into the St. Charles Hotel, which was to be our headquarters for the next three weeks, the bell boys, taking us for a baseball club with Professor Richards as manager, asked, "What team is this?"

That was just a beginning. Before we left Pittsburg, we had been taken for ball players, strikers, soap agents, a minstrel company, "dog catchers," sports going to a prize fight, a delegation of Knights of Labor, and a party of reporters. But the ball-team idea seemed the favorite, and within a week after our arrival we received a challenge to play a game with the Western University nine. Hot weather prevented the game.

The campaign in Pittsburg was carried on as follows:—At "hawf-pawst six," we were called by the porter (all but Weston, who left word at the office that he objected to early rising), and then lay abed as long as we could to be ready to start from the hotel at eight o'clock. The party was divided into pairs. In turn, each couple would be "on the Faculty" for the day, carrying the paper that had the assignments and seeing that the other fellows did their work properly. One pair would ask questions and find out as much as possible about the sources of the ores, fuels, fluxes, bricks, and water; another would get the dimensions of the furnaces, boilers, and some of the machinery; another the analyses of the ores and products; and so on. In this way the party was seeing with fifteen pairs of eyes and asking questions with fifteen tongues, while the confusion of having several ask the same man the same questions was avoided. At noon, we returned to the hotel, or, if too far away, we went to the nearest "hash house;" and what "grub" we did have some days! At two, we started out for another plant, returning between five and six. After "settling" our dinner on the balcony of the hotel, we all met in the professor's room for the "session," which lasted from an hour and a half to two hours. At these sessions, each air of students told what they had found out during the day. While one talked, the rest took notes, and occasionally criticized and corrected statements made. Some of the hot debates will be spoken of later.

The first half of the first week in Pittsburg was spent in the study of the blast furnace and the production of pig iron. We visited the Lucy, Juniata, Isabella, and Eliza furnaces, spending half a day at each. At all these works, we received many courtesies, such as descriptions of method, reports of analyses, and liberty of taking measurements and inspecting drawings.

At the Lucy furnace, they have an iron pig-bed for casting the "chilled" iron used in making armor-plate steel. The comment in our notebooks concerning the Isabella furnaces was, "The whole plant is exceedingly neat." We saw our first "working lab." at the Eliza furnace; 'twas far different from the ones we are trained in. Our visit to the Juniata furnaces was the first of three to the works of Schoenberger, Speer, & Co.

We saw so much on Monday that we could not tell it all in our evening session, but the rest was left till Wednesday. After the Tuesday evening session, several of the M. I. T. Alumni living in or near Pittsburg, made us a very pleasant call at the hotel. Arrangements were made for visiting the different works in which they are interested, and an invitation was given us by the resident Alumni to a banquet at the Duquesne Club on the following Thursday evening. It is very pleasant and very encouraging for undergraduates to meet graduates of their own course who have become successful in their profession.

Wednesday was so hot that no works were visited; but a "session" took the place of our usual excursion, and all the notes were written up. As Wednesdays and Saturdays were half holidays, we amused ourselves as we pleased during the afternoon and evening. It is safe to say that more novels and periodicals were read by the students of the Summer