PLAINTIFF'S EXHIBIT
USG-1087

ngs" back of the lath. The plaster adheres ith a uniform suction over the entire surface Nobuckle, the two uniting into a monolithic eproof plaster wall.

The accompanying illustration proves how eat is the bond between gypsum plaster and obuckle. There is no possibility of the plaster coming jarred loose by the slamming of doors vibration of the building.

Permanent Plaster Walls

Red Top Gypsum Plaster should always be ed over Nobuckle Plaster Lath, as this aster unites with Nobuckle Lath, forming a ard, dense, uniform wall that will take any coration.

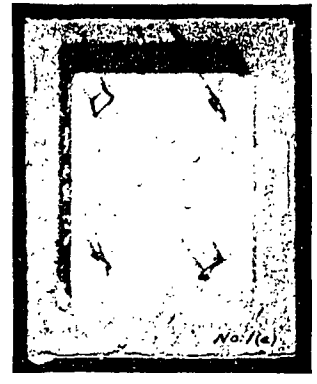
Gypsum plaster is of itself fireproof and ssesses superior soundproof and insulation alities.

The combination of Nobuckle Plaster Lath ished with gypsum plaster in Red Top bags sures you the most economical, lasting and rmanent plaster walls and ceilings that can be tained. This construction costs no more and ves better results.

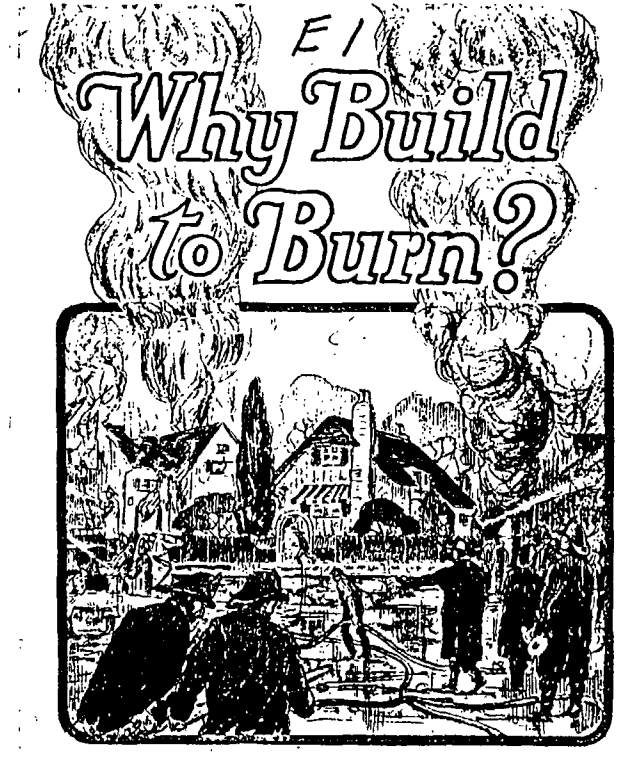
Your plastering contractor can furnish obuckle Plaster Lath and Red Top Plaster st as economically as wood lath and less tisfactory plaster.

UNITED STATES
GYPSUM COMPANY
205 West Monroe Street, CHICAGO, ILL.

This Test Shows How Gypsum Plaster Adheres to NOBUCKLE



In order to show the strong bond between Red Top Plaster and Nobuckle, an area of Nobuckle 2 1/16 in. by 3 3/8 in. was plastered, metal staples being embedded in the plaster (see 1-a). A weight of 145 lbs. was suspended from these staples, proving the wonderful adhesion of plaster to Nobuckle.



BB015 2474

Protect Your Building Against Fire and Depreciation

THE average annual fire loss in buildings in the United States is $65,000,000. Every three minutes a home is destroyed by fire. Statistics prove that 90% of residence fires start from within the building.

A large part of this is due to the common practice of using wood lath as a base for plaster.

15,000 wood lath are required on a small building. When these are nailed on both sides of the wood studs, the space inclosed becomes a flue lined with kindling wood, a constant fire hazard.

The tremendous annual fire loss from fires originating within buildings and the danger of loss of life can be entirely eliminated by using NOBUCKLE PLASTER LATH, a smooth, fireproof material, in place of the 15,000 pieces of kindling wood.

NOBUCKLE PLASTER LATH *Prevents Fires*

NOBUCKLE PLASTER LATH is a uniform sheet of processed gypsum 3/8 in. thick which, when nailed to studding and joists, completely seals the walls and ceilings with a fireproof material that will not burn nor transmit heat to wood studs, joists or furring strips.

Authoritative tests have proven the fire-resisting value of NOBUCKLE PLASTER LATH and Red Top Plaster, and have shown that this construction gives four times the protection of wood lath and plaster.

UNITED STATES GYPSUM CO.
NOBUCKLE
PLASTER LATH
CHICAGO, ILL.

Provides Heat, Cold and Sound Insulation

The insulation value of gypsum is well known to architects and engineers. A building on which NOBUCKLE is used as a plaster base takes full advantage of this insulation value, will cost less to heat in winter and is cooler in summer.

Sound tests have shown that NOBUCKLE and plaster is over 3½ times more soundproof than wood lath and plaster construction.

Adds Strength to Your Walls

Wood lath is only a skeleton on which to hang plaster. It provides no strength to the plaster.

There is no mechanical "key" when plaster is applied to NOBUCKLE PLASTER LATH, hence material is not wasted for "keys" or "drop-



In case of fire this wood lined flue is a menace. Note waste of plaster behind lath.

Other Advantages of NOBUCKLE PLASTER LATH

Uniform in Size

NOBUCKLE provides a plaster base of uniform quality, factory made, in convenient sizes, assuring rapid and easy application. Every board of NOBUCKLE is exactly alike, while wood lath is of many grades and varying quality.

The smooth, uniform surface of NOBUCKLE PLASTER LATH enables the workman to apply a uniform thickness of plaster, assuring maximum insulation and fire protection. Then, too, window and door frames fit snugly, which adds to the good appearance of the finished job.

Prevents Stains and Ruined Decorations

A short time after plaster is applied over wood lath, streaks will begin to appear along the lines of the lath, causing an unsightly appearance. Wood lath are apt to contain rosin or pitch, which will work through the plaster and stain the surface, both of which ruin the decorations.

With NOBUCKLE there is nothing to cause stains or discolorations of the plaster. There are no open spaces in NOBUCKLE PLASTER LATH, so streaks will not appear.



NOBUCKLE will not burn, and acts as a fire stop. No plaster wasted.