

FIRE RESISTING STRUCTURES.

THE destruction of the Manhattan Bank building in New York has directed attention to a weakness in the steel skeleton structure, and has shaken faith in the fire resisting qualities of such buildings. A late fire in Chicago, in which two similar buildings were demolished, has further called attention to the matter. It is established that in such buildings, even if the material will not burn, it will warp with the heat to such an extent as to bring them down, and that although the iron work may be covered with a fire resisting material absolute protection is not guaranteed. In the case of the Manhattan bank building it should be stated, however, that the floor beams were not completely covered with the fire-resistant, the lower edge being flush and only protected by the plaster finish. The building was erected

some years ago and previous to the passage of the regulations on this point now in force.

As a result largely of their experience at these two fires, Chiefs Bonner and Sweeney, of the New York and Chicago fire departments, have declared these tall skyscrapers to be huge fire traps, especially when their contents run largely to inflammable materials. They pronounce in favour of buildings of brick and yellow pine. In such the fire burns more slowly, and there is better chance of saving the contents. The opinions of such men should carry much weight. It seems probable that the insurance companies will advance the rate on such buildings, in which event the greater premium will be a serious tax on their income and increase the expense of tenants, making that class of building much less desirable as an investment.



THE LATEST.

The Prismatic Glass Company,
OF TORONTO, Ltd.

Manufacturers under "PENNYCUICK PATENTS" of all kinds of

Prismatic Window Glass

and **Double Prism Sidewalk Lights.**

Send for
Catalogue

N. T. LYON 141-143 Church Street,
TORONTO
MANAGER



Isn't it Better?

to get the best at first than to "put up with" or have to tear out a poor and unsatisfactory heating apparatus.

OXFORD

Boilers and Radiators

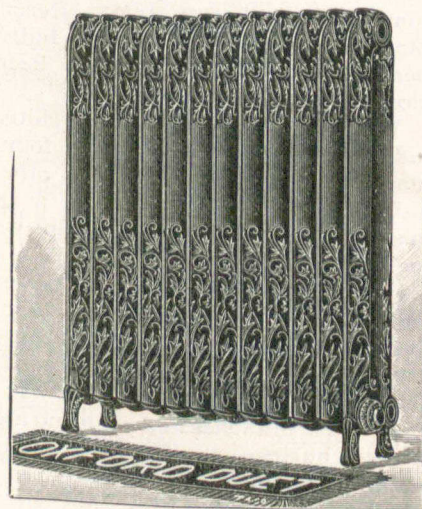
For Hot Water
or Steam

Always give perfect satisfaction

They are made in enough varieties of size and style to suit the loftiest public buildings, or most modest dwellings, equally well.

Their mechanical excellence represents 52 years of experience and experiment. We are satisfied that these are the best Boilers and Radiators that money can buy.

Send for our Catalogue ; our prices are right.



The Gurney Foundry Co., Ltd., Toronto
The Gurney-Massey Co., Ltd., Montreal