

## SECTION IV.

*Recapitulation of the last Section. General Reflections on the Subjects treated of in the preceding Chapters.*

THE subjects considered in the last section of the present chapter, may be viewed as a continuation of what has engaged our attention, in those that have preceded; and the principal circumstances detailed, may be thus recapitulated.

1. All perfectly gaseous bodies combine with reference to their volume; that is to say, any volume or bulk of a gas, always combines with an equal volume or bulk of the same, or of another gas: or with a volume, having some simple relation to its own volume, as half, or twice as much; &c. and not with any intervening fractional part of a volume.

2. The same volume of different gaseous bodies has very different *weights*: hence on the supposition formerly advanced, that all perfectly gaseous bodies under the same pressure and tempe-

difficult to devise hereafter both a notation and a nomenclature founded upon them. At present such an attempt would be ridiculous.