

PUBLIC HEALTH MAGAZINE.

VOL. I.]

MARCH, 1876.

[No. 9.

Original Communications.

SEWER VENTILATION.

Paper read before the Public Health Association, Friday, Dec. 10th,
BY DR. F. ROURE.

Mr. President and Gentlemen:—

The subject I propose to introduce to you to-night, is one that has occupied the attention of the scientific world for many years, and one whose extreme importance has forced itself upon the thinking minds of this community, namely :

SEWER VENTILATION.

The evil effects of sewer gas are so patent to every novice in sanitary science, that it would be superfluous to refer to them. My object is to expose to you a plan of *sewer ventilation*, which, I dare believe, is an improvement on any of the systems already tried in Europe; and which have been so productive of good in the saving of human life. To render this improvement intelligible, and capable of being estimated, it is necessary to refer briefly to some of these schemes of which I have just spoken. Nearly all these projects had for their basis the traction, or the vacuum principle. The ventilating shaft, with or without fire; the furnace; the Archimedian screw with the revolving cowl; the chimneys of factories; the clock-tower of the house of parliament, the street lamps; the rain water pipes from the eaves of houses, Mr. P. Spencer's system of combining sewers and flues,