

Idea Unknown but Probably Is Saint Now.

## WORK IS NERVE RACKING

Days Required to Adjust Schedules So One Train Will Not Bump Some Other.

"Mercy, what an aggravation! They've changed the time of that train!"

When a representative of the class known as the Common People, some-times called the Traveling Public, gives utterance to a sentiment of this kind, little he knows of the heartache, the blood-sweating, the rivalry of one community toward another, the cry of the railroad's traffic department for faster time and the answering wall of the operating department that to give that faster time means extra risk of disaster or derangement of the whole system.

But some inventive genius discovered a way to help reconcile the traffic department and the operating department. He did it with a piece of string. If someone could find a way to re

arriving five minutes after noon so the population could see it come in without losing time from business with Bunkton's demand for a train ar-

of the railroad man. freight unloading its cargo

## Every Road Uses String.

But this piece of string! Every railroad of the northwest now uses stling. It shows just where every make his train run slow between on one of the Missouri lines. There train from the north will meet every these two places while the fast mail train from the south, it shows how is reaching the division point. fast No. 23 must travel to keep out of suddenly he discovers that by doing an innovation. Nearly every road in the way of No. 13. And this is how it this he will be holding back the limited which, by all rules of operation is done.

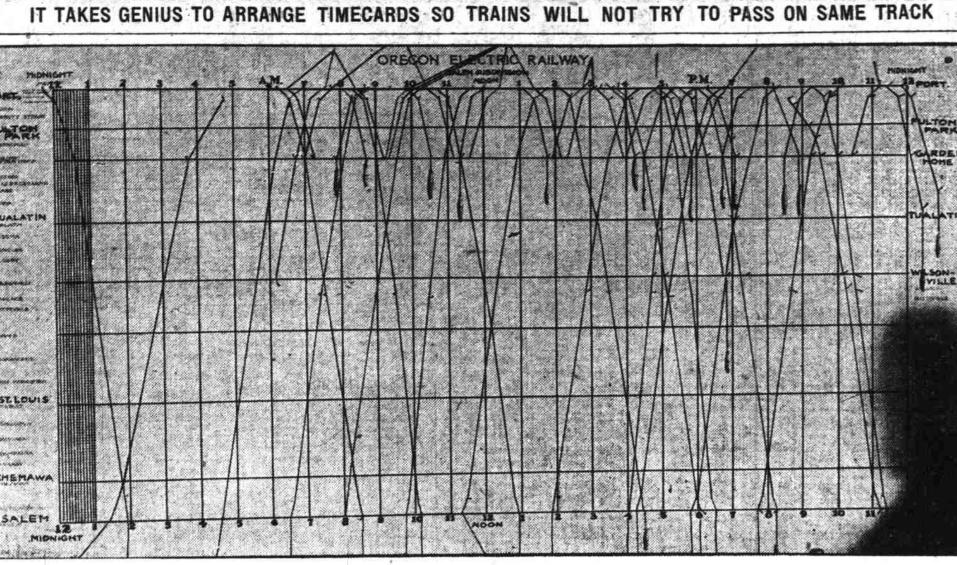
A great board, maybe eight feet long and traffic, must get ahead. So and five wide, is prepared. On this is pulls out his pins again and drives pasted a big sheet of paper marked them in another place, only to find off with vertical and horizontal lines. that a freight train stops at Bunkton Down the left margin of this card is at the very instant he figured on put-

inscribed the name of every station on ting his changed-time train there. Then this thought suggests itself. the division. Along the top margin are inscribed all the hours of the day from Change the time of the fast mail and midnight to midnight. Enough space start the freight an hour earlier. So is left between the names of the towns he pulls out a pin or two from the so that the distance in miles may be strings representing these other trains shown accurately on the body of the and tries setting them over. And so the process goes on. Somechart with horizontal lines drawn to

times he will wake up in the middle the proper scale. The distance between the hour numerals is spaced so of the night and shiver with delight at the thought of a way he can send No. that vertical lines, representing groups 4 into Binkton ahead of No. 11 and so of five minutes, may be drawn make room for No. 44 on the passing Task Requires Many Days. This is the equipment the time-card track three miles south of Spinkhurst.

maker starts with. Then he gets a half-peck of pins, a tack hammer and, of cours, the string. Now the stringing of a time-card is

authorized the change in train time.



concile Binkton's demand for a train Huge chart, with names of stations, on which, from one pin to another, are strung pieces of twine which, when they cross, indicate that a train must be passed. The card maker juggles these crossings so that traffic can move with facility and safety of the traveling public is made certain.

riving at 11 a. m. so the merchants send the train head-on into another taken off or another change is made used on the Oregon Electric, one on could get to the city in time for lunch train 20 miles from a passing track in time. at the Weisslichtquelle, another hair nor may he put it into a station while C. A. Vermillion, superintendent of would remain in the thinning thatch the only track there is occupied by a telegraph and car service of the Spo-

Ten

TUALATIN

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a vertex

STLOUIS

CHEMAWA

School Wines

## Many Pailures Before Success. So he figures and schemes. Pres ently he thinks he has it. He will

"Old Man" Disapproves.

Finally he has it all figured out, so

that every string on his board will

his first card nearly 25 years ago was some discussion then as to the value of the system, which then was But the country now uses the system. Many Charts Required.

The North Bank system requires 10

kane, Portland & Seattle railway,

one of the deans of timecard makers

of the whole northwest. He strung

of these train charts to keep their is to do, the dispatcher doesn't have schedules easily recognized. On some to bombard him with telegraphed or telephoned orders at every station or of the longer stretches maybe two so, and the time loss due to unlookedboards are used to take care of the movement of one train. Several are for waits on passing trains is reduced. | court tomorrow morning.

the United Railways, and the main steam lines and branches each relong since been made a saint.

quire the board. Four are used by the Southern Pacific's Oregon lines, and two by the O.-W. R. & N. On the last named road, however, the system is a little different, each division point keeping track of its own schedules and mak-

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ing up its own board. It has been discovered that the simpler the board is, the easier the When work for the train dispatcher. an engineer knows exactly what he

Nobody around the Portland railroads remembers now who invented the string, but whoever he is has

Northern Pacific terminal yards, and ment which has been made by which Steven Vassea, a laborer employed at the railway fare of one buyer from the yards, severely beat each other each store will be refunded in case yesterday in a fight at Sixth and Flan- his purchases during the week from ders streets, and were arrested by Pa- members of the Jobbers' and Manufactrolman Waddell. The fight resulted turers' association aggregate \$500. when George attempted to exercise his Railways are giving fare and a third to be again this year. new authority by ordering Vassea to rates and these rates will be open as stay out of the terminal grounds. well to members of their families Their case will come before the police whom buyers may wish to bring along.

HELD LAST SUMMER

EXCEL ONE

facturers Preparing Elaborate Entertainment.

BUYERS' WEEK THIS

YEAR TO

## EXPECT BIG ATTENDANCE

Responses Coming in Rapidly, Private Concerns and Salesmen Adding Their Efforts to Increase Number.

bers' and Manufacturers' association Jobbers and manufacturers of Portand traveling salesmen representing land will be busy all this week prepar- the Portland furniture houses have ing for the reception at their various been doing effective publicity work. The theory of Buyers' Week is to establishments next week of hundreds of country merchants from all parts enable the Portland heads of jobbing and manufacturing concerns to become of the northwest who are coming in personally acquainted with their cusresponse to invitations sent out asking tomers and to enable the country merthem to be in Portland Buyers' Week, chants to inspect in person and gain August 10 to 15. ome idea of the size and diversity

their

Successful last year, when it was of the jobbing stocks carried in Portnaugurated, Buyers' Week promises land, the premier jobbing city of the to be more successful this year. More northwest, and become informed as to than 150 return postcards, mailed out the numerous articles manufactured in with the invitations, have been rethis city. Most of the selling is done ceived by the Jobbers' and Manufacthrough the medium of traveling turers' association and 'it is learned salesmen and jobber and customer through traveling salesmen that a tome very little together. Thus the great many more are coming who have element of personal contact, one of the not sent in word of their intentions. most potent in modern day business In addition to the circulars sent out by the jobbers and manufacturers,

many individual jobbing houses have been in communication with their customers throughout the northwest and have received many promises of at- year, the dates being September 1 to

tendance. Traveling salesmen have also been instructed to give the event all the publicity within their power and to urge attendance. This campaign of publicity promises to result hundreds of buyers visiting Port-

Fare Refund Attractive Peature.

An attractive feature in the eyes of the prospective buyer is the arrange-

Commercial club, theatre parties, au- Famous Stars Heard omobile trips about the city, noon luncheon at one of the city's big manufacturing plants, and a jollification at The Oaks. One of the important entertainment features will be the Ad All Latest Dances, Including Resitaclub luncheon at the Hotel Portland, tion and One Step Are, Out; Catchy Wednesday, August 12. All the vistors will be guests at this luncheon Songs Add Interest. and 20 of them will be given oppor Vacation time finds a generous setunity to make one-minute talks boos-

ection of dance and popular records ing their home towns for first, secincluded in the Victor August offerond and third prizes. Several have ings, eminently suited for beach, already entered the contest. There Portland Jobbers and Manu- will not be a dull moment during the mountain or country place. They are of the doublefaced kind and embrace

Purniture Men's Banquet, all the latest hesitations and one-stips as well as the most melodious and An event of importance will be the catchy tunes of the day. banquet to be given Thursday night.

In the more serious classifications August 13, by the furniture jebbers and manufacturers of Portland to a record by Christine Miller, noted concert artist, recently added to the Vicout-of-town customers at the tor's list of singers, is a feature. Hotel Multnomah. It is planned to Miss Miller makes her debut with make this one of the most eventful "Old Black Joe" and "Come Out, Mr. trade banquets in the history of the city. Furniture dealers are coming Sunshine.

Caruso sings a Neapolitan favorite from all parts of the northwest. The local furniture men have sent out spe-"Manella Mia." with his usual dashwhile he also appears in a concerted cial invitations to the trade in addinumber with Hempel, Rothier and tion to those forwarded by the Job-De Segurola. It is the quartet, Shall Behold Her," from Verdi's "Masked Ball.

Titta Ruffo, who appeared to adcantage in Portland last winter, sings an air from Franchetti's new opera 'Christiforo Colombo," which had its premiere at Philadelphia last fall, and Dinh Gilly, the Algerian baritone, has a dust with Emmy Destinn. It is "Good Night," a Bohemian folk song. Alma Gluck and Louise Homer sing 'Rock of Ages," while John McCornack has a new record of Tosti's 'Good By." Pet-pourris from two of he latest Broadway musical showt are to be found in a double-faced record giving gems from "The Follies of

In New Records

1914" and from "lole." A large list of educational records rounds out the month's offering.

relations, is generally lacking. competitive. This area is divided Many Buyers Came. It was to remedy this condition that among the various northwestern states

Buyers' Week was inaugurated last as follows: Oregon-Exclusive, 75,608; competi-Last year 263 buyers came from tive, 15,999; Washington-Exclusive, 251 towns. Of these 174 were from ,260; competitive, 37,090; Idaho-Ex-Oregon, 70 from Washington, 18 from clusive, 53,900; competitive, 23,740; Idaho and one from Montana. Goods Montana, 20,800, all competitive; Utah, of the value of considerably more competitive, 700; Wyoming, competithan \$100,000 were purchased from tive, 5184

members of the Jobbers' and Manufac-The wholesale business of Portland turers' association. No record was as nearly as can be estimated, amounts kept of purchases from firms not af- to \$130,000,000 a year and there are filiated with that organization. Of the between 2500 and 3000 traveling sales-263 buyers, 108 bought more than \$500 men with Portland as their headquar-

No competing city can marshal such an array of facts as these-facts which make Portland the admitted leading wholesale city of the Pacific northwest. The area from which Portland jobbing

Motor driven windlasses have been houses draw business if 240,821 square miles, of which 136,768 square miles invented for raising poles of circus



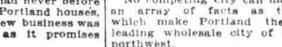
and the second second

Mike George, a new foreman at the

MEN ENGAGE IN FIGHT land

Entertainment for the visitors will is exclusive and 103,513 square miles tents quickly.

worth each and obtained fare refunds. | ters. Many of these buyers had never before purchased goods from Portland houses, hence the element of new business was an important factor, as it promises





Wood-Lark Bldg.

Alder Street at West Park

DEPART-