VOL. XXXV, NO. 125.

ASTORIA, OREGON, MONDAY, NOVEMBER 2, 1890.

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The House that Buys and Sells the Best Coods, as to

> Make, Fit. and Quality.

The house that is managed the best, and transacts its business on the low

est expense for the volume of business annually transacted

The house that can, and does sell its goods on the smallest margin The house that keeps the best assortment and has no shelf-worn goods its stock is aiways new and fresh as it is continually coming and going. like the flow of the mighty Columbia, direct from its source, to the body it supplies

Above all, it is the house that treats every customer alike, and transacts

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Office on Cass street, 2 doors back of Odd whows Building, Astoria, Oregon.

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PHYSICIAN, SURGEON AND DRUGGIST In simple cases, charges only for medi-Near Postoffice, Chenamus Street, Astoria

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Opposite Telegraph Office, up Stairs, Astoria, Orgon.

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DENTIST. Booms 7 and 8, Flavel's new Brick Build

W. T. BURNEY, J. W. DRAPER. L. T. BARIN

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Oregon City, Oregon.
Twelve years experience as Register of the U.S. Land Office here, recommends us n our specialty of Mining and all other busness before the Land Office or the Courts, and involving the practice in the General

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SEINES and NETTING Of all Description Furnished at Factory Prices.

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in First Class Com enting \$13,000,000

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MITPILA J. P. AUSTIN, Prepr.

Open All the Year 'Round,

THIS POPULAR HOTEL

Is new and clean and beautifully located on the banks of the Necanicum, within five minutes' walk of

CLATSOP BEACH, The most pleasant Seaside Resort on the Northwest Pacific Coast.

Every attention is puid to the comfort and accommodation of the guests, and the table is supplied with the very best in season.

Here are plenty of Clams and Crabs, there is game in the woods and plenty of the finest fish in the streams.

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Smokers' Articles in Stock.

THE TRADE SUPPLIED. Special Brands Manufactured to Order

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MAIN STREET, - - Astoria, O:

Carry a Full Line of

Choice Staple and Fancy Groceries.

Give Us a Call and Be Convinced

J. B. Wyatt,

DEALERS IN Hardware and Ship Chandlery

Cure Oil, Bright Varnish, Binacle Oil Cotton Cairws, Hemp Sall Twine, Lard Oil, Wrought Iron Spike-, Galvanized Cit Nails.

Agricultural Implements, Newing Machines, Paints, Oils,

Groceries, Etc.

FARM AND DAIRY RANCH TO LET Twenty to Thirty Choice Cow

30 to 50 Acres of Fine Meadow Farming Land Architects.

A Farm of 160 acres, 4 to 5 acres of orchard in c²-lee fruits, complete farm buildings, near Astoria. Convenient to sell milk in the city. All farming tools and dairy appliances. One span fine Farm Horses and Wagon. Apply to this office, or to A. H. Sale, on the premises, at Woodland Farm Young's River, Or.

TELEGRAPHIC SUMMARY.

Lala Lee, an Indian, was found guilty of murder at Missoula

Wm. Porin, a San Francisco boy, los his hand while hunting.

Dillon and O'Brien, the Irish patriots received an ovation in New York. The steam whaler Balaona has arrived.

in San Francisco from Bebring sca. The latest kick against the McKinley oill comes from Illinois coal miners. The battle of Vitu was the result of

indiscreet talk by a German colonist.

don, en route to America and his post of The state grand jury of Missouri, recommends the abolition of the grand

jury law. A man and woman, who registered at a New Haven hotel as man and wife were

asphyxiated by gas. The Republican national committee will pay \$200 each for the conviction of

crooked voters in Arkansas Tommy Warren and Tommy Miller

Orleans for a purse of \$1,000. William O'Toole, a rancher living ear Milpitas, was smothered to death by getting mired in the mud.

The story of a sad marriage comes from Siberia, where a young, beautiful and wealthy girl was united to an exile. At South St. Paul, Minn., Benjamin At South St. Paul, Minn., Benjamin dates for congressmen are to be traded and Wm. Rogers were murdered by right and left for senators and as-George Robodge, who committed saicide.

schooner Hargreaves which collided with the steamer Viscaya is not believed by The New York Mail and Express correspondent figures that the republicans will have a majority of eight in the

The story of the second mate of the

yours of representatives.

The Samoan Justice. ecial to THE ASTORIAN. London, Nov. 2.-The Swedish lawyer, Godercane, whose appointent as chief justice of Samoa, under the recent agreement between Ger-many, England and the United States has been ratified by the three nations. He is now visiting the London legations, enroute for his new post of duty He will call on President Harrison at the McKinley bill, the price Washington while on his way across the American continent to take the

steamer for Apia.

cial to THE ASTORIAN. Indian charged with murdering two all west on a strike. found guilty of murder in this county this year, and the third in the past week. Pierre Paul, the last of the noted Indian outlaws recently captured will be placed on trial for mur

ler Wednesday next. The Boy and the Gun.

pecial to THE ASTORIAN. San Francisco, Nov. 2.—William Indiana, feather weights, at 118 Porin, a 16-year-old boy had his right band blown off to-day while pulling a will be for a purse of \$1,000 to the gun over a fence after him.

THAT HACKING COUGH can be s

CATARRII CURED, health sweet breath secured, by Shiloh's Catarrh Remedy. Price 50 cents, Nasal injector free.

I. W. Case,

BANKER.

Transacts a General Banking Business-Drafts drawn available in any part of the U. S. and Europe, and on Hong Kong, China

Maverick National

BANK, BOSTON, MASS.

suing bonds. We do a general Banking Business, and in-JOS. W. WORK, Cashier.

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All Work Guaranteed. Cor. Cass and Jefferson Siz., Astoria

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WEST FIFTH AND WALL STS.

CASTINGS

Of all Descriptions

MADE 10 ORDER ON SHORT NOTICE. TANSILLS NOH 54

THE POLITICAL ARENA.

the Outlook in New Jersey and

Elsewhere. special to THE ASTORIAN. WASHINGTON, Nov. 2 .- A staff correspondent of the Post, independent A democrat, who has been officially detailed to investigate the political status in New Large-

in New Jersey, reports as follows:
The campaign draws to a close in
New Jersey with some decided
changes in the political outlook. The republicans have made some won ler ful advances during the past week far as the congressional contest is con-cerned. Instead of there being any doubt as to the reversing of the preent congressional representations, is now looks as though the republicans The chief justic of Samon is in Lon-

> they now hold and parliaps gain The next house will contain at least four republican congressmen from this state, and possibly there will be five of the seven congressional districts repre-

were sure to return the four districts

part of the democrats. Governor Abbott is determined to have the next state senate. The house have been matched to fight in New trol the legislature and with the gov footsleps of her lover. ernor also can wipe out the republican state treasurer and comptroller and obtain all the important state officer They can also reap a portion of the congressional districts and Abbott will be sure of a good coatingent to vote for him for the United States senate two years from next January. Word has gone forth that candi

> semblymen, but particularly for senators The New York Mail and Express correspondent here, after a most care-ful review of the political field, tele-graphs his paper that on a conservative estimate the republicans will have a majority of eighty members in the

STILL A RICKING. More Complaints Made About The Mckinley Bill.

Special to THE ASTORIANA ment that they had advanced the time the collision occurred price of coal twenty-five cents a ton, Hargreaves Lines. lose \$18,000. and gave as a reason that owing to total insurance of \$19,000 is held by groceries, shoes, clothing, ment, as well as of feed for teams, had largely advanced. They purposed to pay four cents per ton of the twenty-five cents additional to the miners, but the latter demanded ten cents of the twenty-five, which the operators re-

Miller Matched in New

Orleans. seial to THE ASTORIANA NEW ORLEANS, Nov. 2. Articles of agreement for a five-cause glove con-test on November 22nd before the Audubon club in this city, have been signed by Tommay Warren, of California, and Tommy Miller, of

winner and \$250 to the loser.

Dillon and O'Brien. Special to THE ASTORIAN. New York, Nov. 2. The parliamentary funds association gave a reto O'Brien and Dillon and others of their party at the Hoffman house to-night. Among the 200 invited guests present, were Mayor Grant, Ex-Mayor Grace, Robi, B. Roosevelt, Eugene Kelly and Judge Fitzgerald and Morgan. Specerass were made by Dillon, O'Brien, Sullivan and others of the Irish delegates

in reply to an address of welcome.

Another Whaler Meturns. Special to Tue Ascorian.] San Francisco, Nov. 2-The whaling steamer Balaona arrived in port last evening, eighteen days from Behring straits, with 500 barrels of oil. 7,000 pounds of whalebone, two packages of fox skins, one bundle of bear skins and 500 pounds of ivory, all of

which is consigned to the Pacific Steam Whaling Company. Remarkable Beseur. Mrs. Michael Curtain. Plainfield, Id., makes the statement that she caught cold which settled on her huge; she

large bettles, 50c. and \$1. The Russian sable is the most expensive fur. Single furs sometimes

sell for as much as \$150. Champion light r.

At LCOCK'S POROUS PLASTERS, particularly during the training season. I that that if I am affected in back or noise with any kind of a pair or strain. ions with any kind of a pain or strain, that ALLCOCK's POROUS PLASTERS in stantly afford relief. For pains in the body, the result of a severe cold, nothing can beat ALLCOCK's PLASTERS. I would certainly recommend the plasters to any athlete who is suffering with soreness or stiffness while in training."

Austin Corbin imports wild boars to breed on his New Hampshire

estate. Important Aotice. Now is the time to test the best Ca-Now we the time to test the best Catarrh, Bromeldits Asthma a d Rheumatic Care in the City of Astoria. Fif y packages of Lekoy's West India Catarrh Cure, the regular price of which is \$5.00, can be had from J. W. Coun, the druggist, at \$1.00 per partic Care in the City of Astoria.

Fif y packages of Leroy's West India Catarrh Cure, the regular price of which is \$5.00, can be had from J. W. Coun, the druggist, at \$1.00 per package, thereby saving \$4.00. This is a preparation warranted to cure. Call and get a package, as they go fast.

Remember the place—Conn's, opposite the Occident Hotel. S. Brown & Co., Proprietors, Los Angeles, Cal. P. O. Box 892. Blumaur-Frank Drug Co., Portland.

Bucklen's Arrica Salve.

The Best Salve in the world for Cuts, Bruises, Sores, Tetter, Chapped Hands, Chilblains, Corns, and all Skin Eruptions, and positively cures Piles, or no pay required. It is guaranteed to give perfect satisfaction, or money refunded. Pice 25 cents per box. For sale by J. W. Conn.

WILL YOU SUFFER with Dispersia and Liver Complaint? Shiloh's Vitalizer is guaranteed to cure you.

ALL THE

Wealthy Young Woman Marries a Russian Convict

A RANCHER'S TERRIBLE DEATH.

The Grand Jury System Denounced-The Battle of Vitu General

News and Hotes.

recial by The Ustrup Press.l LONDON, Nov. 2.- News has reached ere of one of the saddest marriages on record, which was recently entered sented by republicans. This change into by a former Russian officer, concomes from recklesss trading on the demned to ten years hard labor in the mines and life-long banishment, and a young and beautiful girl possessing an ave the next state senate. The boase same and beautiful girl possessing an his chin, pulled the trigger with his known the world over; as for delicacy ample fortune in her own right, who ing the senate the democrats will con- has faithfully and wearily followed the

> The bridgeroom was brought to the altar of the prison chapel in the soiled gray clothes of a miner, his ankles bound by chains clinched to an iron waist band. The marriage ceremony over, husband and wife bade each other a sad but hopeful farewell, he to return to his gloomy, toilsome life, and she to await wearily until her husband obtains the freedom of a colonist.

THE STREET, WRECK. The Story of the Second Mate is

Disbelleved. cial to THE ASTORIAN] Fall River, Mass., Nov. 2.—The story of the second mate of the sunken vessel, the schooner Cornelius Hargreaces, which charges the captain with cowardice in connection with the collision with the steamship Viscoya is disbelieved here by the owners of the vessel, who are anxiously waiting Captain Allen's return home. Sev-Cincago, Nov. 2 - A Times special cral of the stockholders took out infrom Morris, Ills., says: All the opera-tors of the coal mines in the vicinity of Morris on Friday published a state-bur on Thursday night about the bur on Thursday night about the The

of about nineteen stockholders. WANT PREE ELECTIONS.

Reward Offered for Crooked Workers in Arkansas. cial to The Ascoutan.

Larrie Rock, Nov. 2. The repub-Missoura, Nov. 2.—Lala See, the fused to pay, and yesterday the men lican national congressional committee, has deposited \$31,000 in the 1887, was found guilty of murder in the first degree by a jury in the district court. He is the fourth Indian this state this week. Two hundred rather dollars reward is offered for testimony that will lend to the conviction of

violation of the electern laws.

THE SATTLE OF VITE. Was Srought About by an indisarcel Colonies.

estal to THE ASSOURTS - I Vita, resulting in the burning of that will result to shipping, especially if place and the massacre of many of its inhabitants, was caused by the indiscreet utterances of a German set-tler named Fredricks, whose vapor-

them to overt acts of hostility, necessitating their punishment." Zanzman, Nov. 2.—The British fleet which bombarded Vitu to punish the inhabitants for having massacred several German residents, has re turned to Zanzibar. The British had 13 men slightly wounded during the engagement and eighty or mnety of the enemy were killed or wounded, the victims being slaves and natives. No harm befell the Arabs.

SMOTHERED BY MUD. Strange Death of a Hancher in California.

pecial to THE ASTORIAN I San Jose, Nov. 2. - William O'Toole, a wealthy rancher near Milpitas, drove his horse over the edge of a bridge crossing a slough at Alviso late last night and before assistance could reach him was smothered to death in mended, in July last, the adoption of

the mnd.

Accounts of Banks, Bankers and Corporations solicited.

Our facilities for COLLECTIONS are excellent, and we re-discount for Banks when balances warrant it.

Boston is a Reserve City, and balances with us from Banks (not located in other Reserve Chies) count as a reserve.

We draw our own exchange on London and the Continent, and make cable transfers and place money by telegraph throughout the United States and Canada.

We have a market for prime, first-class Investment Securities, and invite proposals from States, Counties and Cities when issuing bonds.

We do a general Banking Business, and in-Grand Jury's Denounced.

the reputation of reputable men. The Telegraphers' Troubles.

Special to THE ASTORIAN.] CHICAGO, Nov. 2.-Local members of the Brotherhood of Telegraphers, at a meeting this afternoon, decided A. A. Jordan, champion flarifier of America, and hold r of the American by an almost unanimous vote to resign record for running 120 yards over 3 feet their charter in the Young organization. This resolution of the Brother have for a great many years used bood will be made known to the West-

their employ.

ADVICE TO MOTHERS. MRS. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gams, allays all pain, cures wind cholic, and is the best remedy for diar-room. Twenty-five cents a bottle.

Boston unions want New York tenement goods excluded from that

Bucklen's Arnica Salve.

Special to THE ASTORIAN. South St. Paul, Minn., Nov. 2.— A bloody tragedy occurred here this evening, including a double murder followed by a suicide of the murderer.

MURDER AND SUICIDE.

A Fatal Quarrel over the Owner-

ship of Cattle.

Benjamin W. Rogers and Wm. B Rogers were brothers, engaged in the ission business and stock raisers Last night some of their cattle strayed into an adjoining meadow belonging to a farmer named George Robodge This evening the Rogers brothers went after their cattle and a dispute arose between them and Robodge over the ownership of several animals. quarrel grew warm and Robodge went house and returned with a double-barrelled shotgun, loaded with slugs. Before the brothers could retreat he fired at Benjamin, literally blowing off his head. The second barrel was discharged at William fatally wounding him in the neck and breast. Robodge reloaded the gun and returning to his barn, divested

WAS IT SEICIDE?

cial to THE ASTORIAN !

himself of his coat, hat and shoes,

placed the muzzle of the gun beneath

A Man and Woman Asphyxiated in a Hotel.

NEW HAVEN, Conn., Nov. 2 .- John Brown, aged 25, and an unknown output of young fish. roman were found in a room at the Franklin house, in this city, this even-They were alive when found and were removed slightest chance of their recovery. They registered at the hotel at 10 repo'clock Saturday night as man and day. wife, and they were not seen until this evening when a smell of escaping gas caused an investigation to be made with the result as above. they are is not known. Their clothing is of good material and their features would indicate that they are no of the lower class.

THE INFORMATION SIGNAL.

aggestions and Explanations Concerning The Yellow Flag.

A letter received at this office from John P. Finley, 2nd Lieutenant of the signal corps in charge of the signal service office in San Francisco, lated Oct. 30, 1890, gives considerable information in regard to the rise of the yellow flag, and though some-thing similar has been published in these columns, it is well that the mat-

ter should be clearly understood, and therefore a portion of the letter is copied as follows: The information signal is storm signal in the sense that its disany person who may be guilly of a ing the approach of a storm, of such a gon fish laws. nature that the important details regarding it cannot be indicated by the display of the regular cantionary obstruction placed in the river by a storm signals. Under such conditions the information signal may convey the above the railroad bridge. This dam intelligence that a storm is off at sea was built some time in September. moving eastward but in such a posi- The attention of the state fis LOXPON, Nov. 2. A special from tion, and moving in such a direction that it is believed no serious injury the vessels going out move in certain directions. The ordinary cuttionary storm signal when hoisted at a place

> signal at Pacific coast stations because it is believed that the use of this signal will better serve public interests, in that it not only indicates the approach of storms but that it furnishes additional intelligence as to their character, direction of movement and probable continuance. The information signal has the further advantage of being able to be hoisted several days in advance of the storm

> whereas the cautionary signal must be hoisted a few hours before the storm is expected to strike the point where it is displayed. the information signal for use at Pa cific coast stations, where the conditions as to the approach of storms are

change in weather conditions

different from those prevailing on the Atlantic coast. I carefully watch your excellent paper for comments on signal displays and reports regarding the effects of storms that enter the north Pacific coast. I find many valuable items in this respect which are of practical use in this office and 1 appreciate your kind co-operation with this service in furnishing this office with your paper.

Louis Kossuth is still engaged a his home in Turin, Italy, in writing his memoirs, the completion of which is made slow work by his great agehe is now eighty-eight years old-and his habit of running into diffusive

A law has been promulgated a

Hardanger, in Norway, to the effect that no girl shall be eligible for the marriage state until she is proficient in spinning, knitting and baking. The Way Made Clear

One of the most serious obstacles to so cess in the way of man is planted right the middle of the road to health. How restore and to maintain a regular habit body and digestion is too often a source needless and unhappily, of valu inquiry, is not necessary to inveigh against draspurgatives. They who have used them couldnessely know the consequence. A reme which unites the action of a regulating me icine for the bowe's with that of a too both for those crans, the liver and the icine for the bowe's with that of a tone
both for those ergans, the liver and the
sanctioned by the best medical authority,
and receiving daily the indorsement of our
fellow countrymen. With this effectual,
though gentle, laxative at hand, it is possible to defy those changes of temperature
productive of constipation, as well as constitutional attacks of billousness, which beset even people naturally healthy. Majaria
dyspepsia, rheumatism and kidney troubles
are remedied and prevented by the Bitters

SLEEPLESS NIGHTS, made miser able by that terrible cough. Shiloh Cure is the Remedy for you.

For lame back, side or chest, use Shiloh's Porous Plaster. Price 25 cents.

OUR SALMON HATCHERY

Inadequate Protection Stands in the

ESTIMATE OF THE YEAR'S WORK

Commissioner Hubbard Condemns the Mill Dam and Suggests that the Close Season be Extended-

state, the degree of success attending the artificial propagation of these fish is always a matter of deep interest to the public. It is right that it should be so, for the far-famed Chinook sal- artificial perhaps more to extend the reputation of Oregon than any one other industry. Chinook salmon have become it the necessary protection to make of flavor and general eating qualitie

they are unsurpassed by any other salmon in the world. As the spawning season is gradnally drawing to a close, the eyes of fishermen and cannerymen are nat-urally turned to the Clackamas hatchery for an estimate of the probabl

The hatchery is located on the Clackamas river, about five miles above the Oregon & California railway bridge at its junction with Clear creek, to the hospital. There is not the and for the purpose of ascertaining the extent of this year's operations, a reporter visited the hatchery last Sun-

> Fish Commissioner W. F. Hubbard, who is in charge of the hatchery for the United States fish commission, stated that about 3,050,000 have already been taken and that if the weather remains good the year's out-put will be from 3,500,000 to 4,000,000 young fish. Last year's output was 4,500,000. This deficiency is accounted for in various ways.
> State Fish Commissioner Reed

ESTIMATE OF THE YEAR'S OUTPUT.

whereas the appropriation was not forthcoming till the 1st of July. From this delay he reasons that the state will suffer the consequences in a much smaller output of young fish. Commissioner Hubbard seizes the

dilemma by the other horn and takes an entirely different stand. OREGON FISH LAWS INADEQUATE. play signifies the occurrence of a storm at the place of display, but rather that it gives notice to the pubdelship in erecting dams the greatest lie that telegraphic information has loss is due to the inadequacy of pro-been received by the observer concern-tection afforded salmon by the Ore-"The principal cause of a small

dam at the sand mill, a short distance

missioners was called to it and they thought they were remedying matters by causing a spout or fish-ladder to be built in the center of the dam. That this contrivance did not meet the requirements of the case was evi ther named Fredricks, whose vapor-ings exasperated the natives and led for a storm at that place and that it caught below the dam immediately will affect the neighboring country for after the end of the close season a region of perhaps from seventy-five Hiller, the man at the mill, caught to one hundred miles in extent. The information signal has been now he is catching from forty to fifty substituted for the ordinary storm a night, while we with all our facilities now he is catching from forty to fifty are not spawning over an average of thirty-five a day. The hatchery is operated for the benefit of the entire

state. The dam at the mill is a pri-

vate enterprise and the fish caught below it are sold for the individual profits. THE DAM SHOULD BE REMOVED. "This dam ought to be taken away, in the first place, and then the close season should be extended a month onger. We are now catching more fish than we were at the same time last year, and if the weather remains favorable we will continue to catch them several weeks longer. Anyone can see how we are handicapped by the dam below us. The close season going up stream, and it is supposed to came to an end on the 1st of October gradually waste away and die of and we have no way of preventing starvation. The males go back to and we have no way of preventing fishermen from catching salmon that we should have for spawning purposes. They even encroach upon the

hatchery grounds, and all we can do is to keep them out of that. "If it were not for the sawmill dam and we had the close season extended another month, we could in all probability turn out twice as many young salmon as we will. The dam is more of a barrier to Chinook salmon than to Silversides, for the reason that the former are about ready to spawn and consequently slow and sluggish. The Silversides are fresh from the ocean, and being more spry and energetic, find their way through the spout more readily. During the late rains when the river overflowed the dam, we were able to catch many more salmon than we did either before or have since

450,000 eggs from the Clackamas hatchery to the branch hatchery at Warrendale last Wednesday and it is understood that he wants two or three hundred thousand more.

"What is the idea of taking eggs to the Warrendale hatchery, when you have accommodations enough for hatching them here?" Commissioner

Hubberg was agged.

JUDGE JOHN CHANKY, of Oseola, Ia, ays: "I contracted sciatic and muscular rheumatism in the army, and suffered most excruciating agony for years. Dr. James Roberts, of Oseola, Ia, ays: "I contracted sciatic and muscular rheumatism in the army, and suffered most excruciating agony for years. Dr. James Roberts, of Oseola, Ia, hatchery to the branch hatchery at contracted sciatic and muscular rheumatism in the army, and suffered most excruciating agony for years. Dr. James Roberts, of Oseola, Ia, hatchery to the branch hatchery at contracted sciatic and muscular rheumatism in the army, and suffered most excruciating agony for years. Dr. James Roberts, of Oseola, Ia, hatchery to contracted sciatic and muscular rheumatism in the army, and suffered most excruciating agony for years. Dr. James Roberts, of Oseola, Ia, hatchery to contracted sciatic and muscular rheumatism in the army, and suffered most excruciating agony for years. Dr. James Roberts, of Oseola, Ia, hatchery to contracted sciation and suffered most excruciating agony for years. Dr. James Roberts, of Oseola, Ia, hatchery to contracted sciation and suffered most excruciating agony for years. Dr. James Roberts, of Oseola, Ia, hatchery to contracted sciation and suffered most excruciating agony for years. Dr. James Roberts, of Oseola, Ia, hatchery to contracted sciation and suffered most excruciating agony for years. Dr. James Roberts, of Oseola, Ia, hatchery to contracted sciation and suffered most excruciating agony for years. Dr. James Roberts, of Oseola, and the properties of the properties of

HERE IS A CONUNDRUM.

State Fish-Commissioner Reed took

"That is just what I don't know," replied he. "We have fourteen rows of troughs here, each row containing twenty-four wire hatching trays. We are now putting about 15,000 eggs in a tray, but we could easily put in 25,000 without any crowding. We can take care of even more eggs than this, by taking away the young fish as soon as they are old enough after being hatched. If all conditions are favorable, this hatchery can handle from 10,000,000 to 12,000,000 eggs a year.

Athlete Praise it Highly.

Some time ago, while a member of the Olympic Athletic Club, I sprained my kne severely and suffered agony, but was proeding and completely cured by St. Jacobs Oil.

Jumped from Engine.

"I presume the state fish-commis sioners, who take the eggs by permission of the United States fish-commission, desire to place a portion of the

ge at Warrendale to facillitate th distribution of young fish. I, myself think it a good idea to distribute the

fish throughout as many streams in the state as possible, but the young fish should be put in shallow water, where their chances for surviving are much better than in the deep Colum-bia. In the Columbia they are at Way of Success.

bia. In the Columbia they are at once placed in contact with many of their natural enemies, whereas in shallow streams, they can gradually feel their way to deep water. For a while, at least, they are protected from the rapacity of deep-water fish." WHAT THE GOVERNMENT ASKS. As the salmon industry of Oregon is one of the most important in the artificial propagation of salmon best be facilitated?" "All that we ask," he replied, "is protection. Give us a chance to eatch salmon and we will turn out enough young fish. If it is worth be so, for the far-famed Chinook salmon of the Columbia river has done while to propagate our salmon by artificial means at all, it is worth while to do it well and to the best possible advantage. The govern is trying to operate this hatcher the benefit of the state, and the the state can do in return is to give

> the work a success. The state legis-lature should take some steps to pre-vent the erection of dams across the river below the hatchery, and the close season of salmon should be extended another month. A FIELD FOR MORE HATCHERIES. "If the state wants to do anything beyond this, there is a good field for operating hatcheries at the head of the rivers. There they could catch the early run of salmon, which we are not able to handle as far down stream as we are here, if we were to impede their progress by building our racks early in the season they would kill themselves trying to get through. They will not stand confinement. Racks at the heads of rivers would fill the bill, for here the fish are near their natural spawning ground, and a rack would not act as much of an obstruction until they commence to spawn then they could easily be caught

There are a number of rivers in this state where such hatcheries would IODUS OPERANDI OF ARTIFICIAL HATCHING.

attributes the small catch to the pen ury and short-sighted policy of the government in delaying the erection of dams by refusing to make an As the spawning season approach As the spawning season approaches female salmon go up streams to deposit their eggs. The males accompany them. They encounter the racks or dams built to arrest their progress, and not being able to get further, large numbers of them accumulate just below, where they fall an easy victim to the fish obstetrician. They are caught both in nets and with fish-wheels and then are put into small pens, in which they are generally kept over night before being subjected to the spawning ordeal. The appropriation when it was needed. He recently said that the dam should have been built on the 1st of May, kept over night before being sub-jected to the spawning ordeal. The female salmon averages about two and one-half feet in length and weighs about eighteen pounds, while the male salmon is found in all about eighteen pounds, while the male salmon is found in all sizes. Some are much larger than the

> After the eggs are in proper shape for the hatchery they are put in wire trays that are kept in long troughs of running water. The water is pumped up from the Clackamas river, and is kept running constantly. Each day the eggs are carefully picked over and all the bad ones are removed. The spoiled ones are easily recognized by their light color. It takes about ix or seven weeks for the eggs to

females and others again are very small. An average female salmon will

give about 5,000 eggs.

hatch, the time depending upon the weather and temperature of the After hatched, the young fish are kept about ten or twelve weeks, by which time they are able to paddle their own canoe. They are then about an inch and a half in length, and quite spry and thrifty.

The Clackamas river water being

natural spawning beds than the water from Clark creek, which was used until two years ago, gives better results. About 85 or 90 per cent. of results. About 85 or 90 per cent. of all the eggs taken are now hatched. What becomes of the female salmon after they are relieved of their eggs? Commissioner Hubbard says they all die. They die, he says whether artificially spawned or allowed to do so in their own natural way. They never leave the spawning way. They never leave the spawning ground and consequently, each sal-mon spawns but once. Moreover, the female salmon eats nothing after

nearer the temperature of water on

starvation. The males go back to deep water and take a new lease of Happy Hoosiers. Wm. Timmons, postmaster of Idaville, Ind., writes: "Electric Bitters has done more for me than all other medicines combined, for that bad feeling arising from Kidney and Liver trouble." John Leslie, farmer and stockman of same place, says: "Find Electric Bitters to be the best Kidney and Liver medicine; made me feel like a new man." J. W. Gardner, hardware merchant, same town, says: Electric Bitters is just the thing for a man who a new man." J. W. Gardner, nardware merchant, same town, says: Electric Bitters is just the thing for a man who is all run down and don't care whether he lives or dies; he found new strength, good appetite and felt just like he had a new lesse on life. Only 50c. a bottle, at J. W. Conn's Paus Store.

J. W. Conn's Drug Store. There is a gain of nearly 8,000,000 bales of cotton for 1890 over 1888.

A Voice From The Judicial

Bench. JUDGE JOHN CHANEY, of Oseola, Ia.,

2: JACOBS OI CURES PERMANENTLY SPRAINS and STRAINS.

Jumped from Engine.
609 S. 17th St., Omaha, Neb., Bept. 22, 1
jumped from an engine in collision
strained my ankie very badly. I used
for weeks. St. Jacobs Oil completely