

are arranged in book form and contain over 250 pages devoted to a complete and accurate history of the congress, with the various papers and discussions which held the attention of the assembly.

The object of the department is to advance agricultural interests all over the State, and the farmers' congress is a splendid way of accomplishing this object.

### MECHANICAL ENGINEERING DEPARTMENT.

The "boys in overalls" or "Bradies," are glad to hear that Professor Whitlock has received a letter stating that the castings for the motor are being made and will soon be here. This will be somewhat of a novelty, and we are all anxious to get to work and make a record, as well as a motor.

There's an old saying that writing on marble and carving on iron would be effaced by time. We (scrapers on perfect surfaces) don't believe in carving on iron, for a hair's breadth of iron is an age of scraping. "But it's coming."

The "straight line" engine was tested the other day. A "pony brake" was used to create the load and some very interesting cards were taken. I regret to say that the senior M. E.'s were not present to see the experiment, which no doubt would have been of interest and instruction to us.

The senior M. E.'s are anticipating an examination in machine design for Tuesday, November 13th. Of course the editor has stores of interesting matter on this subject; he can give you the formulae for the strength of a beam bent at right angles around a curve, or how to extract the square root of a circle, the functions of "theta," "gamma," etc., as relative to zero degrees.

A number of artistic drawings could be shown, but he is more inclined to exhibit these works of art and expound his math. to a more appreciative audience, namely, the professor. Begging pardon for those who feel the least insulted by

not having given them this interesting (?) matter.

Nevertheless, boys, don't be discouraged, for

"The heights by great men won and kept  
Were not attained by sudden flight;  
But they, while their companions slept,  
Were toiling upward in the night."

Icon, '01.

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In the recent examination of the first-class in machine design, the honor system was tried. Although it is generally taken for granted that these A. and M. boys are the slickest "poneyers" that ever saw a set of questions, there is more honor in them than in a dozen "goody-goody" hypocrites.

The bare truth of the matter is just as a student once answered a professor on being asked why he cheated on examinations, knowing it was wrong: "Because when we come in here to stand an examination, we know we are going to be watched, and that you are trying to catch us poneying, so we just hate to disappoint you by not doing it." If there is any honor and self respect in a boy it is in him now, and if he is never allowed to show it by being put on his honor it will weaken with time.

When those men filed out of the examination room last Tuesday (November 13th) every boy had a proud and manly look on his face which said, "I have stood on my honor, and may have failed on my honor."