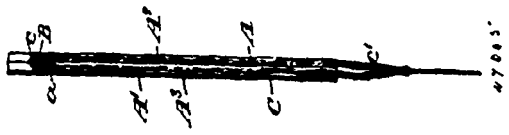
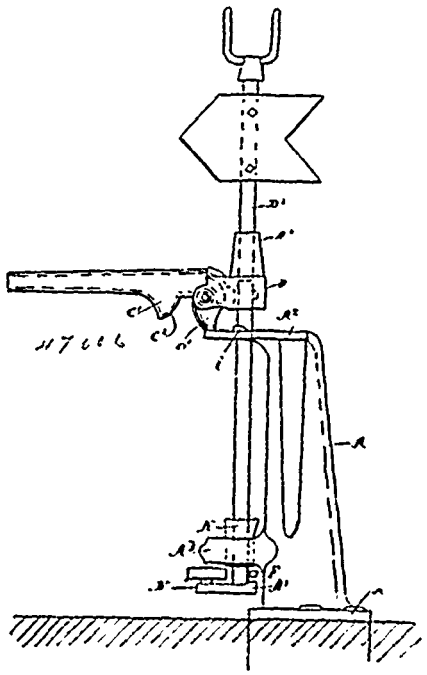
embracing the skein, the said casing being provided with a folded bearing piece located between the walls of the package and forming a partition between the sides of the skein, substantially as set forth.



2nd. A thread package consisting of a *folded casing for embracing the skein*, a portion of one of the folded parts of the casing being further folded in the longitudinal direction of the skein and forming a partition between the sides of the skein, substantially as set forth. 3rd. A thread package consisting of a folded casing for embracing the skein, a portion of one of the folded parts being further folded in the longitudinal direction of the skein and provided with a reinforcing rod or stem at the bight of such additional fold, said additional fold forming a partition between the sides of the skein, substantially as set forth.

No. 47,006. Railway Switch Stand.

(*Table pour aiguilles de chemin de fer.*)



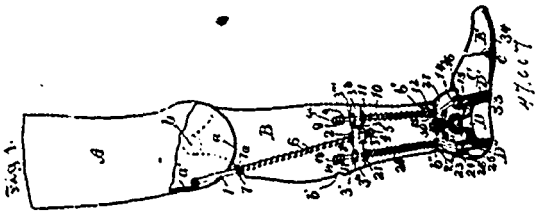
Walter Rowlands, Montreal, Quebec, Canada, 10th September, 1894; 6 years.

Claim.—1st. A switch stand having its pedestal formed with a vertical recess in its side for the purpose set forth. 2nd. In a switch stand, the holder section of the lift casting, formed a square vertical recess or socket, to receive the correspondingly-shaped end of a target rod for the purpose set forth. 3rd. In a switch stand, the operating handle thereof formed with a projecting lip or shoulder adapted to engage the end of the table portion of the stand, for the purpose set forth. 4th. In a switch stand, the operating handle thereof formed with a downwardly projecting lip or shoulder with inclined side, adapted to engage beneath the edge of the table portion of the stand, for the purpose set forth. 5th. In a switch stand, the combination with the lock plate G, having inward projection G^1, of the locking bar, formed with openings F^1, for the purpose set forth. 6th. In a switch stand, the combination with the locking bar thereof, and the operating spindle, of the crank on such spindle having its free end extended to support said locking bar, and the lock casting on such spindle adapted to bear upon and retain such bar in place, for the purpose set forth. 7th. The table portion A^2, of the switch stand having stops *l*, *l*, formed thereon, for the purpose set forth. 8th. The lift casting of the switch stand having its underside cut away, for the purpose set forth.

No. 47,007. Artificial Limb. (*Membre artificiel.*)

John Foster Read, Denver, Colorado, U.S.A., 10th September, 1894; 6 years.

Claim.—1st. In an artificial limb, the combination with the leg and lower limb sections pivoted together at the knee joint, of a knee-rod pivotally attached to the leg section to the rear of the knee joint, and slidingly connected to the lower limb section, said rod being surrounded by a compression spring, and check nuts, substantially as described. 2nd. In an artificial limb, the combination with the leg and lower limb sections pivoted together at the knee-joint, of a knee-rod attached to the leg section to the rear of the knee-joint, a cross-piece in the lower limb section through which said rod passes, a yielding washer on the rod beyond the seat, check



nuts for adjusting the washer on the rod, a spring, a pivoted seat therefor through which the rod passes, and an adjustable collar on the rod for regulating the compression of the spring, substantially as and for the purposes described. 3rd. In an artificial limb, the combination with the sections A and B pivoted together, of a knee-rod attached to the upper section and having a check connection in a bridge bearing piece in the lower section, a spring surrounding said rod, a foot section, a universal connection between the foot section and the lower limb section, and heel and toe rods attached to the foot section, and having a check connection with the lower limb section, substantially as described. 4th. In an artificial limb, the combination with the lower limb section and foot section, of a universal joint between the two sections, and toe and heel rods having ball and socket connections in the foot section, and sliding check connections in the leg section, substantially as described. 5th. In an artificial limb, the combination with the lower limb section, having a spider formed with an interiorly threaded boss at its lower end, an inverted cup mounted in the spider, a foot section, a frame in the foot section formed with a crown or semi-spherically-shaped projection which fits into the inverted cup, said projection being threaded around its base, and a confining cap which is received on the threads and retains the inverted cup in position, substantially as described. 6th. In an artificial limb, the combination with the section B and C, of a universal connection therebetween, comprising a spider 27, mounted in the lower end of the section B, and formed with an interiorly threaded boss, an inverted cup formed with a hollow stem, which is screwed into the boss, a jam nut on the end of the hollow stem, a semi-spherical bearing surface which is mounted in the section C, and which projects up into the cup, and a confining cap which is screwed on the projection for holding the parts together, substantially as described. 7th. In an artificial limb, the combination with the two sections A and B, pivoted together, of a foot section, having a universal connection with the lower section B, a bridge bearing piece in the last-named section, a knee-rod attached to the section A, and having a check connection in the bridge, toe and heel rods universally connected in the foot section at its front and back, respectively, and having check connections with the bridge piece, substantially as described.

No. 47,008. Electric Arc Lamp.

(*Lampe électrique à arc.*)

William Smith Pendleton, New York, State of New York, U.S.A., 10th September, 1894; 6 years.

Claim.—1st. The combination, substantially as set forth, of the magnet B, the rocking frame actuated thereby, a wheel mounted in the frame and having a peripheral groove, in which is wound the suspending cord of the carbon carriage, and a peripheral gear formed thereon, a spring applied to said wheel to wind the cord thereon, a pinion on a shaft mounted in said frame, meshing with said peripheral gear, a ratchet-wheel at one end of said shaft, and a brake-wheel at the other end of the shaft, a brake shoe against which the brake-wheel is pressed when the carriage is actuated, the magnet C, its rocking frame, the pawl on said frame into engagement with which the ratchet-wheel is thrown by the movement of the first-mentioned frame, and means for automatically opening the circuit of the magnet C, when the rocking frame carrying the pawl has been actuated by it. 2nd. The combination, substantially as set forth, of the top and bottom plates, the magnets B, C, pendant from the top plate, the arch-shaped frame B^2, pivoted upon the lower plate, and consisting of two side bars connected by the armature of the magnet B, the arch-shaped portion of the frame extending up between the magnets, the shaft uniting the upper parts of the two side bars, the peripherally geared or toothed winding wheel mounted centrally on said shaft and supporting the carbon carriage, the shaft F^1, mounted in the lower part of the frame, and carrying a pinion F, with which the geared-wheel meshes, a ratchet-wheel on one end of the last-named shaft, and a bracket-wheel upon the other, the arch-shaped frame C^2,