

Varieties.

FERRATED COD-LIVER OIL.—C. Bernbeck proposes for this purpose to prepare oleinate of iron which may be kept for a long time without alteration. A pure olive oil soap, the neutral behaviour of which has been previously ascertained by moistening it with some solution of corrosive sublimate, is dried in thin slices at a temperature of 30° to 40° C. (86° to 104° F.); it will then still contain about 12 per cent. of water. One part of this soap is dissolved in 20 parts of boiling distilled water, strained, and a solution of one part of ferrous sulphate in 10 parts of water added, with continued agitation. The whitish-grey precipitate, which, in contact with the air, speedily turns greenish and finally brown, is rapidly collected upon linen, washed and expressed. This press cake is externally reddish-brown from ferric oleinate, internally grey (ferrous oleinate), and does not alter on keeping. To prepare the ferrated oil, four parts of this oleinate of iron are fused by means of a steam-bath, when 96 parts of cod-liver oil are added in small quantities, and the heat continued for about 45 minutes; it is then filtered, or, better, allowed to settle in a closed vessel, and decanted. Thus prepared, ferrated cod-liver oil has a mild taste, and contains the iron mainly as a ferrous salt; it contains about 1 per cent. of metallic iron.—*Archiv. d. Pharm.*, 1875, July, pp. 21-23 in *Am. Jour. Pharm.*

Registrar's Notices.

RENEWALS CONTINUED.

Banks, J. H., Weston.	McCollum, C. J., Port Burwell.
Borland, E. B., Fenelon Falls.	McCollum, J. H., Port Burwell.
Bray, W. T., Chatham.	Owen, R., Toronto.
Dyke, T. J., Aylmer.	Revell, Robert, Woodstock.
Harding, T. J. B., Brockville.	Stark, Robert, Woodstock.
Margach, J. L., Duffin's Creek.	Smith, S. W. B., Whitby.
Maxon, G. C., Leamington.	Stewart, John, Alliston.
Munro, L. C., Fergus.	Walford, J. H., Renfrew.

NEW REGISTRATIONS.

Lashley, Henry, Elgin.

All communications for the Secretary and Registrar, to be addressed to the office 305 Yonge Street, Toronto, instead of P.O. Box 1133 as heretofore.