

ROCK ISLAND GOES ONE BETTER.

Big System Duplicates Burlington Train Between Chicago And Denver.

ELECTRIC FANS THROWN IN.

It Is Now Anticipated that C. B. & Q. Will Serve Its in Effort to Outbid Competition.

The scramble between the Burlington and the Rock Island for passenger business is an interesting and strenuous one. Both big systems are straining every nerve to give the fastest time with the best service.

Following the announcement made in the "News" on Saturday night to the effect that the Burlington has put into service between Chicago and Denver an electrically lighted train from baggage car and day coach to dining car and sleeper the Rock Island comes out with a similar inducement with the addition that electric fans in every car are thrown in for good measure during these hot days.

This announcement was made by District Passenger Agent E. Drake this morning on receipt of a notification to the above effect from headquarters.

W. B. HALL PROMOTED.

Salt Lake Appointed General Storekeeper of the D. & R. G.

W. B. Hall, familiarly known among the local railroad fraternity as "Billy" Hall, has received orders from Denver & Rio Grand headquarters to pack his trunk and come forthwith to the Queen City as general storekeeper of the D. & R. G. Mr. Hall will in all probability leave this afternoon for Ogallala, Neb., Tipton, his chief clerk here in charge of the Salt Lake storekeeper's office. This promotion comes in the nature of a pleasant surprise to Mr. Hall and his friends. The appointment is effective July 6. The Hall family will accordingly make double event of it to-morrow.

WASHOUTS IN KANSAS.

Railroads Having a Bad Time with Heavy Rains.

Denver, July 3.—The eastern railroads entering Denver are experiencing the worst leap of traffic that has occurred in their lines in several years. All of the western roads were unable to get their trains into Denver on time yesterday and those leaving the city had to go so slowly that they will, as a rule, be late arriving at their destinations. The trouble is caused by unprecedented rains in Nebraska and Kansas.

The Burlington is the worst sufferer. This road has 2,600 feet of track washed out between Arapahoe and Holtwood and it became necessary to use the Union Pacific tracks. The tie-up is causing delay in the arrival of delegates to the Epworth league convention here.

\$31,000,000 CHECK.

Record One Made by Senator W. A. Clark On Saturday.

One of the largest checks that ever passed through the New York clearing house was handled last week in the form of one signed by Senator W. A. Clark for \$31,000,000. This was the record amount loaned to the San Pedro, Los Angeles & San Luis Obispo company on Saturday for one year, the whole sum being taken over by Senator Clark and his associates, co-owners of the stock and bonds of the road.

SOME HISTORY.

Rise of E. E. Calvin from Operator to General Manager.

Last week the Evanston News-Register published some of the important events that transpired in that city 24 years ago as related in the "Evanston" paper then published. The Evanston one of the items was the resignation of Mr. Calvin, now vice president and general manager of the Southern Pacific, and reads as follows:

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FITZ IN DEFAULT.

"Fighting Bob" Not Here to Meet Judgment in Lion Biting Case.

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wife, was here this morning en route to the coast from New York.

The fact that there is a function scheduled for the Salt Palace tonight has nothing to do with the unusually large number of traveling freight agents and railroad men being in the city today.

President Engineer Charles J. Lawrence and his chief clerk, George J. Cleary of the Western Pacific, who have been in San Francisco for a couple of weeks, have been ordered to return to Salt Lake and report for work.

The Salt Lake Route has issued orders prohibiting news agents on its trains from doubling up the price on magazines and current publications. This step towards protecting the traveling public has not yet been taken by all railroads.

W. N. Howes, of the Blue Book Publishing company of Los Angeles, arrived here this morning from the coast for the purpose of getting material to publish a Salt Lake edition of the Travelers' Blue Book which is to be distributed among tourists east and west.

Following the resignation of Conductor Dadds who goes to the Southern Pacific as trainmaster, under Mr. Platt, and the promotion of Conductor John J. Tamm, trainmaster at Provo, Conductor McMillan, of the Hotel Colorado and Thomas Davis on the Wood river branch have been given runs on the main line. Their places on the branch will be taken by Conductors Thorne and Joe McManis.

FROM TREE TO BOOK.

Processes of Paper-Making Shown at Lewis and Clark Exposition.

Portland—On a triangular platform near the Everett section in the Washington building, Lewis and Clark exposition, stand three immense rolls of wrapping paper, made of wood pulp secured from fir, cedar, spruce and cottonwood trees of Washington. One roll stands at each corner of the triangle. Each weighs more than a ton, is six feet in height and more than three feet in diameter. Between these monster rolls are racks holding phials and dishes showing the various chemicals and processes to which the wood is subjected before it becomes pulp.

From the standing tree in the forest to the highly calendarized piece of writing paper on your desk or the book in your library is a most interesting and devious process. The sawyers go into the woods, select their trees, chop them down, and haul them to the pulp-mill. They are then cut into four-foot lengths. The logs are then run through what is called a chipper, a machine which attacks the log at one end and gradually chisels it away until it is left, each chip being about as big as a postage stamp. These chips are then taken to enormous vats, and cooked for many days in water heated to the boiling point. This is done to make the wood soft and workable. While the cooking goes on, lime, soda-ash, and sodium carbonate are placed in the vats and cooked with the chips. The result is a thick, black, evanescent pulp, which is washed in order to digest the cellulose.

Bleaching is then effected for chlorine of lime, chlorine solution and chlorine enter largely into this whitening process. The mass is then treated with alum and oxidized starch, which is used for "sting," and as a filler.

In order to secure a glaze to the paper, resin is placed in the mass, then resin soap for more "sizing," then agaric and the stur is ready for any coloring matter necessary to produce the various shades of paper.

Springville—At the stage of the manufacture that the ink-making process takes place. The pulp is fed into two numerous, extremely fast rollers or calendars, on the canvas belt six feet in length. The pulp is now of the consistency of milk and water. As it passes between the rollers the heat absorbs the moisture, and the immense pressure results in what looks almost like paper. From the canvas belt, as soon as the pulp is able to "run alone," it passes to hundreds of other heated rollers which give it to that glossiness and smoothness possessed by book papers. And now you have paper.

Paper-making on the wood pulp industry is one of the most flourishing industries on the Pacific slope. Paper made in Washington and Oregon goes all over the Pacific states, and enormous quantities of it are shipped to the point to come back here in the shape of fire crackers and laundry checks. Millions of dollars annually change hands in the manufacture of paper in this section of the country. At Oregon City, Oregon, only 12 miles from the Lewis and Clark exposition, several large pulp mills prepare the wood for paper-making.

CHORI NIGHT IN THE 18TH WARD

The Eighteenth ward chapel, which was built to accommodate 500 to 600 people, held 200 above its capacity last night, all the sides being crowded. The organ was "Choir night," the Bingham and the popular telegraph operator at the piano, while Mr. T. C. Tamm, who is very highly esteemed by music men for his many good qualities. The organist's bride is a daughter of Hon. H. A. Man, member-elect of the territorial council and Union Pacific agent at Granger. A long and happy life is all the harps we wish them."

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ENGINEER SUES FOR HIS SALARY.

Case of Caleb Tanner Against State Auditor Edwards Argued This Morning

IS TAKEN UNDER ADVISEMENT.

Defendant's Contention is That Engineer Did Not Work for Salary Claimed.

The mandamus case brought by State Auditor Caleb Tanner against State Auditor J. A. Edwards was argued before Justice Lewis this morning and taken under advisement by the court. The action was brought to compel the auditor to draw a warrant in favor of the engineer for \$11,66, alleged to be due the latter as salary from March 15 to March 31, inclusive.

It is contended by the auditor that the engineer did not take actual charge of his office until the morning of March 21, and hence is not entitled to the salary between March 15, the date he took actual possession of the office, and March 21, the date he took actual possession of the office. It is claimed he is only entitled to \$10.75 as salary, if any at all.

Mr. Tanner was appointed on March 8 by the Auditor and was confirmed by the senate on March 9. It is claimed that his appointment was illegal because there was no vacancy in the office at the time he was appointed, as former State Engineer Doremus term had not expired. Hence he is, it is argued, entitled to \$10.75 as salary.

Attorney M. C. Davis argued the case in behalf of Mr. Tanner and Attorney General Breeden represented the state auditor.

PIONEER WOMAN DEAD.

Hannah Jane Gemmill Called Home at Age of 81 Years.

Special to the "News."

Springville, July 3.—Hannah Jane Gemmill, a highly respected resident of this city, and a pioneer of Springville, died Saturday night at the ripe age of 81 years. The deceased was born Oct. 19, 1824, in Rochester, New Hampshire, and died April 29, 1899, in Springville. She was the wife of Dr. Joseph Gemmill, a prominent physician of Springville, who died in 1881.

Dr. Gemmill was a member of the Wasatch Literary association, assembled in honor of the 25th anniversary of the Wasatch Literary association, and was a member of the Wasatch Literary association, and was a member of the Wasatch Literary association, and was a member of the Wasatch Literary association, and was a member of the Wasatch Literary