

POWER FROM AIR AT LAST

North Dakota Youth Perfects Fuel-less Engine Weighing But Twenty Pounds.

North Dakota has another inventor to her credit in Henry Lohse of Park River who has perfected a fuel-less motor which, under test, has developed three-fourths of a horse power and weighs only 20 pounds.

Power from air at last.

The Lohse Motor, as it is called by its inventor, takes the power with which the motor is propelled directly from the air. The motor is electrical. It can be regulated as accurately as any motor now on the market, as regards speed, power, etc., and requires absolutely no gasoline, kerosene, steam or other fuel or power for its operation except that which is used for lubrication.

Henry Lohse, the inventor of this new wonder, is strictly a North Dakota boy, having been born at Park River, N. Dak., which is his present home.

He is 19 years old and although a youngster, has the build of a mature man, being six feet tall and weighing about 170 pounds, is quiet and unassuming, but very pleasing in his appearance and manner. The only education that he has received has been in the local high school and from books. While attending high school he became very much interested in electricity and physics, making physics a specialty. He was graduated in 1916 and since that time has been working on his motor and studying electricity and mechanics at home from what books he could gather together.

Mr. Lohse stated that he had been at work for about five years on his new motor, and as soon as he had completed it he gave it a very thorough tryout by testing it in various ways with different loads. It developed three-fourths of a horse power.

At one time he ran an endurance test and started the motor going to see how long it would run. After two weeks time had elapsed he grew tired waiting and stopped it. During this time, the motor used absolutely no fuel except that which it took directly from the air. The motor was not touched except that the automatic oiler which lubricates the various parts, was filled, as it needed attention.

The little motor will perform any operation that a motor may be called upon to perform, and does so entirely without the use of fuel, the power being taken from the air.

When Mr. Lohse applied for his patent he received a request to come to Washington, D. C. He went and was most royally treated by the government officials. He had the pleasure of spending considerable time with Thomas A. Edison, who is now working for the government, and also of spending considerable time with government engineers. Secretary of War Baker took Mr. Lohse to the White House where the young inventor had a private interview with President Woodrow Wilson. President Wilson congratulated Mr. Lohse on his motor, praising him very highly for his work.

The patents have been granted by the patent office and the government has taken hold of the motor. Government engineers are at present constructing a motor approximately 80 times as large that will develop 75 horse power, and is to be completed within two months.

It is their intention to try out this new motor in an aeroplane, for which it seems highly adapted, because of its light weight and the fact that there will be no fuel to carry.

The possibilities of such a motor can be readily seen. It will not only eventually adapt itself to the aeroplane but will be a practical thing in all lines of motor driven machinery possibly supplanting the steam engine of our modern railroads.