

when the pressure was reduced still further the charging action was reversed and for lower pressures the free system more and more rapidly

TABLE II.

Pressure mm.	Deflection in mm. on scale
755	13.3
632	13.3
535	13.2
447	13
375	12.95
323	12.9
275	12.8
231	12.7
192	12.6
135	12.5
112	12.45
82	12.37
72	12.35
58	12.37
52	12.4
40	12.6
22	13.5
13	14.4
11	15
7.5	17.4
5.0	20
3.3	22
1.18	25
.24	27.2
.033	27.6

gained a positive charge. In this experiment the volta effect would make the aluminium positive to the outside brass cylinder and consequently