

doubt some chemical process : combination or dissociation, something atomic, occurred ; but what made it occur just then and in that way ?

I answer, not anything that we as yet understand, but apparently the same sort of pre-arrangement that determined whether the stone from the cliff should fall on point A or point B—the same sort of process that guided the pen to make legible and effective writing instead of illegible and ineffective scrawls—the same kind of control that determines when and where a trigger shall be pulled so as to secure the anticipated slaughter of a bird. So far as energy is concerned, the explosion and the trigger-pulling are the same identical operations whether the aim be exact or random. It is intelligence which directs ; it is physical energy which is directed and controlled and produces the result in time and space.

It will be said *some* energy is needed to pull a hair-trigger, to open the throttle-valve of an engine, to press the button which