

No. 3362. JOHN DESMOND and ARCHIBALD L. McMILLAN, Chatham, Ont., 27th April, 1874, for 5 years: "Steam Engine Piston." (Piston de machine à vapeur.)

Claim.—The combination of sliding blocks B, clamps C, screw D, lock nut G, catch H, and spring I, in connection with pins F, and springs A, for the purpose of adjusting the rings in a steam engine piston.

No. 3363. WILLIAM ELLIOT, Sullivan, Ont., 27th April, 1874, for 15 years: "Millstone Running Gear." (Engrenage de meule courante.)

Claim.—1st. The bed stone A, held adjustable in the frame A' by the screws B; 2nd. The combination of the driving shaft B, spindle C, and coupling D, for driving the running stone C; 3rd. The tempering rod K, provided with a nut P, swivel L, and clutch J, in combination with the spindle C, and band I, all operating as set forth, for suspending the stone C, from a beam M, for effecting the raising or lowering of the running stone in the manner described.

No. 3364. HENRY P. MANLEY, Potsdam, N. Y., U. S., 27th April, 1874, for 5 years: "Feather Renovator." (Rafraichisseur à plume.)

Claim.—1st. The combination of the steaming cylinder B, and drying cylinder D, vertically arranged in the frame A, and connected by steam pipes as set forth; 2nd. The drying cylinder D, having an internal steam tight casing E; 3rd. The casing E having a perforated bottom, and lower casing F, to receive a drawer or drawers G; 4th. Providing the drying cylinder with a shaft H, having radial arms for agitating the feathers; 5th. The hinged sides of the cylinders B, and D, admitting of a vertical adjustment to form a connecting channel as described.

No. 3365. DANIEL H. ISEMINER, Heyworth, Ill, U. S., 27th April, 1874, for 5 years: "Saw Sharpening Machine." (Machine à affuter les scies.)

Claim.—The combination with the hinged file-rod and connecting rod U, of spring top V, connected to the file-rod, so as to release the gauge-plate S, by lifting the file out of the teeth as specified.

No. 3366. GEORGE F. SIMONDS and JAMES A. FERSON, Fitchburg, Mass., U. S., 27th April, 1874, for 5 years: "Improvements on Tempering Saws." (Perfectionnements dans le trempage des scies.)

Claim.—1st. The improved method of tempering saws, &c., between compression plates a, b; 2nd. The improved tempering oven, having the plates for clamping and compressing the work as described.

No. 3367. ELIJAH J. DEVENS and HENRY M. JONES, Coldwater, Mich., U. S., 27th April, 1874, for 5 years: "Grain-cradle." (Ja-velier.)

Claim.—1st. The combination of the clasps b, with the adjusting-nuts d, and screw-rod a, fastened to the blade and extending across all of the fingers of the cradle. 2nd. The wedge c, applied as set forth in combination with the rod a, and clasps b, for fastening the fingers as described.

No. 3368. HENRY CARTER and DANIEL STEWART, Aylmer, Ont., 27th April, 1874, for 5 years: "Fly Trap." (Gobe-mouche.)

Claim.—The arrangement and combination of the bait chamber D, formed within the cage and having open thinblades, f, and perforated covering plate, with a rectangular cage A, having wire cloth sides b, b, and opaque ends c, c, provided with wire gauze openings B, B, for admitting light to the bait chamber as set forth.

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