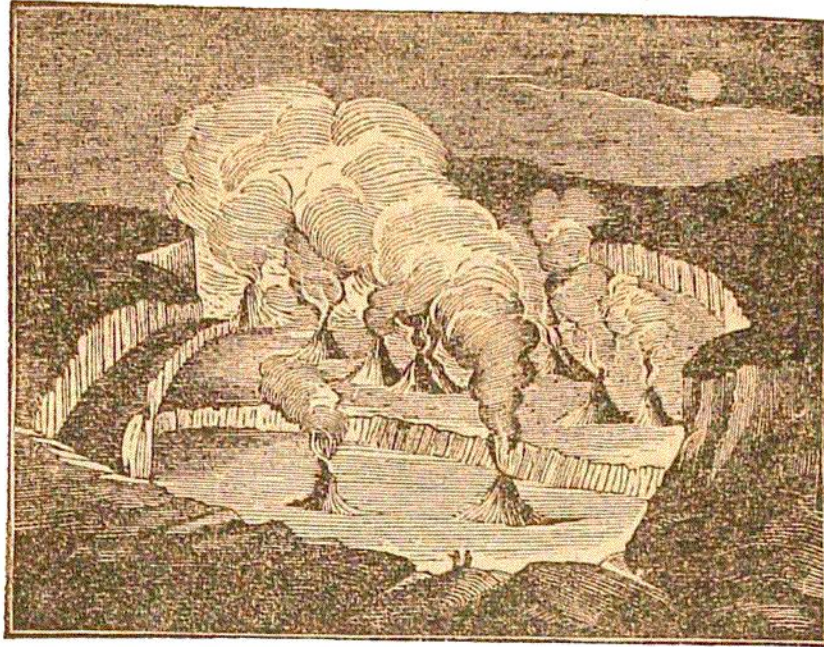


Fig. 117.

*Volcano of Kilauea, Sandwich Islands.*

Generally Kilauea is quiescent while Mauna Loa is active; but in 1849, during a partial eruption of the latter, Kilauea was unusually active. If there is any connection between the two volcanoes it must be very deeply seated, otherwise the products of Mauna Loa would empty themselves through Kilauea, the lower opening of a great syphon.

In 1843 Mauna Loa sent forth two great streams of lava, one of them being twenty-five miles long and a mile and a half wide. During the eruption a rent twenty-five miles long was produced in the mountain. In 1852 there was another eruption of great power. Persons who visited the crater say that in the midst of the roaring, upheaving ocean of fire, there was a *fountain of lava* of dazzling brilliancy, now shooting up to the height of 700 feet, and now dwindling down to 200 feet, but varied on the top and sides by points and jets, like the ornaments of Gothic architecture; thus producing a fountain constantly varying in form, dimensions, color and intensity, and far surpassing all the possible beauties of any artificial water fountain. In 1855 another eruption commenced, which caused great anxiety to the inhabitants of Hilo. A rushing torrent of lava, from three to five miles wide, flowed from the crater in a direct course for the city, for seven or