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ON AN APPLICATION OF THE SYPHON TO THE
PROCESS OF FILTRATION.

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I desire to present for the consideration of my brother pharmacutists a simple form of apparatus which I have devised for the very common process of filtration. It is almost needless to point out the annoyances that attend upon the method usually followed, such as the constant attention necessary to keep the funnel filled up, and the clogging of the pores of the filtering paper by sediment, etc. The loss by evaporation from alcoholic preparations is also considerable. The simple form of apparatus which I propose will remove many of these inconveniences; and though it is far from perfect, it will, I think, be found very useful in many cases.

The materials necessary for its construction are, a common half-ounce glass male syringe, of the cheapest or corked variety; a piece of india-rubber tubing, eighth of an inch bore, of sufficient length, say about eighteen inches; and a piece of filtering paper about one inch and a half square. Withdraw the piston and cork from the syringe and lay it aside; then cap the barrel of the syringe at the open end from which the piston was taken, with the filtering paper, and tie it securely with fine twine; slip the rubber tubing over the nose of the syringe, and the apparatus is ready for use.