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I saw my soul at rest upon a day As a bird sleeping in the nest of night. Among soft leaves that give the starlight way To touch the wings but not the eyes with light.

Which is Best. Up to the stars you mountain seem to rise, And two are looking down on distant blue; One wears the far-of-pink in view.

A Wonderful Invention. There has just been patented a most wonderful invention. The patentee is Professor Graham Bell of telephonic renown, and the invention is an outgrowth from his researches in that line of study.

When a vibrating beam of light falls upon certain substances, notably selenium suitably prepared, they emit sounds, the pitch of which depends upon the frequency of the vibrating change in the light; and when for instance, in the case of selenium, the form or character of the light vibration is controlled, the quality of the sound emitted also is controlled.

In a lecture delivered by Professor Bell before the Royal Institution in May, 1878, he announced the possibility of hearing a shadow by interrupting the action of a ray of light falling upon a bar of crystalline selenium by listening to a telephone in the circuit; but the fundamental idea of the photophone, or the production of speech by light, is the transmission of an undulating beam of light, which although it falls continuously upon a selenium receiver, is subject to rapid changes in intensity.

We pass over the details of the peculiar preparation of the selenium, and will describe the simplest form of apparatus at present known to the inventors. It consists of a plane mirror of flexible material, such as silvered mica or microscope glass, against the back of which the speaking voice is directed. The light reflected from the mirror is thus thrown into vibrations corresponding to those of the diaphragm itself.

The beam is received at the distant station upon a parabolic reflector, in the focus of which is a sensitive selenium cell, connected in a local circuit with a battery and a telephone. Before long we shall doubtless be in a position to illustrate and describe with more minuteness this remarkable invention, but meantime we may mention that sentences have been heard distinctly at a distance of 250 yards in the city of Washington.

IN THE NEW MASONIC HALL. Building, corner of Queen and Fort streets. C. N. BARTON.

ble effect. Even an apparently opaque sheet of hard rubber does not entirely do that, so that we must assume the invisible rays have also their share in the effects witnessed with the photophone. The sheet of hard rubber itself produced sounds, which were louder than in the case of other substances when in sufficiently thin plates.

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