No. 36.260. Cart. (Charette.)

Robert Day Scott, Pontiac, Michigan, U.S.A., 1st April, 1891; 5 vears

years. Claim.—lst. In a road cart, the combinationn, with the body con-nected by pivoted links with the shafts, of longitudinal springs B, on the shafts, the rear of the body being supported from the rear ends of said springs by pivoted links, substantially as described. 2nd. In a road cart, the combination, with the body and shafts, of springs B, on said shafts, and pivoted links engaging the rear of the body with the rear ends of said springs, and means for vertically adjusting the rear end of the body, substantially as described. 3rd. In a road cart, the combination, with the body and shafts, of springs B, on said shafts, and pivoted links engaging the rear of the body with the rear ends of said springs, said pivotal links being in the form of spiral springs, substantially as described. 4th. In a road cart, the combination, with the body and shafts, of springs B, on said shafts, said body supported at its forward end by links from the shafts, and supported at its rear end by links from the rear erz tremities of said springs, said supporting links being in the form of spiral springs, substantially as described. 5th. The combination, with the shafts and body of brackets D, and links whereby the for-ward end of the forward part of the body is supported, said links engaged with said brackets, substantially as described.

No. 36,261. Method of Oiling Journal Boxes. (Manière de huiler les coussinets de tourillon.)

Julius E. Waterous, Brantford, Ontario, Canada, 1st April, 1891; 5 years.

years. Claim.—1st. The combination of a journal box A, shaft B, and chain D, substantially as and for the purpose hereinbefore set forth. 2nd. The combination of the chain D, placed loosely on the shaft B, in the annular recess C, forming a loop around the shaft so that the lower side of the loop passes downward into the oil reservoir F, sub-stantially as and for the purpose hereinbefore described. 3rd. The use of a flat chain placed upon a shaft in a journal box, having numerous joints, so that it comes in contact with the shaft for at least one half its circumference, substantially as and for the pur-pose hereinbefore described. pose hereinbefore described.

No. 36,262. Machine for Sharpening Calks of Horse Shoes. (Appareil pour affiler les crampons de fer à cheval.)

Thomas Spellman, Halifax, Nova Scotia, Canada, 1st April, 1891; 5 vears.

Claim.—The application of an emery wheel of shifting plane to that particular service, substantially as and for the purpose herein-before set forth.

No. 36,263. Shingle Sawing Machine.

(Machine à scier le bardeau.)

Willis J. Perkins, Grand Rapids, Michigan, U.S.A., 1st April, 1891; 5 years.

Willis J. Perkins, Grand Rapids, Michigan, U.S.A., 1st April, 1891; 5 years. Chaim.—Ist. A shingle sawing machine having saws mounted on shaft 1, in combination with a lever a, extending from the outside of shaft 1, in combination with a lever a, extending from the outside of shaft 1, in combination with a lever a, extending from the outside of the frame A, to the central shaft 1, fulorumed near and having a bearing on said shaft, whereby said shaft and carriage 5, may be lifted to permit access of the saws, substantially as described. 2nd. The combination, with the rotary carriage 5, of a shingle sawing ma-drine, of a central vertical supporting shaft 1, a lever a, stepped un-a swing piece f, attached to the frame and adupted to engage said source piece f, attached to the frame and adupted to engage said of the carriage, and the outer section c, extensible beyond the outer orbit of a shingle sawing machine, of a lever a, formed in sections a, c, the inner section a, fulcrumed near and engaging the central shaft of the carriage, and the outer section c, extensible beyond the outer protion of the frame of the machine, substantially as described. At the combination, with the rotary carriage 5, of a shingle sawing machine, of a dog 8, near the periphery of said carriage, a bent arm and at its inner end bearing an an in-friction roll 14, on the carriage, and an adjustable abutment 11, on the arm of hereby the pressure of the spring may be regulated and a carri age, and a tits inner end is said carriage, of a shingle sawing machine, of a dog 8, near the periphery corriage, of a shingle sawing machine, of a dog 8, near the periphery corriage of a shingle sawing machine, of a dog 8, near the periphery thereof, and guided in radial machine, of a dog 8, near the periphery thereof, and guided in radial machine, of a dog 8, near the periphery thereof, and guided in radial machine, of a dog 8, near the periphery thereof, and guided in radial machine, of a dog 8, near the periphery thereof, and guided in radial machine, o

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