

week it will be ready to move. After the ground under the building is cleaned and leveled the real work of moving begins. Heavy timbers, a foot square, are placed under the building from end to end, and these are forced up by "jackscrews" until there is room for other timbers to be placed with the width of the building. These are jacked up in turn and more timbers are placed with the length of the building, and it is these last timbers that rest on the rollers.

These rollers are of maple, and run on a cribbing of hickory that is covered with thick planks. There are two tracks that lead down the backyard to McTard avenue, and on these tracks the big building is slowly moved by a heavy chain running in iron pulleys. The chain is attached to both corners of the house and winds about a capstan that is turned by horse power. As the building is moved down the plank tracks, the heavy rollers that are left behind are carried ahead to do service again, and so the slow journey is made. The fact that only two tracks are used makes it possible to move the house without making a crack in its walls. If one track sinks an inch or so the entire building lists to one side, or if both tracks sink the result is the same. If three tracks are used, however, and one or two of them were to sink, the building would be in a bad way, and liable to crack badly or even fall to pieces.

The present building is the largest that has ever been moved in St. Louis for anything like the same distance, and the work, which is attracting a great deal of attention among contractors and builders, will not be completed for nearly a month. It is understood that the price paid for the work is about \$2,500. This, however, is much less than the building could be torn down and rebuilt for.—St. Louis Globe Democrat.

Messrs. Hector Dazé and Jos. Dazé, plumbers, of St. Louis de Mile End, Que., have formed a partnership.

A process of preserving stone by using oil is making headway. The surface of the stone is washed clean, and after drying is painted with one or more coats of boiled linseed oil, and finally with a weak

solution of ammonia in warm water. This renders the tint more uniform. The water proof coating thus produced is found to last four or five years, when it must be renewed. A favorite preparation consists of paraffin containing creosote dissolved in turpentine, the creosote being considered efficacious in preventing organic growth upon the stone. The melting point of the compound is about 140 degrees Fahr. In applying, the surface to be coated is first heated by means of especially designed lamps and charcoal stoves, and the melted compound applied with a brush. On cooling it is absorbed to a depth depending upon the degree of penetration of the heat, about  $\frac{1}{2}$  in.

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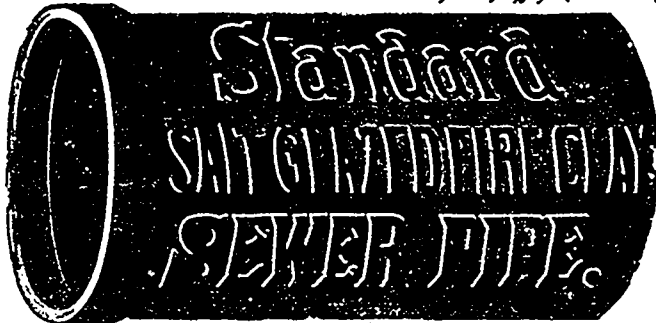
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