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Mr. Lau. Carriage maker.

The Chairman. Have you a shop here for the instruction of pupils?

Mr. Lau. yes, sir.

The Chairman. How many pupils are detailed for your department?

Mr. Lau. It is different; they run from 18 up to --- at the present I have 25.

The Chairman. How long does it take you ordinarily, or should it take you, to properly instruct your students in that work?

Mr. Lau. Not less than three years --- that is, actual work.

The Chairman. What is the custom here, with reference to permitting them to remain, or detailing them to other work?

Mr. Lau. The students are <u>detailed to other work before</u> they get a right start. Some few stay there until they are pretty good wagon makers.

The Chairman. What per cent of them stay there and learn the trade?

Mr. Lau. Not over 2 per cent.

TESTIMONY OF JOHN A. HERR.

Thewitness was duly sworn by the Chairman. The Chairman. You have charge of the carpenter shop? Mr. Herr. Yes, sir; the carpenter shop. The Chairman. Is the shop pretty well equipped? Mr. Herr. Yes; very well equipped. The Chairman. Properly equipped for instruction work, is it?

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Mr. Herr. Yes, sir.

The Chairman. How many popils are usually detailed for instruction in your department?

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Mr. Herr. I could average in the winter time 40 to 41; sometimes 42.

The Chairman. Do the pupils here take to the carpenter's trade pretty well?

Mr. Herr. Oh, a certain per cent, not all.

The Chairman. Do you know how they are chosen; how the superintendent or disciplinarian, or whoever it is makes the detail, determines what number shall come to you?

Mr. Herr. As far as I know, I think the boys are allowed to walk around and select their place.

The Chairman. They are given some option?

Mr Herr. Yes, sir; I think so.

The Chairman. I believe I asked you how long it took to teach a boy to become a fairly good carpenter?

Mr. Herr. No. They should be there from two and a half to three years, at any rate.

The Chairman. Are the boys that are detailed to you permitted to stay there that long?

Mr. Herr. No, sir; maybe 7 per cent, maybe 6 per cent, out of these 40.

The Chairman. Have you mades any suggestions to the authorities in the school here that that system ought to be changed and you be given a chance to teach the boys so as to make them, capable of following the trade, and thus vidicate your position as instructor?

Mr. Herr. I have make mentioned that to them frequently; 44n Yes, sir. We have talked that matter over, that to make practical mechanics of them they should be kept in the shop.

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The Chairman. How is the construction work on the new buildings done? By student labor or by outside labor?

Mr. Herr. Some of them.

The Chairman. What percentage of it?

Mr. Herr. Since I am here, most of it has been done by student labor.

The Chairman. Is it not a fact that all of the new buildings were constructed by outside labor?

Mr. Herr. Yes, sir; all the new buildings --- now, sir; there is two new buildings that was not. There is two buildings done here that was not.

The Chairman. If you had a proper detail and were permitted to keep boys long enough to teach them, you ought to be able to construct such buildings almost entirely by student labor?

Mr. Herr. Certainly; we could do that during the summer season if the boys were left here.

The Chairman. The boys are entitled to that instruction? Mr. Herr. I think so; yes, sir.

Representative Stephens. You think the outing system then is the reason why none of the boys can graduate in these industrial pursuits?

Mr. Herr. I think undoubtedly that is the reason. Representative Stephens. Many of them do not return at all, I understand.

The Chairman. Does the football work interfere with your work?

Mr. Herr. Yes, it does to some extent. They are taken

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1125 away from mere, you know.

TESTIMONY OF WILLIAM C. SHAMBAUGH. The witness was duly sworn by the Chairman. The Chairman. You are the blacksmith here? Mr. Shambaugh. wes, sir.

The Chairman. Do you teach blacksmithing to the pupils? Mr. Shambaugh. Yes, sir. I do the general work for the school too; yes, sir.

The Chairman. How many pupils do you instruct?

Mr. Shambaugh. Now, last month I had 26.

The Chairman. Do they learn it pretty well?

Mr. Shambaugh. Not the full blacksmithing. I do not pretend — I try to make them good efficient helpers. The last year they got a number of applicants for boys to go out in shops for the summer, and they get the real work there of a general blacksmith.

The Chairman. What length of time does your course contemplate?

Mr. Shambaugh. Three years --- that is, out in the shop. That is what I served.

The Chairman. What do they pay you here?

Mr. Shambaugh. \$800 a year.

The Chairman. How many boys do they detail, you say?

Mr. Shambaugh. I had 26 last month, I think. I think I had 13 in the forencon and 13 in the afternoon. This month now I have had one of two more.

The Chairman. Are you furnished with quarters here?

Mr. Shambaugh. No, sir. I asked, but they refused to give me quarters. When I came here I came under the conditions that 46n-