From the New York World.

MAKING A CITY BY STEAM.

Details of the Plan by which Mr. J. Holly Will Bestir.

We have hereofore alluded briefly to a plan devised by Mr. J. Holly, of Lockport, to heat the city by steam. The Lockport Union supplies a large quantity of wood to the city, and, therefore, there is no difficulty in securing a large amount of energy at a small expense. The plan is based on the idea that city heating can be accomplished on a large scale and at a moderate cost.

The plant is to be under the supervision of the Board of Directors, in which Samuel Rogers, D. K. Bishop, J. H. Redick, F. N. Tyner, L. D. Hall, and Mr. J. Holly, and the equipment is actually to be made under the following estimate:

- Estimated present cost for coal, wood, buildings, labor, and materials is $1,000,000
- The estimated cost of the main pipe, 300 feet, is $3,000
- The cost of building and steam plants is $2,000
- The cost of steam boilers and fixtures is $1,000
- The total estimated cost is $16,500

Mr. Holly has written a book in which he sets forth fully his plan for supplying steam for heating purposes in cities, villages, and towns, domestic, mercantile, manufacturing, etc. He says:

- The main business of the city, being a government, necessitates a large amount of energy, both for public and private use.
- The city, being divided into four districts, will require a large amount of energy, both for public and private use.
- The main steam pipes that will be laid will be 4 inches in diameter, and will be furnished with steam at 100 pounds per square inch, and will be connected with all the buildings.
- The outside pipe keeps all water and moisture from the city, and the city is divided into four districts, each having its own supply of steam. The main steam pipe is arranged so as to receive the end of the steam pipes through sliding boxes, allowing the pipes to be taken apart, and putting end to end, and when these are connected, the steam will pass through the buildings and the steam pipes.

The cost of the main pipe is $3,000, and the cost of the building and steam plants is $2,000. The total estimated cost is $16,500. The city is divided into four districts, each having its own supply of steam, and the city is supplied with steam at 100 pounds per square inch. The main steam pipes are arranged so as to receive the end of the steam pipes through sliding boxes, allowing the pipes to be taken apart and put end to end. The outside pipe keeps all water and moisture from the city, and the city is divided into four districts, each having its own supply of steam.