

moderate incomes and with reputations of only local extent.

One of the most interesting lines of engineering practice is research; because there is nothing more absorbing for a certain type of mind than discovery or invention. Investigation in most of the divisions of technics requires personal experience in actual doing; but in some of them, such as chemical engineering, it is feasible for a recent graduate to start upon important research work under the close guidance of a more experienced man. When one is regularly retained on research, he should have it stipulated in writing that he is to share pecuniarily, at least to a modest extent, in all emoluments that come directly from his studies, especially when the line of investigation was originally suggested by him. An entire chapter of "Vocational Guidance in Engineering Lines", No. LI, is devoted to the subject of "Research Engineering."

Here is a fact that has long been recognized by a few of the best-posted Americans, and which is gradually becoming generally known; namely, that there is no better training for many lines of industry and business than an engineering education. A number of universities now offer courses of a general nature, which combine some fundamental engineering studies with instruction in business. It is a good combination for young men of intelligence and ability who have an inclination towards technics, but who are not sufficiently interested in engineering to undertake the large amount of arduous work required, first, to obtain a professional degree, and second, to make an outstanding success in practice - and there are plenty of such youths in America. They are capable of becoming good and useful citizens and successful men in various lines of business that are allied more-or-less closely with technics.

Chapter IV of the book, treating of "Engineering for Americans in Foreign Lands," will be found of deep interest to many young would-be engineers, especially those to whom the romantic features of engineering strongly appeal. That