at F, G, H, I, and J contain valves for controlling or releasing the pressure at these points. An oil manometer, V, at atmospheric pressure, connects through an opening, S, with a channel whose volume is confined by the differential piston. Changes in the volume of this channel as read on the manometer permit observations of the movement of this piston. Detailed descriptions are given in [10].

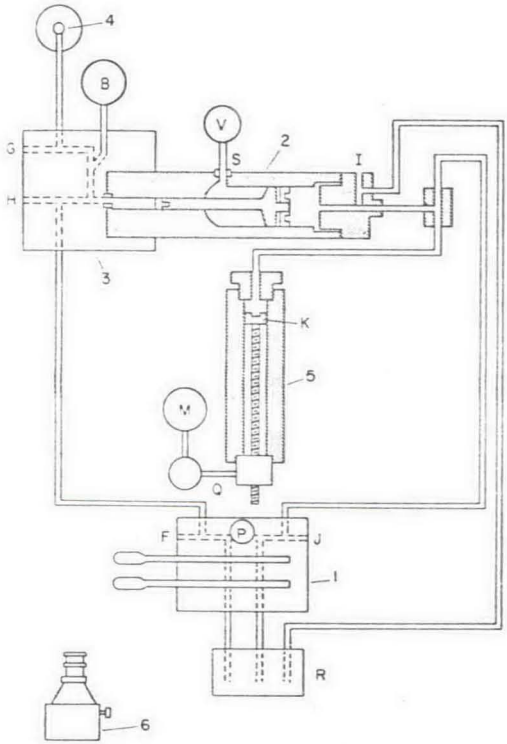

Fig. 1 — Schematic drawing of the high-pressure apparatus.

After crystallization and temperature equilibration of the sample at a high pressure, the pressure in the system is reduced slowly by a decompression cylinder, 5 (5). The volume of the system is increased at

(5) A detailed drawing of this cylinder, which was installed prior to the present investigation, may be obtained from Marcel Beckers at the Université Libre de Bruxelles.