THREE JURIES WERE EMPANEL. LED YESTERDAY.

Two Cases Were Non-suited, and in One the Jury Was Out Until Late Last Night.

(From Daily, Feb. 17th.)

In the circuit court yesterday, the time was consumed in hearing cases before juries. The case of W. P. Husk, plaintiff, vs. P. Gifham, defendant, an appeal from the justice court of Aumsville precinct, was called in the morning and went to trial before the following named jurors: C. G. Given, Chas. McCormick, L. C.

George B. Hovenden, Andrew Hughes, J. P. Humphrey, M. Helbert.

At 1:30 o'clock the case went to the jury and that body retired for deliberacourt room at 7.30 o'clock last evening no verdict had been reached and the judge left orders for a sealed verdict. Several hours later the jury agreed on verdict, and the men were permitted to go to their homes, the foreman having the sealed verdict in his possession Grant Davis, plaintiff, vs. P. I.

Brown, defendant, an action for money was the next case called, the following jurors being selected to hear the case: Wm. Armstrong Sr., W. W. Elder, C. C. Goodale, M. Porman, John Nicol, F. Keizer, J. W. Cox, W. Goodrich, A Lombard, D. D. Coffey, R. D. Holman. J. M. Bigler.

Evidence was introduced and nearly two hours consumed in hearing the case, when the defense moved a nonsuit, which, after extended argument this city at 12:30 p. m. yesterday. by counsel, was granted, the case dismissed and the mry discharged.

Mary J. Jackson, plaintiff and appel terors, the panel being exhausted, and passed away. both parties agreeing to submit the case to the five men:

John Nicol, Wm. Armstrong, W. W. Elder, Clinton Kurtz and C. C. Good-

All the witnesses were called, sworn and excluded from the court room when the trial began, and the hearing lasted until about 5.30 o'clock, when the defendant's motion for a non-suit was granted, and for the second time during the afternoon, the case was taken out of the bands of the jury.

In department No. 2, of the state cir cuit court, yesterday, two sults were filed against the board of commissioners of the sale of school, university and other state lands, to restrain the board from selling certain lands. In the first case C. E. Jean is plaintiff, and conpaid \$60 as an advance installment. that the board has since agreed to sell the property involved to one Emma L. asked for the purpose of greventing the making of a deed to the last named derendant Emma I. Watson.

The second case is brought by M. B. Rankin against the board and Frank D Scott on a similar complaint. Paintiff alleges that he made application for the purchase of the northwest quarter of section 6, t 8 s, r 3 e, and pait a fee of \$60; that he board of land commissieners has since sold the land to defendant Scott, and a restraining order is asked for the purpose of preventing the making of a deed to Scott.

THE STATE UNIVERSITY.

Legislative Committee Reports as to the Present Conditions.

The special joint legislative committee appointed to investigate the state university at Eugene, submitted, on Thursday, the following report in the

"We yisited the university, met the faculty and students, and visited quite a number of the class rooms when the classes were assembled. There are enrolled 171 students, but the attendance at present is some four or five

"Fourteen professors are employed, at salaries ranging from \$1,100 to \$2,000 per annum, and in addition thereto is the president, who receives a salary of \$3,000 per annum.

The students come from every part of the state, there being three or four counties of the state unrepresented.

"Generally speaking, the faculty seems composed of capable and able men, several of them being men of exceptional capacity, attainments and fitness for their work. It has been publicly stated that professors have secured positions in the institution through political influence, and as a reward for political services performed, and that positions in the institution have been used largely for political purposes.

"In a broad sense the charge is without foundation. We are disposed to befleve that in one, and possibly two, instances present members of the faculty were employed rather as a reward for political services rendered, than because of eminent fitness for the positions, but we are not prepared to say that the efficiency of the school has been impaired thereby. On the whole, it seems to us that the work being done in the school is excellent. The pupils seem bright, wide awake and industrithe curriculum is commendable we were impressed with the belief that those in attendance could not be

doing better. "We find that there is no foundation for the frequently repeated statement that the people of Eugene are using or

indications are it will continue so to We do not consider the sairies paid too great. | Capable educators cannot be secured for less.

"It is regretable that the advantages afforded by the university are not more largely enjoyed, and in this connection we cannot refrain from suggesting that, in our judgment, the faculty is partly responsible for the small patronage the school is having, in this; that the members thereof have not cui- mileage made the following supplementtivated a more intimate acquaintance ary report yesterday with those in charge of the common go beyond the state to secure a university education, and we believe they and understood that the advantages offered at he University of Oregon, if not equal to any other, are all that anyone requires. The members of the faculty should be the leaders of educational thought and work within this state; should form and mould public sentiment on these lines, and, to that end, they should bring themselves more closely in touch with the educa-Cavanagh, Henry Kraus, John Craig, tional system of the state. They should Enrolled bills, 8 clerks; chief clerk E. F. Parkhurst, Earl Race, J. L. Cook, visit and aid in conducting county, disassist, not only in giving an impetus a higher plane, but also in populariz-When Judge Burnett left the ing the school they represent. This we suggest, not in the way of unfriendly criticism, but in the interest of the

DROPRED DEAD ON THE STREET. Heart Disease Ends the Life of Louis Lemery, a Pioseer Farmer of Marion County.

people of this state, and of an institu-

answer their expectations and hopes."

Louis Lemery, one of Marion county's pioneers and a prosperous and well-todo farmer residing three and a half miles north of Gervals, dropped dead in

Mr. Lemery, accompanied by a neighbor, Daniel Cavanaugh, drove to this lant, vs. F. W. Durbin, defendant and city yesterday morning for the purpose respondent, an appeal from the Salem of transacting some business at the recorder's court, was the next case; it Marion county court house and it was went to trial before the following five while en route to that building that he

When midway across High street, on the north side of Court, Mr. Lemery was suddenly prostrated and before his companion could render him any as-/ sistance, he fell on the street. Chief of Police, D. W. Gioson, who happened in the vicinity at that time hastened to the residence of Or. J. N. Smith, near by for medical assistance; willing hands, in the meantime, having removed the apparently lifeless form from the street to a sholtered place alongside the old Kansas house. Dr. Smith soon arrived and Jabored hard to resuscitate the prostrate man, but to no avail, life was extinct.

Death is supposed to have been caused by heart trouble, complicated with apoplexy. The remains were rem to the undertaking parlors of W. T. tends that he applied for the purchase of the deceased and Mrs Lemery came of the south half of section 20, t 8 s. r 3 to this city during the afternoon and e., and that with the application he had will accompany the body to Gervals on will accompany the body to Ger the overland this morning, where funer-

al services will be held. Mr. Lemery was about 63 years of age Watson, and the restraining order is and a wealthy farmer, having resided in this county for about forty years. Besides a willow, he leaves a large family of children, five sons and five daughters, all of whom are grown up, the youngest being about 16 years of age.

THREE JOINT INDICTMENTS.

Report Made by the Grand Jury Yesterday.

The grand jury of the current term of circuit court for Marion county yesterday returned three foint indictments against P. H. D'Arcy and W. clerky are as follows: J. D'Arcy, S. T. Richardson, J. A. Carson, W. J. Rafter, H. T. Hayes and L. V. Ehlen, charging them with the of- land. fense of altering the public records of Marion county-the tally sheets and ly, chie! (transferred to stenographer ballots of Monitor, Mt. Angel and Butteville, respectively, for the June (1898) election; the readers of the Statesman and the general public are conversant with the alleged ballot frauds, consequently it is not necessary to review the matter at time. The defendants appeared before Justice of the Peace H. A. Johnson last Enrolled bills-W. Arthur Robbins. evening and furnished ball for their appearnace in the circuit court when E. J. Swafford, F. E. Holman. Ella their cases are called, which will probably be some time today.

FOR SIGNAL SERVICE.-A. Jones, operator for the Pacific Postal Telegraph Company, at the state house during the present session, has made application to General A. W. Greely, chief signal officer of the United States officer, for membership in the signal corps in the Philippines. Mr. Jones is a telegraph operator of ten years' experience, a strong, healthy young man of excellent reputation, and has many endorsements for his application, among them being those of Gov. T. T. Geer, State Treasurer Charles S Moore, ex-State Treasurer Phil Metschan, and many of the leading senators and representatives, as well as leading business and professional men of the state, and he is hopeful of receiving favorable consideration at the hands of General Greely.

A BRANCH LINE -- Manager W. H. Telegraph & Telephone Company, has immigration-- J. H. Henderson. at once begin the construction of a Campbell. telephone line between this city and Mt. Angel. The work will begin imme- acott. diately, and will be pushed until com- Resolutions-Jennie Curtis. communities is brought into telephone L. Smith. communication with the city. The of- Salaries, state and county officersfice at Mt. Angel will be located in the Ira Wade. college of the Benedictine Fathers.

It is stated that the number of card- Stenographers for house-Bonnie desire to use the university as a local holders in the Boston public library— Gans, Mrs. Clara Ferguson, T. B. Mc-

THE HOUSE CLERKS

WHO THEY ARE AND THE AMOUNT OF MONEY RACH WILL GET.

Many Purses Will Be Replenished by Donations from the State Treasury.

(From Daily, Feb. 17th.) The house committee on salaries and

We recommend that the clerks and school work of the state. There is no members of the several committees of reason why the youth of Oregon should the house receive the following per diem, to-wit:

Ways and means, 1 clerk..... 5.00 Ways and means, 1 stenographer., 4.9) Ways and mean 3, 2 clerks 3.00 Railways and transportation, 1 clerk 3.00 Election, 1 clerk...... 5.00 Education, 1 clerk........... 4.00 Engrossed bills, 6 clerks, chief clerk \$7.00; experts, \$6.60. Engrossed bills, assistant clerks ... 4.90 trict and state institutions, and thereby Enrolled bills, assistant clerks, 4.00 Arsessment and taxation, 1 clerk., 3.00 to educational work and in lifting it to Roads and highways, 1 clerk.c..., 3.09 Counties, 1 clerk 3.00 Resolutions, 1 clerk...... 3.00 Agriculture.... 3.00 Mining, 2 clerks 3.00 tion supported by the taxpayers, and Public lands, 1 clerk 3.00 which should be made, if possible, to Medicine and pharmacy, 1 clerk.... 3.00 Banking and insurance, 1 clerk 3.00 Indian affairs, 1 clerk.....

> Salaries and mileage, 1 clerk 3.04 Fisheries and game, 1 clerk 3.00 Health and public morals, penal and charitable institutions, statistics and immigration, 1 clerk.. 3,00 Corporations, 1 clerk..... 3.00 Food and dairy products, 1 clerk... 3.0 Salaries state and county officers. Manfactures, 1 clerk 3.00 Capitol and grounds, cities and

Military affairs, 1 clerk...... 3.00

internal improvements, 1 clerk... 4.60

Federal relations and committee on

towns, claims, labor, put lie libraty, 1 clerk 3.00 Printing, 1 clerk 3.09 Commerce, 1 clerk...... 3.00 The speaker of the house, 1 stonographer.... 5.00 Three stenographers, appointed by the speaker of the house, 40 days. 5.00

Joint and Special Committees-Multnomah delegation, 1 clerk....\$5.00 State library, 1 clerk....... 3.00 State treasurer, 6 clerks; 4 clerks at \$3.60; 2 at..... 5. School lands, 1 clerk..... Examine books of secretary of state 1 clerk..... 5.00 Deaf mute school, 1 clerk 10 days.. 3.00 Fishing industries, 1 clerk 20 days. 3.00 Insane asylum, 2 clerks, experts...: 7.00 Printing, 1 expert, \$7.00 per day:

Fenitentiary, 2 clerks (experts) 7.00 That the special committee to examine the soldiers' home, appointed at the Washington legislature receive the following mileage: -S. Farrell (400 miles).......... 60,00

C. J. Curtis (400 miles)..... 40.00 the soldiers' hame, appointed at the special session, he allowed the following mileage:-J. W. Maxwell (688 miles)......\$103.20 J. E. Hall (542 miles)...... 81.30 W. F. Gray (396 miles)..... 59.49 That the committee on revision of school laws be allowed the following

J. E. Hall (225 miles)......\$37.70 Johan Young (440 miles)...... 66.00 H. W. Palmer (220 miles)...... 48.00 That the committee on orphan's home be allowed the following mileage:-John McCourt (60 miles)\$9.00 J. J. Whitney (60 miles) 9.00 R. E. Moody (60 miles)..... 9.00

The names of the house committee Agricultural-J. Farnsworth. Assessment and taxation-I. A. Free-

on 12th). Barking and insurance-Fanny Ralph Commerce-B. L. Williams. Counties-R. F. Roberts.

Corporations-F. C. Geer.

Banking and insurance, C. E. Edger

Capitol and grounds, cities and towns. this labor, public library-Sibyl A. Cummings. Nellie J. Lottritz, Miss M. S. Creighton.

> Langley, Mrs. Steve McFadden. Geo. F. Judd. Engrossed bills-Clara Buffington. Wm. Maxwell (chief), S. H. Rook (expeft), O. R. Chamberlain, L J. Lamb. Mary Chadwick

Elections-J. C. Beck. Education-Austin Craig. Fisheries and game-Jennie A. Frier-

son. Food and dairy products-J. Thompson. Internal improvements-Mary Payne.

Horticulture-C. J. Gessling

Indian affairs-Fred McIntvre. Irrigation-Walter Moore. Judiciary-Laura L. Reeder (chief). Helen R. Stanley, Edith Smythe. Medicine and pharmacy-N. Convers

Military affairs-John Gill. Manufactures-Dollle McGuire. Mining-Josephine Foss, Mrs. E. F. Avers. Public lands-M. F. Stillman.

Printing-C. F. Catheart. Penal reform, charitable institutions. Dancy, local manager of the Oregon public health and morals, statistics and been informed that the company will! Railroad and transportation-Mrs.

> Roads and highways-Chas. N Won-Thus another of the rural Salaries and mileage-Miss Florence

> > Stenographer for Multzomah deleg tion-Louise Southwick.

high school. On the contrary, Eugene 75,600—is greater than that claimed by Devitt Jr., C. E. Edgerly (transferred maintains its own high school, and all any other city in the world.

days), John W. Kelley, Pora Dever-(chief).

Joint and Special Committee Clerks Deaf mute school (house)-Leslie

Camubell. Fishing industries (joint)-Ed. N

Edes. Insune asylum (house) -- Geo. C. Sears (expert), A. G. Beach, Printing (senate)-M. L. Holmes.

Printing (house)-Maud Merrison. A T. Hofer, Jr., Edward A. Swope (ex pert). Penitentiary-C. M. Mohler (expert).

E. Meyer (expert). Examine books penitentiary (senate) -B. P. Cornelius. Examine books state library (house)-

C. C. Neill. Examine books secretary of state-John H. Shupe.

Examine books state (house)-Ernest . Moriek Examine books state (senate)-Chas H. Dodd.

Examine books state (senate)-G. A Patterson. Examine books of state treasure

house)-A. T. Waln. Examine state treasurer-Geo. Pcebles, G. G. Crary, A G. Bochrodt, Mrs. Laura Pursel, W. W. McCuire. Revision of school laws (senate)-C

. Neill (ceased Jan. 16th). Examine books of state land board senate)-A. B. Little.

IN THE PROBATE COURT.

Administrator of the Estate of Charle L. Jones, Deceased-The Appraisers Named.

Margie Becker, yesterday, petitioned the county court that letters of administration in the estate of Chas. L. Jones, deceased, be issued to W. C. Hubbard. The petitioner was the wife of deceased at the time of his death, and the only heir. The estate consists of 60 acres of land in Marion county, valued at about \$500

W. C. Hubbard was appointed administrator, and he promptly filed his bond for \$1000, and letters of administration were issued to him.

C. W. Stump, I. W. Hubbard and C Becker were appointed appraisers of the property.

In the matter of the guardianship of Edward Greenwald, deceased, Judge Terrell yesterday appointed I. L. Lindsay, David M. Brown and Wm Conser as appraisers.

THE HOP MARKET.

In his latest bulletin Valentine Loewi the New York hop merchant says: Bales Receipts for week 2,485 Receipts same time last year.... 104,691 Exports to Europe for week Exports from Sept. 1,..... 87,063 Exports same time last year 70,125 Imports for week Imports from Sept. 1..... 2.047 Imports same time last year 4,705

Some features of the market have been a little more encouraging of late. end there sems to be a steadler, if not firmer feeling developing at the close. the inquiries from abroad are of such character as to lead to the belief that England must have more hops. Several shippers have stood ready to buy when they could find what they wanted, and of cable offers of stock which until recently would have found no favor across the water. Brewers continue to buy a few lots, and here and there a tot changes hands between dealers. . The quality of the holdings grows poorer as the season advances; the choice state hops have nearly all passed out of first hands, and only a few really choice Pacific coast are available. Prime stock from all sections is worth about 16@17c. while common to fair grades range from 12@15c. Fair buying is reported in the interior of this state at 11@15c. with better than 15c paid for a large growth of very fine quality. The Waterville Times estimates the stock back in Cneida county at 4,733 bales, Madison from 4,000 to 5,000 bales, Franklin 1.300 hales, and Otsego and Schoharie not reported. Some of the trade here consider these figures too high. A warehouse in the lower part of this city was burned on Thursday and 2,000 bales of hops were destroped; most of these were Pacifics, and the bulk having been sold, partly for export, will probably have to be replaced.

There are rumors of greater damage to the fruit trees of this section from the cold weather of a few weeks ago than was at first reported. We hope the later surmises will turn out to be founded more on anxiety and fear than on fact. There is no question, however, but the silver prune trees are nearly all injured or killed. But the "Novemter freeze" of a few years ago demonstrated that silver prunes are not a success here, and thousands of these trees have been dug up by our orchardists and replaced by Italians. As we have said several times, the prune for the Willamette valley has probably not yet been developed; but the Italian, so far, fills the requirements better than any yet in general cultivation. Our orchardists have met with a number of reverses and difficulties, and any injury to them is in the nature of a public calamity.

The town of Woodburn is terribly torn with dissensions over the amendments to the city charter. But we hope the dove of peace will yet spread her gracious wings over the people there, years, and that they will make up, Hobsonize, and work together for their beautiful little city.

Speaker Thomas B. Reed was once in sight of the presidential office. But he is getting further away from it all the time. His treatment of the measures for the construction of the Nicarsgua canal is putting hil's and dales in the way to obstruct his view of the coveted place.

There seems to be a sort of fatality surrounding the presidents of France.

Problem That Has Long Puzzled Railroad Men.

Max Barschall's Invention Successfully Tried on a Section of the Pennsylvania Railroad and Its Use Is Now to Be Extended-He Avoids Former Mis-

Not so very many years ago a large number of our railroads were not inaccurately described by the picturesque term. "An embankment and a couple of streaks of rust," and the general condition of their tracks, as it effected the riding public found expression in plays upon the initial letters of the companies which were amusing perhaps to everybody except the officers of the road but were not complimentary. One road which was the first to take New Yorkers to Long Branch and down into the Jersey pines where Lakewood and its neighboring villages now stand was the R. and D. B. railroad. All of its regular patrons knew it as the "Rough and Damn Bad," while a neighboring road, whose initials were F. and J., was known as the "Fits and Jerks" for twenty years or more. These names indicate more clearly than could easily be done in so few words otherwise the condition of the tracks over which railroading was done in America a generation ago. There is no improvement in sailroading which has added more to the comfort and safety of passengers than that made to the readbeds and rails. One official of the R. and D. B. railroad said one day, after the road had been in operation twenty years:

"We have never killed a passenger except through the passenger's own fault, and yet there has never been a day in twenty years when we escaped except by the grace of God. In all that time our roadbed and rolling stock have never been fit to use."

The day before he said this he had been in a car which was derailed and rolled down an embankment, but no one was killed. In these days, on even the best roadbed laid, the passenge. could estimate his progress pretty accurately by the series of bumps which marked depressions in the track at the end of each rail, and as long as iron rails were used, the battering down of the rail ends, and slivering of their tops were considered irevitable. With the advent of steel rails virtually began the improvement of our tracks and with that of the rolling stock, which taken together has made the railroads of America the most luxurious of all the traveling facilities of the world and the safest. Those who are concerned in the railroads only as truvelers lean back in soft seats, watch the quick changing landscape and enjoy the smooth speed of the train, and few except railroad men ever give a thought to the ingenuity and multiplicity of invertions which have been made and

utilized to bring about this result. Under the whoels of our carriage are rails of steel weighing from 85 to 100 pounds for each yard in length; under m again are broad-faced lies, spaced so close together that it is uncomfortable to walk upon them, and these in turn rest on a roadbed of broken stone a foot or more deep. You no longer feel the old bump, bump, bump, in passing the rail ends and, in fact, there are not so many of those ends to pass Instead of sixteen-foot rails there are none less than thirty feet long and some are double this length. Still, when riding on the engine, with its greater weight pressing lown the tracks, one can feel a bump at each rail end, and an examination of the tracks themselves after a few weeks of use shows that there is still an improvement needed to give a really smooth roadbed, the equivalent of continuous ralis

perhaps today the greatest need of the railroads. It is not even to be supposed that such an important matter has not attracted the atention of the inventors. As a matter of fact, the inventions in this line are so numerous that a list of the patents on them would make a large book, but those which come even near to solving the problem are few. When steel rails got actually to be cheaper than iron ones and cheap that railroads could easily afford to put down 80 to 100 pound rails, it seemed for awhile as if the problem might be neglected for a time. The rails were so stiff that they seemed scarcely to give under the wheels of the heaviest locomotive and the metal so firm that it was long before it showed the result of pounding at the ends of the rails. Many railroad men seamed content to use some heavy form of the ordinary fishplates and let the joints go at that. The heaviest locomotives that were built five years or so ago put a load of eight tons on a single wheel and 50,000 pounds was the lead of the biggest freight car. Today locomotives are built which weigh more than 130 tons and carry loads of twe've tons on each of their driving wheels. Rail ends on a husy road would be battered out so much under the lighter rolling stock as to force the putting in of new rails every eight or ten years. Under this new and heavier stock the results are likely to be so much worse as to make rail renewals a most serious item of expense unless some adequate device be brought out to cure the trouble. But for the battering of the rail ends, a rail would last under the worst conditions from afteen to twenty

It is one of the facts of the world's history that never has a need been great but some remedy has been found for the trouble, and so it is safe to assume that there is probably at hand a good and sufficient rail splice for present needs. The one which today seems to give the greatest promise of safety to passengers and money saving to railroad shareholders yls a foreign invention which has been under test on a section of the track of the Pennsylvania road just west of Pitisburg for two years. Its inventor, Max Barschall of Berlin, induced General Manager Loree to put in ten miles of these joints

pon a section of the road which is su ject not only to heavy freight traffic, b also to fast passenger traffic. The test has been so satisfactory that another ten miles of the road on the main line between Philadelphia and Pittsburg is to be equipped with the joints, is safe to assume that if this test proves as satisfactory the whole road will similarly equipped. It is also safe assume that, if the Pennsylvania railroad adopts the joint, there is no better one known.

This joint uses on one side of the rails

an ordinary fishplate of whatever design a railroad has in use or prefers. On the other side it uses what seems to be at first glance an old device, in the form of a short section of rail to carry the wheel over the joint. This piece of rail is indeed intended to carry the wheels smoothly over the joint, and if it were made and supported by the main rails in the manner formerly attempted its inventor declares that it would fail of its purpose and be more of a detriment to the track than a help. Formerly such sections were carried down to the main rail flange and clamped upon and against this. Held in that way the result was that when the weight of a passing wheel came upon the rail ends these were forced down, the third rail piece was forced up, and the joint was so worked at each passage that in a little while the bolts were loosened and worn and the whole joint rack d to piecez.

In the invention of Mr. Barschall the third rail piece is carefully separated from the flanges of the main rails, and then to maintain the separation and to make the whole joint solid a filling piece is inserted whose carefully designed form, it is declared, so supports the rail ends as to give the whole joint more stiffness than the solid part of the rail has, and to transmit the strains from a passing loud in such manner as to absolutely prevent the working or racking of the joint. This filling piece touches the third rall sention and the heads and flanges of the main rails only at its extreme corpers or shoulders. Dotted lines drawn, across it from shoulder to shoulder show the ines of the transmission of the lead strains and their distribution. The joint is invariably to have the support of under plates on each joint tie to give it the proper firm bearing to maintain its integrity. The cost of tha joint is said to be about \$2.50 as against about \$1.56 for the ordinary fishplate joint.

There is another distinct advantage which this joint is said to possess hich is worth considering in days when steam railroads are being converted to electric lines, as is said to be likely to happen to the elevated roads in this city soon. This is the faed together under the joint electrically, where the copper bonds are entirely rotected. Although It is the custom o use six bolts to a joint with ordinary fishplates, Mr. Furschall says that four bolfs are sufficient for his joint. In his method of electical bonding he utilizes the center bolt hole in either rail end for inserting the copper bondng wire and then bends the wire over and around the two inner bolts so as to get an elastic bond which will give and take with the expansion and contraction of the rails under changes of temperature.

STRAWBERRY SUPPLY.

The Season for It Extended from One

The strawberry season in the New York market thirty years ago extended from about the middle of June to about the middle of July; the fruit came chiefly from New Jersey, with from the Hudson river in this state. Now the regions of supply extend from Lake Onterio to southern Fiorida, and the season begins in January. Soon after the close of the civil war the strawberry producing territory was extended southward from northern Jersey in-to Delaware, Maryland, and Virginia, the areas cultivated being all close to railroads and quick communication. Within a few years strawberries were coming in carload lets from Delaware and Maryland, and ten years after the The making of perfect rail joints is

war from Virginia. From Virginia the cultivation of strawberries for the Northern market spread through North Carolina, South Carolina and Florida; from these three states strawberries have been coming here in carloads for ten years and more. Not many strawberries are re-

crived here from Georgia. The first of the Florida strawberries are recived now about January 1st. which is considerably earlier than even Florida berries were received here at first. Florida bere's are received until about the middle of March, the earliest berries coming from the more southern parts of the state, shipments being made from parte further and further northward in the state as the senson advances. Charleston berries begin to come usually from the 10th to the 20th of March, the season continuing until the 10th to the 20th of May. North Carclina begins shipping about May 1st to May 31st. The strawberries from south of Virginia come almost exclusively by rail, and in refrigerator cars in fast trains, those from south of Charleston being designed for the purpose. Of the Virginia berries perhaps half are shipped by boat from Norfolk. Maryland and Delaware ship from about May 15th to June 19th, and then south Jersey begins and continues for about ten days; berries from North Jersey begin to arrive about the middle of

While the cultivation of strawbergles was extended greatly southward from Jersey after the war, it was, also at that time largely increased and extended further north, along the Hudson river, and to districts in this state still further north. For about fifteen years strawberries have been received here in large quantities from Oswego and from central New York. The Hudson river berries begin coming late in June and continue until about July 4th. Boston gets strawberries from Nova Scotla and New Brunswick as late as the middle of August. Some strawberries are now received here from California in Nevember and Pecember, but not in great quantities -Sun.

June.

TO PAY SPAIN.

Washington, Feb. 17 .- Two bills were introduced today to pay Spain the \$20,-000,000 provided for in the Paris treaty.