

ahead of time when they are going to be relieved. It isn't a matter of impossibility to keep the men from coming in ahead of time, but we do have it. The English Ave. line is a hard schedule.

It frequently happens that the English Avenue car cuts off the River car, and the Marietta car. I have seen the English Ave. car cut off the Fair St. car, which is due at five after the hour.

K. T. THOMAS, Sworn for the defendant.

I am a civil engineer. I measured the distances from the intersection of Marietta and Forsyth St., to the pencil factory on Forsyth St. it is 1016 feet. I walked the distance, it took me four and a half minutes. I measured the distance from the pencil factory to the intersection of Whitehall and Alabama, it is 831 feet. I walked the distance and it took me $3\frac{1}{2}$ minutes. I measured the distance from the pencil factory to the corner of Broad and Hunter it is 333 feet. I walked it in a minutes and three quarters. I walked at a fair rate.

CROSS EXAMINATION. I could have walked it more rapidly and made it in three minutes. A man would have to walk slower than I walked to take him 6 minutes to go from Marietta and Forsyth to factory.

L. M. CASTRO, Sworn for the defendant.

I walked from the corner of Marietta and Forsyth St. to the upstairs of the National Pencil Factory on So. Forsyth St. at a moderate gait. It took me $4\frac{1}{2}$ minutes. I walked from the same place in the pencil factory to the corner of Whitehall and Alabama streets, and it took me three minutes and twenty seconds. I walked from the corner of Hunter and Broad Streets to the same place in the pencil factory and it took me one minute and a half.
NO CROSS EXAMINATION.

PROF. GEO. BACHMAN, Sworn for the defendant.

Prof. of Physiology and Physiological Chemistry Atl. Col. Phys. & Surgeons. Bomar says it takes 4 hours and a half to digest cabbage. That's for the cabbage to pass from the stomach into the intestines. The gastric digestion takes 4 hours and a half. That is the time it is supposed to be in the stomach. More digestion occurs in the small