to move longitudinally past the other through the are of a circle, the working faces of the diese being adjacer is a they pass, a rest for the rod or ugot, and means for rotating face rod or ingot, substantially as set forth. Buth. In a meahine for making rolled forgings, the set of the buth. In a meahine for making rolled forgings, the as working face which is come on instantial section, a companion die having a working face which is come on instantial section, a companion die having a working face which is come on instantial past described. If the face of the discribed with a section of the section of different face as swert part of papears for the discribed with a face of the discribed with said chamber and the section of the se

No. 29,614. Wine Bin. (Cuve à vin.)

George King, East Haddon, and We ham A. Smith, Weedon, Eng., 1-t August, 1888; 5 years

Claim.—A wine bin consisting of a number of hexagonal cells of brick of such like material piled together, each sell adapted to contain a bottle, substantially as and for the purposes set forth.

No. 29.615. Repeating Rifle.

(Carabine à répétition.)

William M. Cooper, (Co-inventor with Edwin J. Cashmore), Toronto. Ont., 1st August, 1888: 5 years.

Ont., 1st August, 1888; 5 years.

Claim.—1st The combination, with the barrel of a repeating rifle, of a recoil-block levated between the end of the barrel and the case containing the action of the repeator, substantially as and for the ruppess specified. 2nd A carridge-magazine made parallel with, and forming an integral part of a rifle-harrel substantially as and for the purpose specified. 3rd. The combination, with the magazine of a repeating rifle, of an adjustable cut-off arranged to lock carridges in the magazine, to on the the rifle to be used as an ordinary single shot breech-loader, substantially as specified, 4th. A cartridge-magazine made parallel with and forming an integral part of a riflebarrel, in combination with a bayonet having a shank formed to fit onto the magazine, and a clip arranged to connect the neck of the bayonet with the barrel of the rifle, substantially as and for the pur-