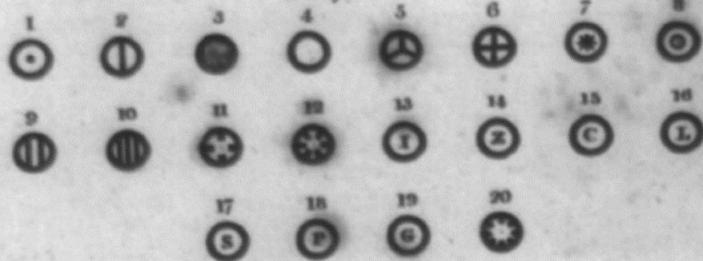


ELEMENTS .

Plate 4

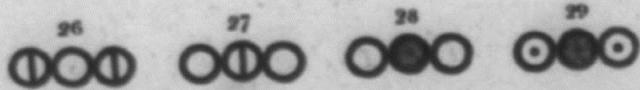
*Simple*



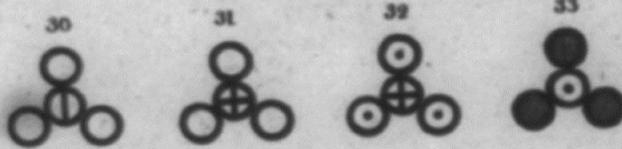
*Binary*



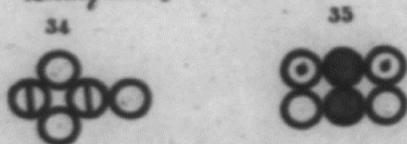
*Ternary*



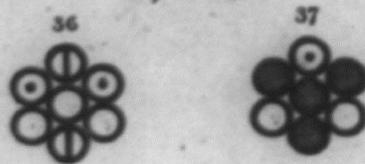
*Quaternary*



*Quinquenary & Sextenary*



*Septenary*



*Hand 1.*

PLATE IV. This plate contains the arbitrary marks or signs chosen to represent the several chemical elements or ultimate particles.

Fig.		Fig.	
1	Hydrog. its rel. weight	11	Strontites
2	Azote, - - - - -	5	Barytes - - - - -
3	Carbone or charcoal, -	13	Iron - - - - -
4	Oxygen, - - - - -	7	Zinc - - - - -
5	Phosphorus, - - - - -	9	Copper - - - - -
6	Sulphur, - - - - -	13	Lead - - - - -
7	Magnesia, - - - - -	20	Silver - - - - -
8	Lime, - - - - -	21	Platina - - - - -
9	Soda, - - - - -	28	Gold - - - - -
10	Potash, - - - - -	42	Mercury - - - - -
21.	An atom of water or steam, composed of 1 of oxygen and 1 of hydrogen, retained in physical contact by a strong affinity, and supposed to be surrounded by a common atmosphere of heat; its relative weight = - - - - - 8		
22.	An atom of ammonia, composed of 1 of azote and 1 of hydrogen - - - - - 6		
23.	An atom of nitrous gas, composed of 1 of azote and 1 of oxygen - - - - - 12		
24.	An atom of olefiant gas, composed of 1 of carbone and 1 of hydrogen - - - - - 6		
25.	An atom of carbonic oxide composed of 1 of carbone and 1 of oxygen - - - - - 12		
26.	An atom of nitrous oxide, 2 azote + 1 oxygen - 17		
27.	An atom of nitric acid, 1 azote + 2 oxygen - 19		
28.	An atom of carbonic acid, 1 carbone + 2 oxygen 19		
29.	An atom of carburetted hydrogen, 1 carbone + 2 hydrogen - - - - - 7		
30.	An atom of oxynitric acid, 1 azote + 3 oxygen 26		
31.	An atom of sulphuric acid, 1 sulphur + 3 oxygen 34		
32.	An atom of sulphuretted hydrogen, 1 sulphur + 3 hydrogen - - - - - 16		
33.	An atom of alcohol, 3 carbone + 1 hydrogen - 16		
34.	An atom of nitrous acid, 1 nitric acid + 1 nitrous gas - - - - - 31		
35.	An atom of acetous acid, 2 carbone + 2 water - 26		
36.	An atom of nitrate of ammonia, 1 nitric acid + 1 ammonia + 1 water - - - - - 33		
37.	An atom of sugar, 1 alcohol + 1 carbonic acid - 35		