

25th
ANNUAL
SERIES of

Eastern Excursions

Canadain Pacific Railway

VIA THE

Tickets on Sale Daily, December 1st to 31st, 1911. Good for return within three months, stopovers within transit limits at all points east of Port Arthur

FROM	To Toronto, Hamilton, Sarnia, Windsor	To Montreal, Ottawa, Kingston, Belleville	To St. John, N.B., Moncton, St. Andrews, St. Stephen	To Halifax, N.S.
WINNIPEG	\$40.00	\$45.00	\$59.50	\$63.45
BRANDON	42.70	47.70	62.20	66.15
REGINA	47.15	52.15	66.65	70.60
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NELSON	83.25	88.25	102.75	106.70
EDMONTON	59.90	64.90	79.40	83.35
SASKATOON	49.60	54.60	69.10	73.05

Corresponding fares from all stations in Ontario (Port Arthur and West), Manitoba, Saskatchewan, Alberta (Calgary, Coleman and East, including all branches) and British Columbia (Midway, Nakusp and East, including branches in Kootenay district), also corresponding fares to all stations in Ontario, Quebec, New Brunswick and Nova Scotia.

Standard and Tourist Sleeping Cars and Dining Cars on all through trains.

For booklet of information and full particulars as to fares, train service, tickets and sleeping car reservations, apply to nearest Canadian Pacific Railway Ticket Agent, or write to

C. B. FOSTER, General Passenger Agent, Winnipeg, Man.

Recent Canadian Patents, especially arranged and compiled by G. S. Roxburgh, of Fetherstonhaugh & Co., patent barristers, Winnipeg.

(See opposite page.)

132138, Harry F. Hanson, Regina, Sask.—The object of the invention is to provide an inexpensive, easily operated, and simply constructed buckle for connecting straps. It comprises a casing having vertical side walls and a cross strap at one end thereof, a jaw hinged in the casing and having a guide loop and a yieldable arm fastened to the guide loop and adapted for engagement with the casing for locking the jaw in the closed position. The device is particularly easily fastened or undone, and ensures a tight hold.

132146, William Hutchinson, Lloydminster, Sask.—The object of the invention is to provide a simple and inexpensive device in the form of a harrow, which can be readily applied to the mouldboard of any plow, and which will effectively harrow the ground immediately it is passed or turned from the mouldboard. It comprises a bar secured to the mouldboard, provided with adjustable teeth, which extend downwardly, and are inclined to the ground on which the plow is operated.

132166, John D. Mathison, Medicine Hat, Alta.—The object of the inventor is to provide an attachment which will cause a

screwdriver to hold firmly any screw, and which will avoid the necessity of primarily having to drive any screw or tap the screw prior to using the screwdriver. The invention comprises a set of similar jaws slidably secured to the shank of the screwdriver, and having their outer edges threaded, and a thumb nut adapted to thread on the jaws, whereby they can be tightened on the head of the screw when the end of the screwdriver is in the slot in the screw.

132337, E. D. Lockram Buchanan, Sask.—The object of the invention is to provide sleigh runners for vehicle wheels which can be readily attached to the wheel, and it comprises a metallic bar, shaped in the form of a shoe, and having side walls which receive between them the rim of the wheel. Removable bolts are supplied to secure the runner firmly to the wheel rim, there being a pair of bolts bearing on the outer face of the rim and a pair on the inner face of the rim.

132178, A. J. Pollitt, Winnipeg.—The object of the invention is to provide a hat pin with a protected point, and it comprises a sheath or tube containing slidably a pointed pin supplied with a head. A spring is inserted between the end of the pin and the adjoining end of the sheath, and is covered over with a flexible material which connects the sheath with the pin head. Upon pressure being applied to the head of the pin the pointed end

thereof is passed out of the tapered end of the tube so that the complete pin can be readily forced through the material of a hat. Immediately the pressure is removed from the pinhead the point recedes within the sheath.

132361, C. Peterson, Winnipeg.—The object of the invention is to provide a soldering iron with a self heating feature, so that the extra heating stove or pot used in heating the ordinary soldering iron may be entirely dispensed with. It comprises a tubular handle providing a reservoir, a pipe leading from the reservoir and supplied with a needle valve, a support carried by the handle, and an iron releasably secured to the support. Suitably located holes are made in the support to prevent it from overheating.

132363, C. D. S. Perry, Winnipeg.—The object of the invention is to supply a grain door which will quickly release the grain from the car, the door being made particularly strong and ensuring grain tight joints with the adjoining parts. It comprises a metallic door, supplied with bars at the sides, and bottom connected and operated in such a manner that the turning of a lever forces the bars away from the door and into suitable grooves supplied in the door posts and the car sill. A small door is formed in the main door for allowing the top grain to initially run out.

132677, R. Preston, Winnipeg.—The object of the invention is to provide a simple, inexpensive and efficient removable side liner for truck boxes, which can be readily applied on or removed from the box, thereby avoiding the necessity of continually supplying new boxes for the truck owing to the face adjoining the wheel becoming worn to such an extent that the box has to be dispensed with entirely. It comprises a wearing plate, located between the wheel and the adjoining face of the box, and a releasable pin holding the plate to the box.

132529, A. Shields, Winnipeg.—The object of the invention is to supply a removable wearing plate for train couplers, which will do away with the present unwarranted expense resulting from the continual wear of the knuckles, and the constant loss owing to them being removed and destroyed. It comprises a wearing or facing plate, set into the engaging side of the knuckle and a removable pin holding the plate to the knuckle.

132342, J. G. Mathison, Medicine Hat, Alta.—The object of the invention is to improve the construction of the ordinary clipper so that it will operate more easily and will not become choked through loose hair lodging between the parts. In carrying out the invention, the top plate of the clipper is formed with an up-

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