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Protection from lightning! The great Faraday demonstrated what is absolute safety from lightning. He had himself and instruments enclosed in a completely conducting shell or cage which was then subjected to electrical discharges. Neither Faraday nor his instruments were disturbed. The lesson from this is that the more rods on a house the better the protection; all houses should have at least two, if rodded at all. There is a limit, however, to the number of rods, beyond which it would not be economical to erect more because of the cost of upkeep. All rods should extend beyond the highest point of the house, and their paths to the ground should be as direct as possible.