Last year when Mr Bryan referred to the Darwinian theory of evolution, e assailed it severely, saying, "Scien-sts try to tell us that man was not add in the likeness and image of God.

AGS HEAR INSPIRING SPEECHES AT BANQUET

issen Report Bright Out-look for Agriculture

The second Annual Bapquet of the tudents of the School of Agriculture was stared with gratifying success last hursday evening in MacAllister Hall. peeches were delivered by State Secrety of Agriculture, Honorable Fred namussen, and by Dean R. L. Watts, rofessor R. G. Bressler of the Department of Rural Sociology acting as pastmaster for the occasion Not only did the banquet serve as a means of athering a large group of "Agriculture in a group for a yearly celebration, but he occasion has paved the way for in-reased co-operation of the students on the Hill, both for the good of the colege and also for increased efficiency for the School of Agriculture in serving the needs of the farmers of Pennsylania.

At the close of an apnetizing dinner

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If authentic and accurate information on the subject, "Milk That needs Not wishing, and How to Produce It," were desired, the logical man to approach would be Mr. P. D. Jones who has charge of the College dairy herd. The eventional cleanness of the milk produced at the College barn may be made that go of the College barn may be made that go of the College barn may be made the continuation of the milk by the Head from the February report of the extinuation of the milk by the Head from the February report of the extinuation of the milk by the Head from the February report of the extinuation of the milk by the Head from the February report of the extinuation of the milk by the Head from the February report of the extinuation of the milk by the Head from the February report of the extinuation of the milk by the Head from the February report of the extinuation of the milk by the Head from the February report of the extinuation of the milk by the Head from the February report of the extinuation of the milk produced by the Dirac Altoona concerning the certificial state to milk produced by the Dirac Altoona concerning the certifical state to milk produced by the Dirac Altoona concerning the certifical state of the Stat

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William Stanley -and the Alternating Current Transformer

There is nothing that compares with electricity for the economical transmission of power. As a matter of fact, energy in any other form can be economically transmitted only for the shortest distances. If a power need develops, and its location is more than a few hundred yards from the power house, the engineer at once turns to the electrical method for cheap and rehable transmission

the power house, the engineer at once turns to the electrical method for cheap and rehable transmission

To the thousands who are living their lives in the earlier days of the Electrical Age, it probably seems that this situation must have always existed. But actually, there is many a man with no gray in his hair can recall the days when electric light and power were literally unknown.

The tremendous electrical transmission systems that have been developed during the past thirty years owe their existence to the fact that they are practically, as well as technically, right. They provide cheaper power than would otherwise be possible, and production, and the creation of real values, always requires comparatively low-priced power for its highest development And the history of low-cost power transmission is the history of Alternating Current Transformer. For one of the great factors in the cost of electrical systems is the cost of conductors—wires—and the big thing about alternating current is that the makes possible the use of conductors which are within the cost-hmits which competitive and economic conditions impose.

There is no room to discuss all the varied aspects of this question, but it may be said that one of the great fundamentals that has led to the use of alternating current transmission for about 95% of the electrical systems now in use has been its great economy, as compared to other systems, in the transmission of power. And the transformer, itself, is the heart of the alternating current system.

former, itself, is the heart of the alternating current system.

It permits a small current, at high voltage, to be transformed to a large current at low voltage, to be transformed to a large current at low voltage, or vice versa, through the use of simple, immobile apparatus, and thus supplies the essential factor in electrical transmission.

William Stanley is remembered because it was he who commercially developed transformers of high efficiency and satisfactory regulating qualities. He brought out the first system in which the transformers were connected in parallel, across a constant-potential system, instead of the series operation used by Gaulard and Gibbs. The system embedying this principle was put into operation at Great Barrington, Mass, on March 16, 1886, and has been the standard method ever since.

Thus briefly is recorded the history of another contribution of the Westinghouse engineering organization to the electrical art; since all the transformers which are made today are built upon the same general principles as those first constructed to embody William Stanley's inventions.

Westinghouse

