



of the pattern cut becomes square, or rather of a very slight curve, according to the diameter of the pattern, but quite a different termination to what it would if the stop were removed; the top slide can also be adjusted by its screw, so that any number of cuts upon a surface may be made, each one differing from the other. If I wrote for a month upon this subject, I could tell little more, but one practical lesson would clearly illustrate what it will do; it is certainly much easier to work than the geometric chuck, and will produce an equally

interesting variety of patterns. The inventor, who devoted a considerable amount of time, has, in conjunction with other apparatus, produced some most beautiful effects, and although Capt. Dawson has spent so much time upon it, I am sure he will agree with me that it is not yet half worked out. I am indebted to the Captain for my knowledge of the apparatus, and I trust that some of our readers will take advantage of it also, as it is an addition worthy of any ornamental lathes, and will afford quite as much amusement as a geometric chuck.