with planor running from the degreet parts of the recesses to the periphery of a, the friction rolls b, b, playing in the recesses m, m, and the peripherally Ranged wheel D, so formed that the lange a, shall form a hoop extending over and around a, and the rolls b, b, the whole operating so that when D revolves in one direction the rolls b, b, will wedge between the planes of the recesses m, m, and the inner surface of the hoop 2 causing the wheel E, to be revolved in the same direction, but when D, is revorsed and ravolved in an opposite direction, the rolls retire and allow D, to be revolved without earrying E, in the same direction, all as described.

No 1505. Joshua Collins, Montreal, Que., 16th March, 1875., for 5 years: "Bag Tie and Fastener." (Courroie agrafe de Sac)

Chaim.—A long tie or fastener consisting of a piece of metal so ent, stamped or cast, of wire so bont as to form shoulders or loops to and A. at the end of arms D. and D. between which a noted is placed to hold the cord K, securely, as specified.

No. 4506. JOHN C. PEACOCK, London, Eng., 16th March, 1875, for 5 years: "Non Conducting Material Applicable where Exclusion of Heat No. 4509. CHRISTOPHER C. JONES, Fredericton, is required. (Conduit anti-calorique.)

t'inim.—The combination of cork soot with apparatus for the retention or exclusion of host either alone or mixed with lime. Portland coment or ashes, or substances having a hardening or setting power as described.

No. 4507. James F. Williams, Niagara, Ont., 17th March, 1875. (Extension of Patent No. 289), for 5 years: "Buckle for Fastening Straps

('laim -The uniting of two complete and distinct levers, fig. 1, one of the first order of lover A, and one of their second order of lover B, hinged together at their fulcroms A, A, and pressing upon each other at the points B, B, where the lever is usually applied to the educat to be moved so as to form the buckle or fastener fig. 1, for the purpose of fastening by pressure and friction bands, straps, &c., by passing the object C, to be held between the levers above mentioned through at the point B, B, of pressure.

No. 4508. LUTHER J. HOUSE, and ALBERT C. House, Stanstead, Que., 18th March, 1875, for 5 years: "Stump Extractor and Stone Puller." (Appareil pour arracher les souches et enlever les pierres.)

Unit .—lst. The combination of the pavoted working lever C, as provided with guide stay straps E, with the adjustable standard B, and platform a: 2nd. A lever C, provided with straps D, and two rows of lever sockets, formed by pins l. l., for the supposes set forth. 3rd. A lever C. provided with guide straps E, and straps D, for the support of bearings l. h. of the adjustable hand spike P, in combination with a supporting and proved standard B: 4th The Standard B, having a vertical adjustment by means of the rack and pinion, as set forth, in combination with the posts l., L.

N. B., 18th March, 1875, for 15 years: "Improvements in Pumps." (Perfectionnements dans les pompes.)

Claim.—1st The combination of the wooden top A, with the metal cylinder m, and the motal cube n, 2nd. The combination of the wooden top A, with the metal cylinder m; 3nd. The combination of the wooden top A, with the metal tuke n; 4th. The cuse in applying this combination of the plate, table ur flange c, surmounted by the rim, crown or hoop d, d, by means whereof the wooden part is prevented from splitting and leaking,

and Bands." (Boucle pour joindre les courroles No. 4510. STEPHEN E. FOSTER, Minneapolis, et les bandes.)

(Reim -The uniting of two complete and distinct levers, fig. 1.

(Resorts de voitures.)

Claim.—In combination with the rubber springs d, the heak f, and clasp c, as described.