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PROFESSOR MARSHALL'S INSTALLATION ADDRESS ON  
PHYSICS AT QUEEN'S UNIVERSITY.

WHEN I was asked, after my appointment to the Chair of Physics in this University, to deliver the opening address for the current session it became a matter of anxiety to me what sort of passage we should have across the Atlantic. Without a consulting library within reach it would add, I feared, considerably to the difficulty of the situation had I not a steady table even on which to write. But a promise once made must be fulfilled. My former, though slight, acquaintance with our fellow-countrymen on this side of the Atlantic made me feel that I would have a generous, if not an indulgent, audience, and with such a Principal as we have I believed at least every allowance would be made for the circumstances in which I am here now to address you. I propose, on the present occasion, to say a few words on what I believe to be the province of physics as taught in schools of science at the present day, and thereafter to make

some remarks on my own experience in teaching that subject to a people who may be said to have been entirely ignorant of it but a quarter of a century ago. Physics, which is the subject I shall have the honour to teach in this University, if taken in its literal sense, would treat of all the phenomena and their relations to one another, with their connecting laws, which take place in the material world. Natural philosophy, the older and yet much cherished name of the same subject, has a similar meaning. But as our knowledge of the material universe has grown, one branch after another, like the branches of the banyan tree, has taken root for itself and grown a tree alongside the mother stem. Medicine, which in its various parts treats of a knowledge of living animals, and especially man, and the relations they bear to the material world outside them, has long ago separated itself. In the same way Botany, which unfolds to us the won-