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**CONTENTS.**

INVENTIONS PATENTED..... 307  
ILLUSTRATIONS ..... 339  
INDEX OF INVENTIONS..... 1  
INDEX OF PATENTEES..... II

**INVENTIONS PATENTED.**

NOTE—Patents are granted for 15 years The term of years for which the eas have been paid, is given after the date of the patent.

**No. 24,183. Method of Connecting and Supporting Movable Farm and other Fences.** (*Manière de Relier et Supporter les Clôtures des Fermes et autres.*)

Thomas Penfound, Kincardine, Ont., 1st June, 1886; 5 years.

*Claim.*—The combination of post B, braces C, joint blocks A and foot block D, constructed and arranged substantially as and for the purposes hereinbefore set forth.

**No. 24,184. Manufacture of Waxed Ends for the use of Cordwainers, Harness Makers, or others.** (*Préparation des Bouts Poissés pour les Cordonniers, Selliers ou autres.*)

William B. Arnold, North Abington, Mass., U.S., 1st June, 1886; 5 years.

*Claim.*—1st. The above described new article of manufacture composed of a string of vegetable or animal material, and fine wires twisted together, and having the wires extending beyond one or each end of the string, and there twisted together, to form at each end an inductor, as set forth. 2nd. The above described new article of manufacture or improved waxed end consisting of a string of vegetable or animal material and fine wires twisted together, and having the wires extending beyond one or each end of the string, and there twisted together, to form an inductor as explained, and such string covered or saturated with shoemakers' wax or its equivalent, all being substantially and for use as set forth. 3rd. The above described new article of manufacture consisting of a string and a fine wire or wires twisted together, and covered or saturated with shoemakers' wax, all being substantially as set forth, and provided with an inductor extending from one or each end of it, as specified

**No. 24,185. Clothes Hook.** (*Patère.*)

John Walker, Toronto, Ont., 1st June, 1886; 5 years.

*Claim.* A clothes hook constructed of wire having an upper arm A and a lower arm B, and the body C composed of two uprights, which connect the foremost arms A and B, and secured in position by the corrugated plate D and screws d, d', substantially as shown and described as a new manufacture.

**No. 24,186. Brake for Vehicles, etc.**

(*Frein pour Voitures, etc.*)

Adolph Argo, Chemnitz, Germany, 1st June, 1886; 5 years.

*Claim.*—1st. In a brake for railway and other vehicles, the combination of a disc or pulley connected to an axle or wheel of the vehicle, and a rope band or chain surrounding the said disc or pulley in one or more bights or loops so arranged that, when the said rope, band or chain is pulled, the friction of the revolving disc tightens the bight or loop, substantially as described and for the purpose specified. 2nd. In a brake for railway and other vehicles, the combination of a disc or pulley connected to an axle or wheel of the vehicle, a rope, band or chain provided with enlargements or projections at or near each end, and surrounding the said disc or pulley in one or

more bights or loops, and stops, rests or abutments, which resist the pull of the rope or band caused by friction between it and the revolving disc or pulley, substantially as described and for the purpose specified. 3rd. In a brake for railway and other vehicles, the combination of a disc or pulley connected to an axle or wheel of the vehicle, a rope, band or chain surrounding the said disc or pulley in one or more bights or loops, and a drum pulley or sheave operated by gearing to give an initial tension to the said rope, band or chain, to apply the brake, substantially as described. 4th. In a brake for railway and other vehicles, the combination of a disc or pulley connected to an axle or wheel of the vehicle, a rope, band or chain surrounding the said disc or pulley in one or more bights or loops, and a weight m held up by a catch connected to the buffer or guard iron, substantially as described and for the purpose specified. 5th. In a brake for railway and other vehicles, the combination of a disc or pulley connected to an axle or wheel of the vehicle, a rope, band or chain surrounding the said disc or pulley in one or more bights or loops, and springs to relax the said bights or loops, substantially as described and for the purpose specified. 6th. In a brake for railway and other vehicles, the combination of a disc or pulley connected to an axle or wheel of the vehicle, a rope, band or chain surrounding the said disc or pulley in one or more bights or loops enlargements or projections, at or near the ends of the said rope, band or chain, stops, rests or abutments to resist the pull of the rope, and means for giving an initial tension to the rope, substantially as described and specified.

**No. 24,187. Mop and Brush Holder.**

(*Manche de Torchon et de Brosse.*)

Isaac P. Deshon, Portland, Oregon, U.S., 1st June, 1886; 5 years.

*Claim.*—1st. In combination with the rollers B mounted on spring frames B, a sliding arm for compressing said frames upon each other, a mop-holding device G having a ring g, adapted to slide upon the handle to which the spring clamps are secured, for the purpose of drawing the mop through the rollers B, substantially as shown and for the purpose set forth. 2nd. The combination of the handle A, spring clamps B, having rollers B mounted thereon, a sliding cam clamp mounted on the spring clamps, a brush E, having a handle E' secured to the back thereof, said handle provided on each side with grooves e, with which the rollers B are adapted to engage, so as to hold said brush in position, substantially as shown. 3rd. In a mop and brush holder, a mop-wringing device, a handle A having clamping frames secured thereto, said frames carrying at their lower ends rollers B, a sleeve C provided with an eccentric cam, a mop-holding device secured at one end to the handle and provided at its lower end with a loop with bent ends, the mop being secured within the loop and adapted to be passed between the rollers B, substantially as shown and for the purposes set forth.

**No. 24,188. Paper Barrel.** (*Baril en Papier.*)

James Cosgrove, Flatbush, N Y., U.S., 1st June, 1886; 5 years.

*Claim.*—1st. A paper keg or barrel made of two or more layers of paper, with five intervening bands of wood, one at each chine edge, one at the middle and one at each side of the bilge, substantially as herein shown and described. 2nd. A paper keg or barrel made of two or more layers of paper, with intervening bands of wood tacked and cemented between said layers, substantially as set forth. 3rd. A paper keg or barrel made with internal strengthening bands of wood extending circumferentially, with the grain running crosswise in the bands, substantially as set forth. 4th. A paper keg or package made of two or more overlying sheets of paper cemented together, with intervening bands of wood having the grain running crosswise and secured between the said sheets, substantially as set forth. 5th. A keg or package made of layers or sheets of paper with the intervening strengthening bands c, c' at the bilge, and stave-forming slits l extending from the edge of the sheet through said bilge-bands, substantially as shown and described. 6th. A keg or barrel made of a sheet or sheets of paper and provided with a grooved wooden band at each chine edge, secured to the paper to form the croze of the barrel, substantially as set forth. 7th. A keg or package made of two or more sheets or layers of paper with grooved bands o, o', placed between said sheet at the chine edges, and having the margin of the inner sheet rolled into said grooved bands, to turn the croze of the barrel, substantially as shown and described.