 8th 1878 to the wife of Rev. P. J. Sharp, a son.

HEALEY-At Tulalip, Snohomish county, Aug. 9th, to the wife of Dr. P. Q. Healey, a daughter.

ELWELL-At Snohomish City, Aug. 25th, to the wife of Tamlin Elwell, a son.

DIED.

BERRY-On Snoqualmie prairie, Aug. 17th 1878, Almerine Fisk, youngest son of Mrs. Hellen A. Berry, aged five years, ten months and nineteen days.

Notice.

A Mass Convention of the Democrats of Snohomish County will be held at the Riverside Hotel Snohomish City on Saturday August 31st 1878 at 2 o'clock P. M., for the purpose of nominating county and district officers and selecting Delegates to represent said county in the Territorial Convention to be held at Vancouver W. T., September 5th 1878.

By order of the County Committee. M. W. Frost, Chairman.

NOTICE

I have on hand and for sale at low rates, a large amount of soldiers additional homestead scrip, to every piece of which the Commissioner's certificate of approval is affixed. Immediate title to public lands can be obtained with this scrip, without the operation of the Homestead, or Pre-emption rights. W. M. TERTLOF.

NOTICE!

The partnership heretofore existing between Eugene D. Smith and Chas. F. Jackson of Lowell, Snohomish Co. T. as dealers in general merchandise and the style and firm name of Smith Jackson & Co., is this day dissolved by mutual consent. Eugene D. Smith assumes all the indebtedness of the firm, and all accounts due the said firm are to be paid to him. Dated Aug. 21st 1878. EUGENE D. SMITH, CHAS. F. JACKSON.

Boats! | Boats!

BOATS of all kinds, large and small built to order at the lowest living rates by, JOHN YARNO BOAT BUILDER, SEATTLE W. T. SHOP, FOOT OF SECOND STREET near Seattle and Walla Walla R. R. depot, None but the best material used and SATISFACTION GUARANTEED. n1321f

NEW ENGLAND HOTEL

Cor. Commercial and Main St. SEATTLE W. T. BOARD AND LODGING per day \$1.00 to \$2.00, per week from \$5.00 to \$8.00 according to room. FREE COACH TO AND FROM THE HOUSE. THIS HOUSE is conducted on first class principles, every attention will be paid to its patrons, and nothing will be left undone to preserve its reputation of being The Best House in Seattle. It is NEWLY built and HAND FINISHED throughout and has the cleanest, and best furnished rooms of any house in the city. L. C. HARMON, Proprietor. n1321f

FOR SALE!!!

Diamond Wheat BY G. T. SORNSON. PARK PLACE, SNOHOMISH COUNTY W. T.

There is nothing like this celebrated grain in America. It will yield a third more to the acre than any other grain grown on the same kind of soil, with similar treatment. It grows like rye, hence is frequently called MAMMOTH RYE.

The berry resembles wheat, only is twice or three times as large, some grains being one half inch long. It ripens the earliest of any grain grown here if sown in the fall, and as early as any other grain if sown in the spring. The seed was procured at the east and planted the past spring. The crop is thoroughly matured and is offered for sale in one pound packages at 25 Cents per Pound.

will be sent by mail to any address at that price, with 8 cents added to defray postage. Orders left with L. WILBUR at Snohomish City W. T., will be promptly attended to, or Address, G. T. SORNSON, Park Place, Snohomish Co. W. T. n1321m

Look!!

Fresh Meats

GROCERIES

Geo. G. England,

Has Just Received and Opened a New and COMPLETE STOCK OF

FRESH and SALTED MEATS,

CANNED FRUITS,

FLOUR, HAMS,

BACON, ETC., ETC.,

Store Nearly Opposite Drug Store.

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NORTHERN STAR,

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The BEST BEER in the TERRITORY.

TRY IT TRY IT TRY IT

Boehme Cantini & Co.

n130 tf

PROPRIETORS.

Secure Homes!

The best opportunity ever offered

Secure Homes on easy terms that will soon be very valuable.

THE VALUABLE MUKILTEO TOWNSITE PROPERTY

Is divided into twenty-two strips of about nine acres each, extending back from near the water so as to include meadow and garden land already cleared, besides timber land on the bluff. Five of these fine Homesteads already sold. Credit will be given at low rates of interest to those unable to pay cash down. Also desirable property on the front for sale or lease on reasonable terms for business purposes. Bargains offered in tracts of 40 and 80 acres of land adjoining the Mukilteo to visit. The natural advantages of

MUKILTEO

Are not excelled by any other place on the Sound, for fishing, milling, ship-building or manufacturing purposes. All the steamers down the Sound to Snohomish, Whatcom and Island Counties, stop there going and returning; it is also on the direct route of ocean steamers up the Sound. There is also an excellent location for establishing of warehouses, from which to ship the products of Snohomish, Whatcom and Island Counties in deep water vessels. On these premises will also be sold a band of cattle, some thirty or forty head in all, thus affording those purchasing homes a chance to secure stock if they so desire.

In addition to the above, will be sold 320 acres of the finest marsh land in the Territory, known as the Hurley Ranch, with 20 acres of upland. This is only four miles from Snohomish City on

La GRANDE MARSH,

Well drained, not subject to overflow, soil extra fertile, dry and nearly ready for the plow. There is a wagon road to the premises, and products can be taken by this road or by boats from the premises to market. TERMS EASY. The best chance ever offered in the Territory to secure a fine farm. JUST THE LOCATION FOR A COLONY! as it can be sub divided into forty acre tracts, each of which will yield an abundant support for a family. Address

MACKINTOSH OR STACY,

n 137 tf

SEATTLE, W. T.

The Famous

SNOQUALMIE Falls.

Photographs of this wonderful, and truly picturesque scenery, size 8x10 inches, will be sent, free of charge, to any address, on receipt of 75 cents.

What The Press Says

M. C. A. MISSIMER, the well known Landscape Artist, has excelled himself in producing photographs of the most interesting object of our Territory—**The Snoqualmie Falls**. This wonderful fall is near the head of the Snoqualmie river in King Co. W. T.; a fall of 200 feet over a perpendicular wall of rock, etc.

Address.

C. A. MISSIMER, OF NORTHERN STAR

Snohomish City W. T.

THE P. S. T. Co's. STEAMER,



J. G. PARKER - - - Master.

Leaves Seattle for the Tacomas, Steilacoom and Olympia, on Tuesday Thursday and Saturday Mornings at Seven O'clock.

The Steamer

FANNY LAKE,

CAPT. J. S. HILL - MASTER, WILL LEAVE SEATTLE FOR SNOHOMISH CITY Every MONDAY AND FRIDAY and for SKAGIT CITY AND WAY PORTS Every WEDNESDAY

Will remain at Snohomish City over night on Fridays. n124tf

Custom Made Boots and shoes.

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Latest styles Boots and shoes made to order. All work warranted and satisfaction guaranteed. Also agent for the celebrated New Weed,

Family Favorite

Sewing Machine. It is best;

IT IS THE MOST SIMPLE,

DURABLE, PERFECT

It runs easy and quiet, Has no cams for shuttle motion, Has no springs to get out of order, The needle is set correctly without screw driver, or tool of any kind, It can be cleaned or oiled without from the table; and the best thing of all, It has Perfect Self Adjustable Tension. Call and examine this Machine before buying elsewhere. n128.6m. BENJ. VINCENT.

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Business College,

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The Leading Commercial College on the Pacific Coast.

THE DESIGN of this institution is to impart a practical and useful BUSINESS EDUCATION. Young and middle-aged men are thoroughly fitted for Bankers, Merchants, Book-keepers, Cashiers, Clerks and Salesmen, by our great system of ACTUAL BUSINESS TRAINING. By this system the student receives, while in the school, the same practice in conducting business affairs that he would in a bona fide Bank, Office, or Counting-House.

The great advantages of thorough scientific and practical instruction, as carried out at this institution, have long been felt and recognized in the mercantile community, where its graduates have received the preference and been rapidly promoted to positions of honor and profit.

Young Men and Ladies.

Wishing to prepare themselves for the practical duties of life, will find at this school unsurpassed facilities. Students learn just what they need to insure success. Each student receives separate instruction, and can thus advance as rapidly as his ability will permit, not being kept back by those more deficient.

THE COMMERCIAL COURSE.

The Business Course is by far more thorough and extensive than that of any other Business College on the Coast. It embraces the following branches:

BOOK-KEEPING, BY BOTH SINGLE AND DOUBLE ENTRY, as applied to the simplest as well as the most complicated kinds of business, such as Wholesale and Retail Merchandising, Farming, Manufacturing, Mining, Brokerage and Exchange, Importing and Jobbing, Commission, Railroad, Banking, etc.

COMMERCIAL CALCULATIONS, embracing the most rapid and abbreviated method of calculation in Percentage, Profit and Loss, Interest and Discount, Domestic and Foreign Exchange, General Average, Equation of Payments, Interest Accounts, Averaging Accounts, Partnership Settlements, etc.

PENMANSHIP, including careful instruction in the finger, muscular, whole-arm and combined movements, as applied to plain business writing, ledger headings etc.

CORRESPONDENCE, embracing instruction in composition of business letters, use of capitals, rules of punctuation, folding, addressing, etc.

COMMERCIAL LAW, comprising lectures upon all the features of mercantile law important to the business man.

GENERAL LECTURES on political economy, business ethics, commercial geography, business success, etc.

In the teaching of the Commercial Course, THEORY AND PRACTICE are combined in such a manner as to make each an essential help to the other.

The SCHOOL-ROOM and COUNTING-ROOM

Are united upon a plan that secures to the student all the practical advantages of each. There is an active operation of a Banking House, with Checks, Drafts, Notes, Bills of Exchange, Certificates of Deposit, etc., fully illustrating the Banking business. The school-room is elegantly fitted up with

JOBGING and IMPORTING EMPORIUMS,

GENERAL BANKING OFFICES,

COMMISSION and FORWARDING,

INSURANCE and EXPRESS OFFICES, &c.

The Student Buys, Sells, Ships, Barbers, Consigns, Discounts, Insures, Draws Checks, Notes and Drafts, Gives Leases, Deeds, Etc. and goes through the entire routine of business. He becomes acquainted with changing books from single to double entry, and vice versa, and also with Joint Stock and Partnership Books, and every style and form of book-keeping practiced in well regulated Business Houses.

It is impossible for attentive and industrious students, to pass through this course of business training without becoming accomplished accountants and practically educated business men. A course of business training is no less important to a mechanic and farmer or manufacturer than to the merchant. If one would make farming or manufacturing pay well, he must not merely be a farmer or manufacturer but a competent business man.

Rates of Tuition for the Business Course. PAYABLE IN ADVANCE IN U. S. GOLD COIN.

SCHOLARSHIP for the commercial course, as above explained.

SIX MONTHS DAY SESSIONS.....\$50.00
" " NIGHT "\$40.00

PARTIAL COURSE—Persons who wish a partial course, can receive instructions in the branches of the Business Course at the following rates:

THREE MONTHS DAY SESSIONS.....\$30.00
ONE MONTH NIGHT "\$12.00
THREE MONTHS EVENING SESSIONS.....\$25.00
ONE MONTH " "\$10.00

Students can enter at any time, there being no vacation to interrupt their progress.

Night school open to day scholars free of charge.

The Telegraphic Institute is the Most Complete Institution of the kind in the country.

It is first Class in all of its appointments, is fitted up in the most thorough manner, and its pupils receive the same practice as if in a regular office.

Rates of Tuition for the Telegraphic Dep't.

COMPLETE COURSE, for six months\$50.00
TELEGRAPHY, by the month.....\$10.00

To all pupils in the business Department, only one half of the above rates will be charged.

The Complete Course will include a thorough training in everything pertaining to the formation of practical and successful operators, as well as careful instruction in filing out blanks, writing up the business forms, and keeping the books pertaining to Telegraph Offices.

PUPILS FINDING IT INCONVENIENT to pay for the Full Six Month's Business Course in advance, can pursue the same by paying \$20.00 in three monthly installments of \$20.00 each.

PREPARATORY DEPARTMENT.

THE PREPARATORY DEPARTMENT is intended for the younger pupils, and those whose early education has been neglected.

FOR INSTRUCTIONS IN THE PREPARATORY DEPARTMENT.

SIX MONTHS DAY \$25.00 | SIX MONTHS NIGHT \$30.00
ONE MONTH " \$ 5.00 | ONE MONTH " \$ 5.00

SINGLE BRANCHES—Penmanship, one month \$5.00, three months, in advance, \$12.00. For book-keeping and different branches of the Business Course, other than penmanship, when pursued alone, the terms will be the same as for the Full Business Course, for the same length of time.

SPECIAL BRANCHES. Ornamental Penmanship, Drawing, Higher Mathematics, Surveying, Navigation, Civil Engineering, etc. are practically taught in the College at reasonable rates, the tuition varying, according to the number and length of lessons.

For particulars, apply or address

Puget Sound Business College.

n127tf

NORTHER STAR

PROSPECTUS

A REPRESENTATIVE JOURNAL OF THE TERRITORY

NON POLITICAL,

Yet furnishes all the important political news of the day, uninfluenced by party prejudice.

Liberal Upon Religious Topics.

Yet not aiming to make war upon any man's opinions, but giving every representative person a chance to place their opinions upon record in its columns, whether they agree with those of the publishers or not, as long as the proper bounds of courtesy are preserved. Thus far, while affording the fullest opportunity for investigation upon all topics, it has not been found necessary to take sides editorially in any religious discussions. This course will be pursued: The leading feature of the paper editorially will be in furnishing, as heretofore,

Original Information

In regard to the productive interests of the northwest, gained by personal observation, and in forwarding all the material interests of this region, especially representing the

AGRICULTURAL, LUMBERING,

Logging and Fishing Interests

LITERARY AND SCIENTIFIC JOURNAL

Of the northwest. All men of culture are requested to assist us in this work by correspondence, as well as by furnishing for publication copies of lectures, addresses and scientific essays of a representative character. In carrying out these objects, the editorial department will continue as heretofore to be assisted by able contributors, who will endeavor to make the STAR the most able representative journal of the Territory. Address all communications,

Snohomish City, W. T.

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There is a possibility that you may not fully understand our principles and doctrines, and to take our paper for a year, which many could afford out of mere curiosity to do, would be a sure method of becoming fully informed concerning our faith, our works and our hopes

It might still be necessary to take the paper, to learn our tactics—the best method of hindering our progress.

Subscribe Now! at the beginning of the new year, that you may have the paper from its first number. Send silver or gold (\$1) in registered letter or postal order for \$1.25, or \$1.25 in currency. Address

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D. N. UTTER,
Olympia, W. T.

DR. SPINNEY

No. 11 Kearney Street,
Treats all Chronic and Special Diseases.

YOUNG MEN

WHO MAY BE SUFFERING FROM the effects of youthful indiscretion, will do well to avail themselves of this, the greatest boon ever laid on the altar of suffering humanity. Dr. Spinney will guarantee to forfeit \$500 for every case of Seminal weakness or private disease of any kind or character which he undertakes and fails to cure.

MIDDLE AGED MEN.

There are many at the age of thirty to sixty who are troubled with too frequent evacuation of the bladder, often accompanied by a slight smarting or burning sensation, and a weakening of the system in a manner the patient cannot account for. On examining the urinary deposits, aropy sediment will often be found and sometimes small particles of albumen will appear, or the color will be of a milky hue, again changing to a dark or milky appearance. There are many men who die of this filthy, ignorant of the cause, which is the second stage of seminal weakness. Dr. S. will guarantee a perfect cure in such cases, and a healthy restoration of the genito-urinary organs. Office hours, 10 to 4 and 6 to 8. Sundays from 10 to 11 A. M. Consultation free. Thorough examination and advice \$5.

Call or address, DR. SPINNEY & CO
No 11 Kearney St. San Francisco

Wanted at this office, to complete a set for binding, the statutes of this Territory for the years 1854, 1857, 1858 and 1860; for which a reasonable price will be paid.

OLD, TRIED, AND TRUE.

People are getting acquainted—and those who are not ought to be—with the wonderful merits of that great American Remedy, the

MEXICAN Mustang Liniment, FOR MAN AND BEAST.

This liniment very naturally originated in America, where Nature provides in her laboratory such surprising antidotes for the maladies of her children. Its fame has been spreading for 33 years, until now it encircles the habitable globe.

The Mexican Mustang Liniment is a matchless remedy for all external ailments of man and beast. To stock owners and farmers it is invaluable.

A single bottle often saves a human life or restores the usefulness of an excellent horse, ox, cow, or sheep.

It cures foot-rot, hoof-ail, hollow horn, grub, screw-worm, shoulder-rot, mange, the bites and stings of poisonous reptiles and insects, and every such drawback to stock breeding and bush life.

It cures every external trouble of horses, such as lameness, scratches, swiny, sprains, founder, wind-gall, ring-bone, etc., etc.

The Mexican Mustang Liniment is the quickest cure in the world for accidents occurring in the family, in the absence of a physician, such as burns, scalds, sprains, cuts, etc., and for rheumatism, and stiffness engendered by exposure. Particularly valuable to Miners.

It is the cheapest remedy in the world, for it penetrates the muscle to the bone, and a single application is generally sufficient to cure.

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Liberal reduction made to families.

NO CHINESE EMPLOYED. n129 tf

Summons.

TERRITORY of WASHINGTON, 1888
THIRD JUDICIAL DISTRICT.

IN THE DISTRICT COURT OF SNOHOMISH COUNTY:

M. W. Packard and D. B. Jackson, partners, doing business under the style and firm name of Packard & Jackson;

Plaintiffs;

vs.

Harvey W. Light, and Edward Shoue;

Defendants;

THE UNITED STATES of AMERICA SEND GREETING,

To Harvey W. Light, and Edward Shoue,

Defendants:

You are hereby required to appear in an action brought against you by the above named plaintiffs, in the District Court of Snohomish County, holding terms at Snohomish City, in and for said County of Snohomish, Washington Territory, and to answer the complaint filed therein, within twenty days (exclusive of the days of service), after the service on you of this summons, if served within said County of Snohomish, or if served out of that County, but in this District, within thirty days, otherwise within sixty days, or judgment by default will be taken against you, according to the prayer of the complaint.

The said action is brought to recover a judgment against you, the said defendants, for the sum of One Hundred dollars United States Gold Coin, with interest thereon at the rate of one and one half per cent per month from the 8th day of April 1877, and that certain goods and chattels, mentioned and described in a certain mortgage, executed by you, the said defendant, Light, may be sold in the manner prescribed by law, to satisfy said claim with an Attorneys fee, and costs and disbursements of this action.

And you are hereby notified, that if you fail to appear and answer said complaint as above required, the said plaintiffs will apply to the court for the relief demanded in the complaint.

Witness the Hon. J. R. Lewis, Judge of said Court, and the seal thereof, this 17th day of August A. D. 1878.

H. A. GREGORY,
Clerk.

Morse & Nicoll, Attys for the Pliffs.

First publication made Aug. 17th 1878. n1816w

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