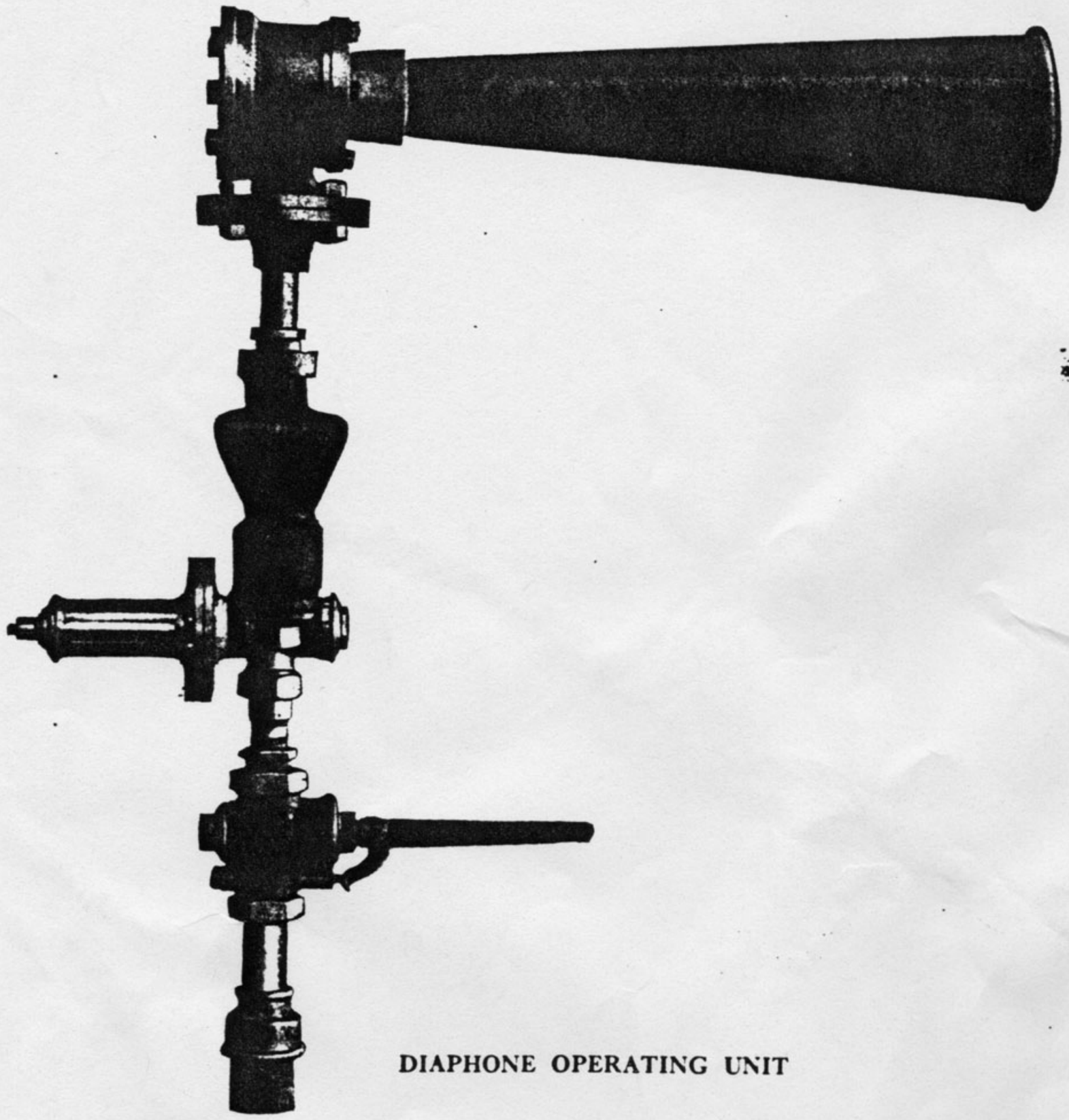
Compressed Air Signals

We are now prepared to furnish Compressed Air Fire Alarms, which accomplish better results at a much lower price than any similar equipment heretofore offered.

The special feature in connection with these outfits is the horn or whistle used. This whistle is known as the "Diaphone," and is constructed in such a manner that a large volume of sound is obtained with a minimum consumption of air.



DIAPHONE OPERATING UNIT

Diaphone

The Diaphone is the most powerful known instrument for producing sound, and is founded on an invention of Hope Jones, the English organist.

Its name is derived from two Greek words, *Dia* = through and *Phone* = sound.

It was so named because the system by which the sound is produced is more efficient and projects sound farther than any other at present known.

The improvements made by this company in adapting the instrument for fire alarm signaling purposes, together with the specially designed electro-mechanical equipment for operating same in conjunction with fire alarm signaling systems, combine to produce the most powerful and efficient public alarm ever offered to the public.

There is no other sound like that of the Diaphone. It has a peculiar quality which makes it unrivaled as a distinctive signal. It cannot be confused with steam whistles which might be used in its neighborhood.

It gives a prompt, full tone from the beginning to the end of each blast.

It produces a heavy sound that will immediately call attention. It is very penetrating, and under good atmospheric conditions it can be heard at a distance of several miles, making it especially valuable as a fire alarm signal.

The following advantages are claimed for the Diaphone system as compared with the old style compressed air systems:

1. Greater volume of sound and carrying capacity.

2. The space occupied is much less, as only one air reservoir is required as compared with two or three reservoirs necessary for the old style outfits.

3. A distinctive tone which cannot possibly be confused with the sound produced by any other whistle or device.

Our compressed air systems may be operated by our standard whistle-blowing mechanisms and are provided with controlling devices which automatically keep the air supply in the reservoirs at a constant pressure.