

# The Canadian Patent Office

## RECORD





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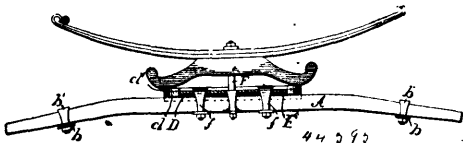
### NOTICE.

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### INVENTIONS PATENTED.

NOTE.—Patents are granted for 18 years. The term of years for which the fee has been paid, is given after the date of the patent.

#### No. 44,595. Fifth Wheel. (*Rond d'avant-train.*)



Alfred H. Worrest, Lancaster, Pennsylvania, U.S.A., 2nd November, 1893; 6 years.

*Claim.*—1st. The combination, with an axle, of the lower plate of a fifth wheel having a circular bar formed on the lower side thereof and engaging a recess in the top of the axle, a king bolt connected with said bar, means for retaining the bar in the recess, and thills rigidly connected with the axle, substantially as and for the purpose specified. 2nd. The combination, with an axle having a recess formed in the top thereof, of a circular bar engaging the recess and having bearings or posts thereon, the lower plate of a fifth wheel formed on or with said posts, a king post connected with the bar, means for retaining the bar in the recess, and thills rigidly connected with the axle, substantially as and for the purpose specified. 3rd. The combination, with an axle, of the lower plate of a fifth wheel having a circular bar formed on the lower side thereof and engaging a recess in the top of the axle, a king bolt connected with the bar, a cap or shield covering the hinge formed by the bar and axle and having a slot therein through which the king bolt passes, clips securing the bar and cap or shield to the axle, and thills rigidly connected with the axle, substantially as and for the purpose specified.

#### No. 44,596. Mordant for Plain Dyed Fabrics.

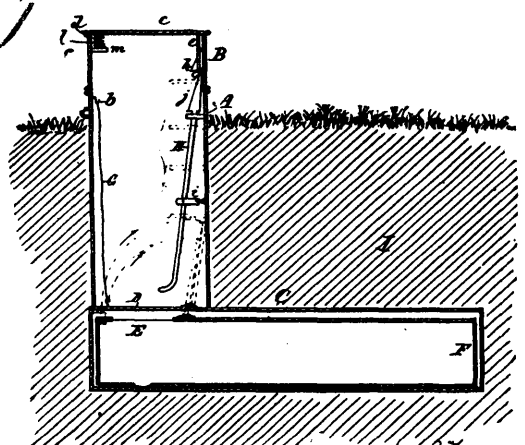
(*Mordant pour teindre les étoffes unies.*)

William T. Whitehead, of Magog, Quebec, Canada, and Henry D. Dupee, Boston, Mass., U.S.A., 2nd November, 1893; 6 years.

*Claim.*—1st. The process of producing cloth, having a pattern or figure thereon of a shade contrasting with the ground, which consists in printing the pattern or figure on the cloth in a resist-mordant containing zinc as the essential or active element, and thereafter dyeing the cloth a plain colour, substantially as described. 2nd. The process of producing cloth, having a pattern or figure thereon of a shade darker than the ground colour, which consists in printing the pattern or figure on the cloth in a resist-mordant containing zinc as the essential or active element, and a colour, and thereafter plain dyeing the cloth in the same colour, substantially as described. 3rd. The process of producing cloth, having a pattern or figure thereon

a colour contrasting with the ground, which consists in printing the pattern or figure on the cloth in a resist-mordant containing zinc as the essential or active element, and a colour, and thereafter dyeing the cloth in a plain contrasting colour, substantially as described. 4th. The process of producing cloth, having a pattern or figure thereon of a shade contrasting with the ground, which consists in printing the pattern or figure on the cloth in a resist-mordant containing zinc compound as the essential or active element, and thereafter dyeing the cloth a plain colour, substantially as described. 5th. The process of producing cloth, having a pattern or figure thereon of a shade darker than the ground colour, which consists in printing the pattern or figure on the cloth in a resist-mordant containing a zinc compound as the essential or active element, and a colour, and thereafter plain dyeing the cloth in the same colour, substantially as described. 6th. The process of producing cloth, having a pattern or figure thereon of a colour contrasting with the ground, which consists in printing the pattern or figure on the cloth in a resist-mordant containing a zinc compound as the essential or active element, and a colour, and thereafter dyeing the cloth in a plain contrasting colour, substantially as described.

#### No. 44,597. Grave Vault. (*Voûte pour tombeaux.*)



Adam Nelson Hutt and William Henry, both of Stamford, Ontario, Canada, 2nd November, 1893; 6 years.

*Claim.*—1st. A latent life safe or grave vault, consisting of a hollow box, preferably of non-corrosive material, placed on a hinged shell and coffin in a grave, and having a hinged cover, and a hinged lid to the cover, and devices for opening the lid by a slight upward pressure from the occupant of a grave, if buried alive in a state of coma, and having rungs or steps by which to ascend out of the grave upon return to consciousness. 2nd. A latent life safe or grave vault, consisting of a box A, having a hinged cover B, and a hinged top c, and provided with locking devices to close the lid so as to be only opened from the inside when the cover B is closed, in combination with a shell C, having a hinged lid D, and a coffin, when one is employed having a hinged lid E, so that when the lids D, E, are pushed upward, automatic devices will open the top c for the escape of the inmate of the coffin. 3rd. The combination, with a coffin F, and shell C, of a box A, of a non-corrosive material, having a hinged cover B, and a spring top c with a hinged catch plate e, having openings g, g, held down by the projections h, h, attached to the