The sun stones and the moon stones come from Pennsylvania and Virginia. Nearly all the polishing of stones is done in Germany. Jet occurs in Colorado and Texas. Sphene occurs in beautiful transparent yellow crystals, often of large size, in Delaware County, Pa. Diamonds are occasionally found in this country, one having been found near Richmond, Va., weighing, after cutting, over ten carats. It was an octahedron, and was worth $5,000.

It will not be long before there will be an addition to the mining machinery of the country in the shape of an improved rock pulverizer, the principle of which consists of two saucer-shaped disks coming nearly together on one axle, but revolving in opposite directions, into which the rock is fed from the centre. Thus the two surfaces of rock grinding on one another at very high speed mutually reduce each other to a fine powder, there being no wear on the machine except at the axles.

In the Railroad Gazette for January 18 is a short description of a new fourteen-wheel locomotive, now being built by the Central Pacific Railroad. The total weight of the engine and tender, fully equipped, will be 226,650 lbs., and the tractive power 278.6 lbs. for every pound of average pressure per square inch upon the pistons. It is estimated that the engine will be able to draw a train of cars weighing 584 tons up an incline of 116 feet to the mile. In connection with this article is a sketch of the engine and a plan showing its wheels on a 12-degree curve. This will be the most powerful engine in the world, and will probably be able to exert 50% more tractive force than the St. Gothard or French engine.

Fogg, speaking of a mutual friend who has just started a new venture:—"Yes, sir, he's a rising young man, if he does keep stationery." Jones, who is overwhelmed by the brilliancy of the remark, carefully avails himself of his first opportunity to shine by borrowed brightness, and remarks:—"Yes, sir, I always said he was a rising young man, if he did work in a bookstore."