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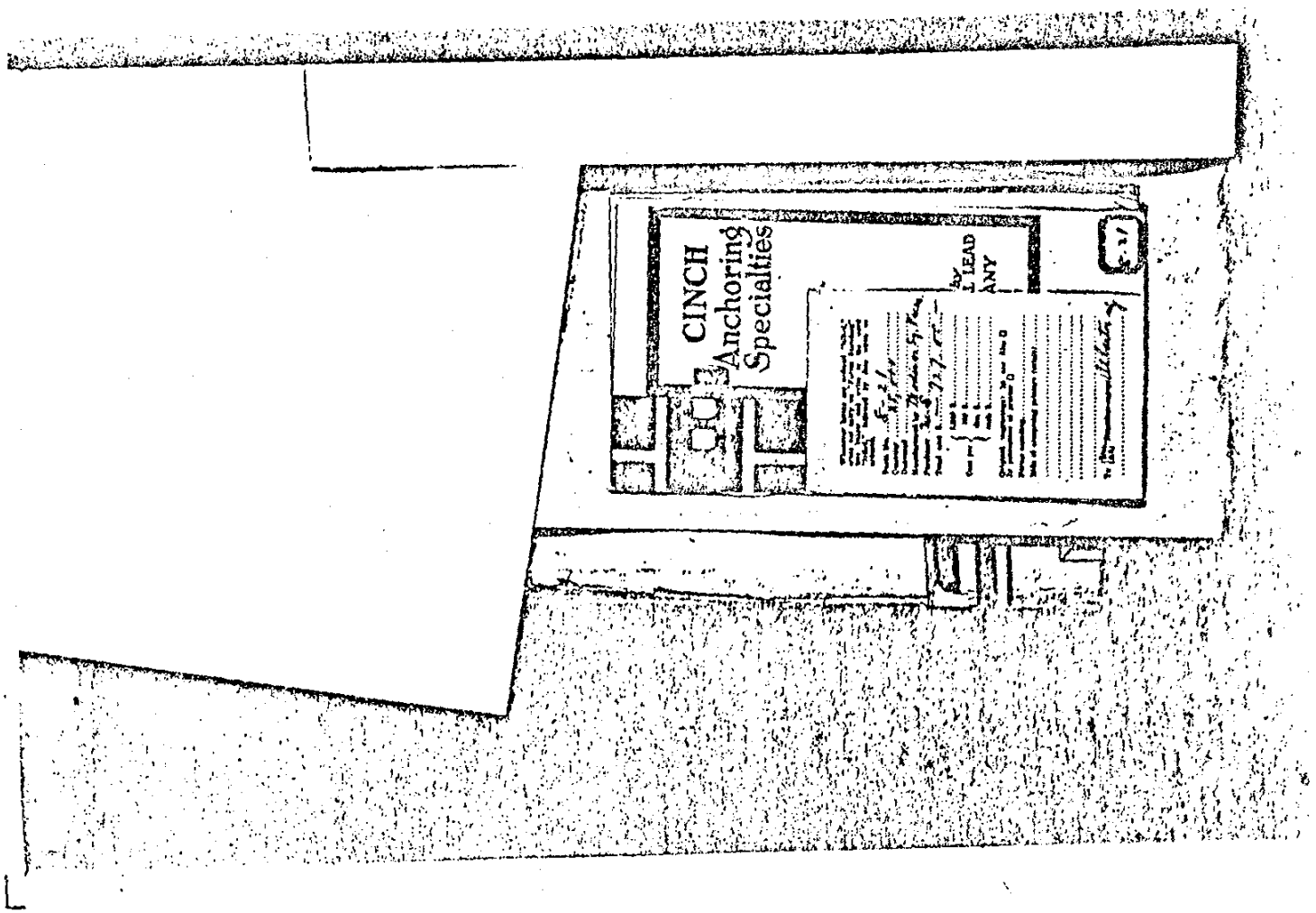

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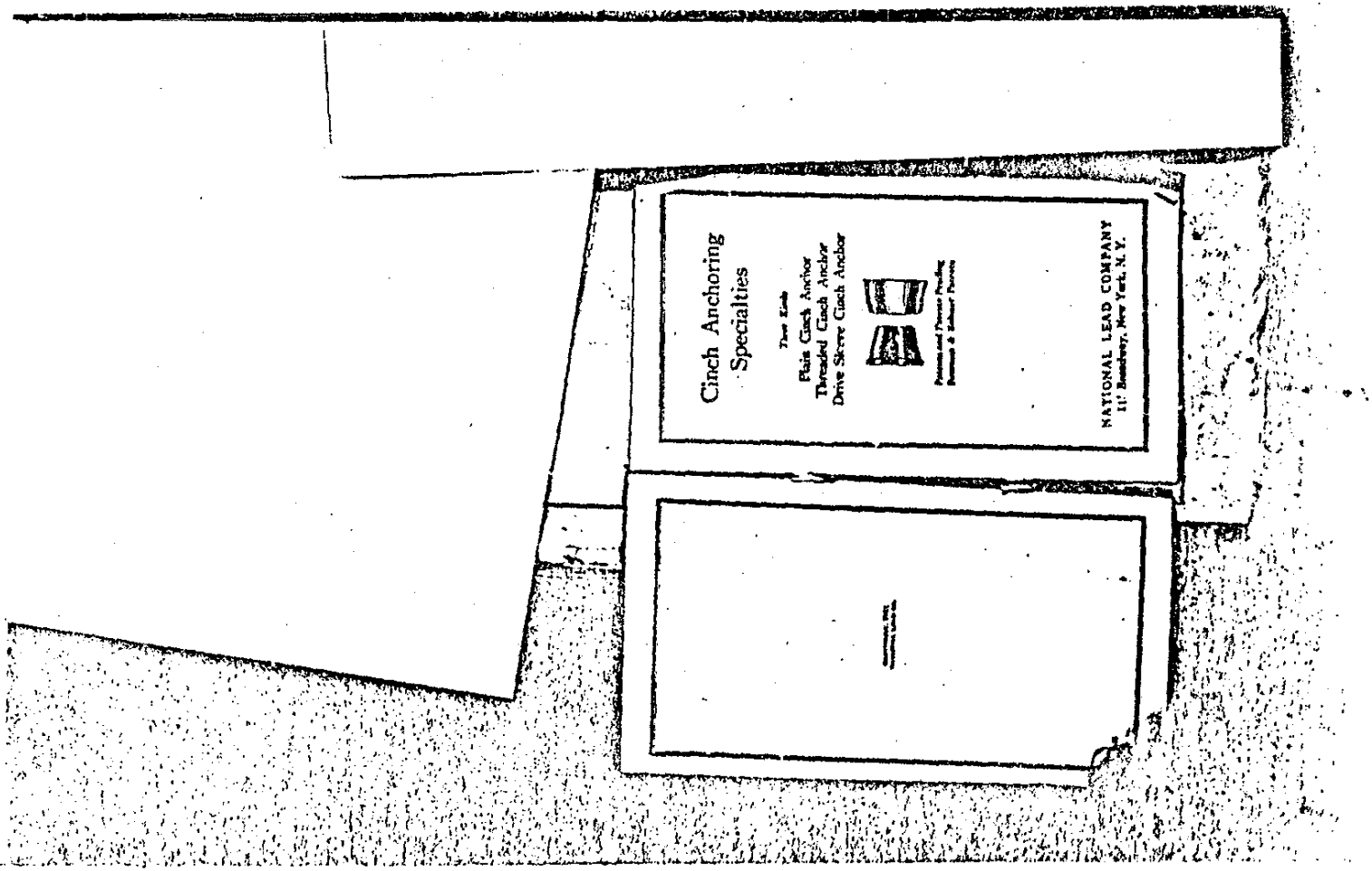

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## Points of Superiority

### *1—Stronger than the Strongest Bolt*

Cinch anchoring specialties give the only anchorage guaranteed to hold beyond the tensile and shearing strength of any wrought iron or steel bolt, as well as the breaking strength of the nut. They will not crush or otherwise mar the face of masonry. Vibration will not loosen the grip of the anchorage.

### *2—Cut Drilling Costs*

Cinch anchoring specialties require a hole of less depth than any other expansion device, affording a great saving of labor and time in drilling, and a substantial saving of material because of the shorter length of bolt needed.

### *3—Easy to install in Any Position*

Cinch anchoring specialties are easy to install in any position. They can be set in masonry with the head of the bolt out of or in the hole. Expansion can be completed before work is fixed into place and bolted fast.

## Cinch Anchoring Specialties

THE principal employed in constructing the Cinch anchoring specialties is scientifically sound. It is based on the wedge, the screw and the lever.

A Cinch anchorage bites quickly and positively. Properly installed, it simply cannot pull out or work loose. Its lead-composition parts get a complete surface grip, filling even the shallowest irregularities in the wall of a hole. As the pull increases, the push against the side of the hole increases more than proportionately on account of the wedging action of the iron cones. The greater the load sustained, the stronger the hold obtained.

A Cinch anchorage can be used on any machine bolt or machine threaded attachment device. It consists of two or more lead-and-iron expansion units, as explained below. A two unit anchorage is sufficient to carry ordinary loads. The smallest Cinch anchorage, ½ of an inch, has carried a weight of over one thousand pounds in numerous tests.

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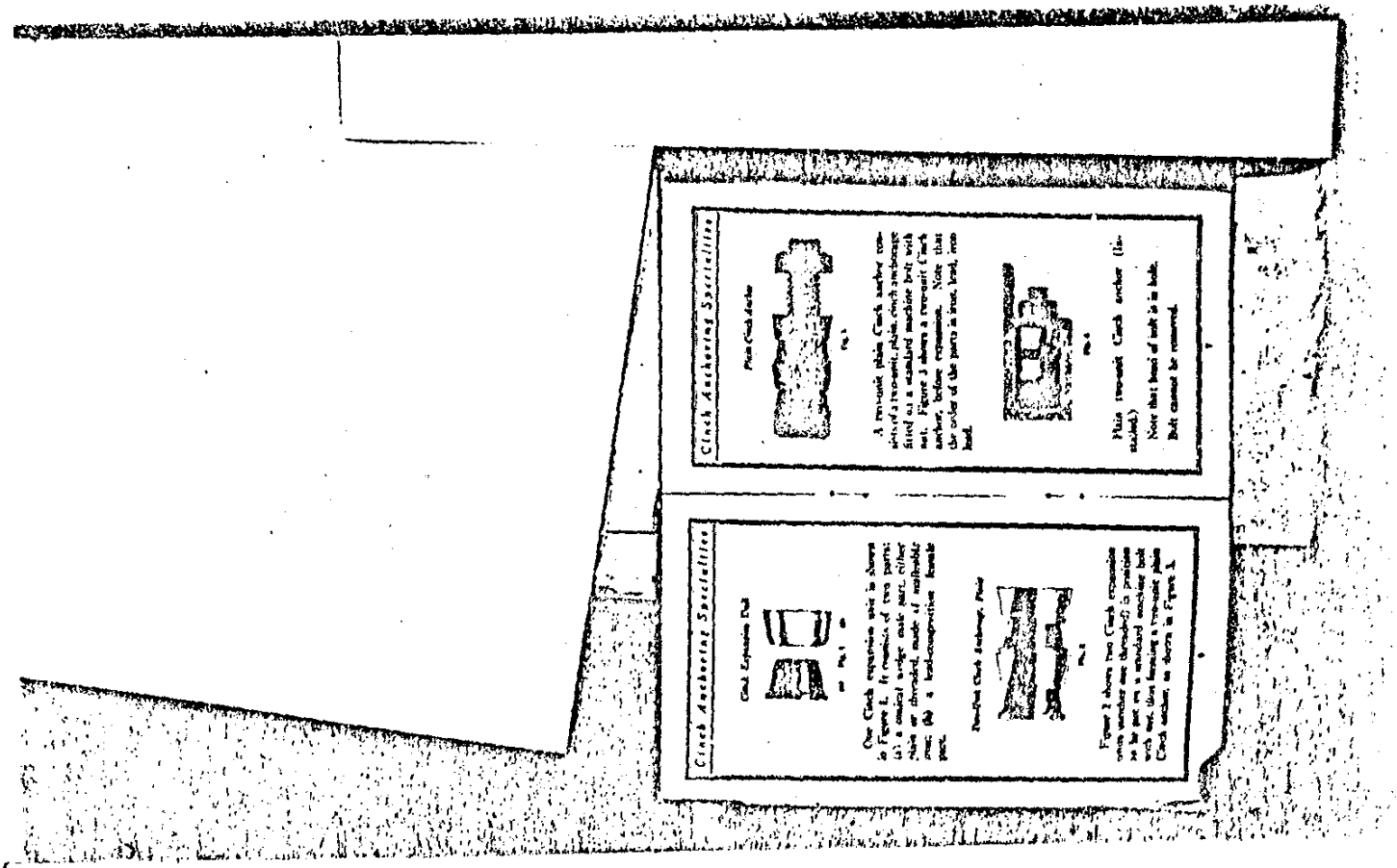

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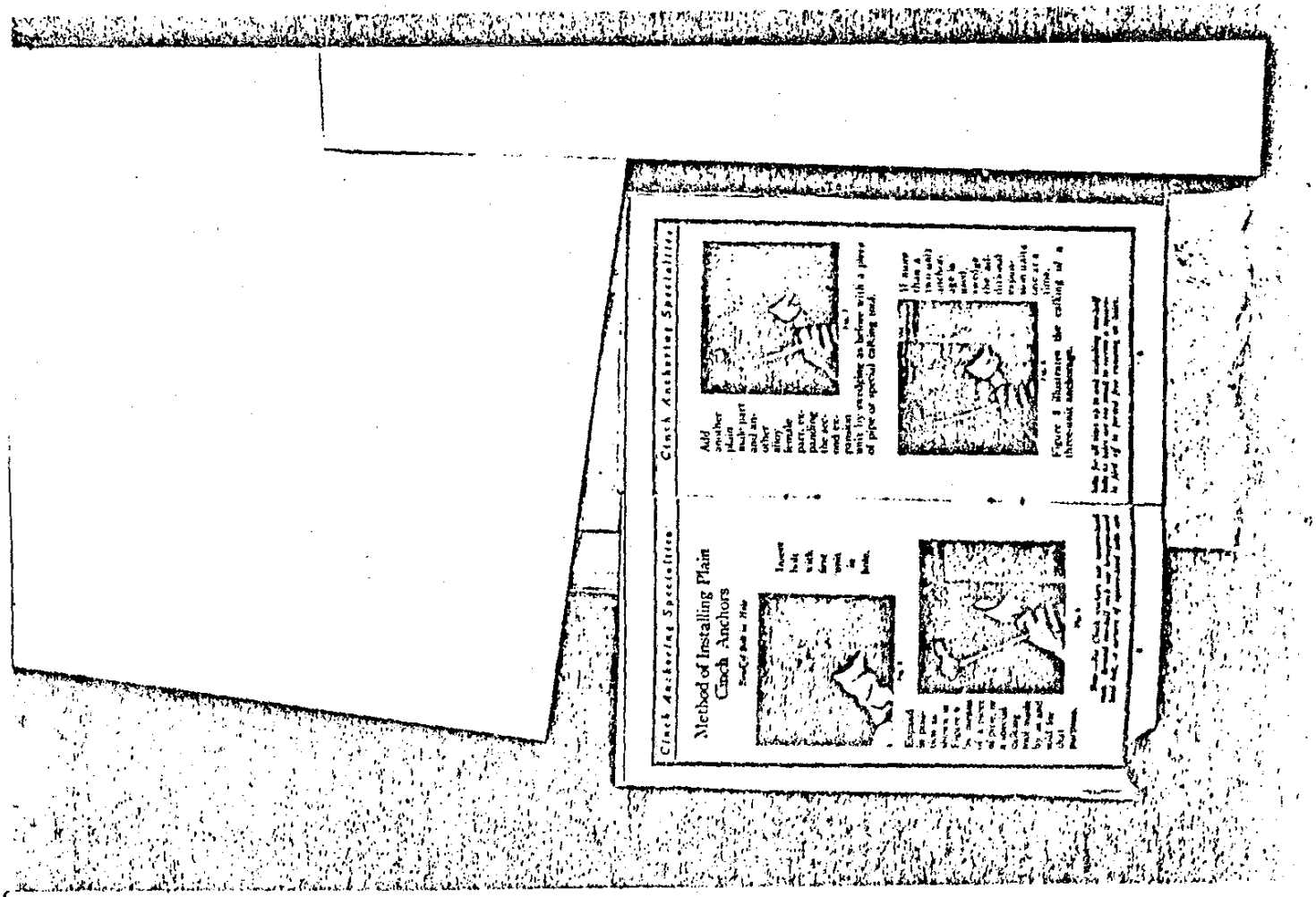

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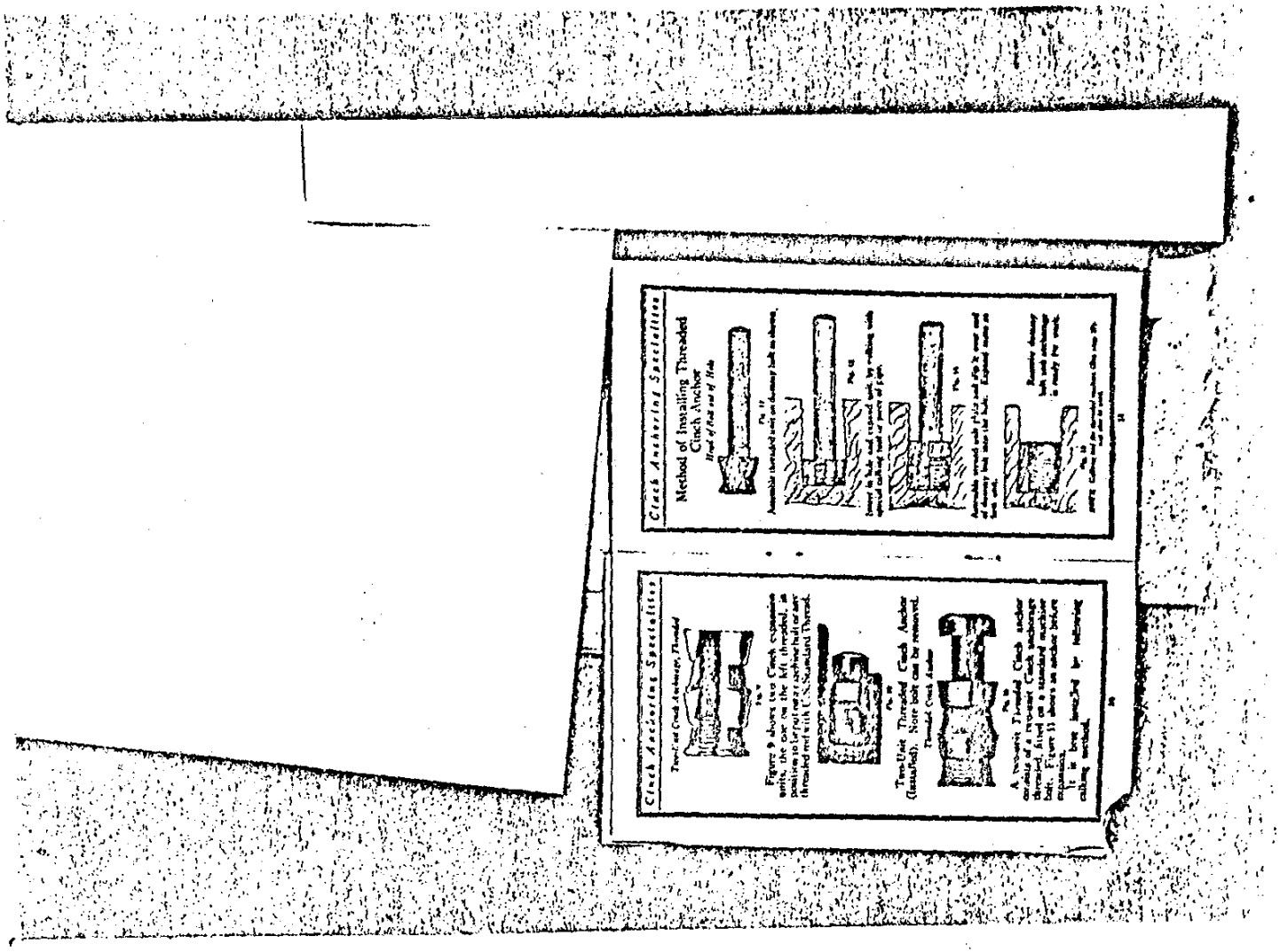

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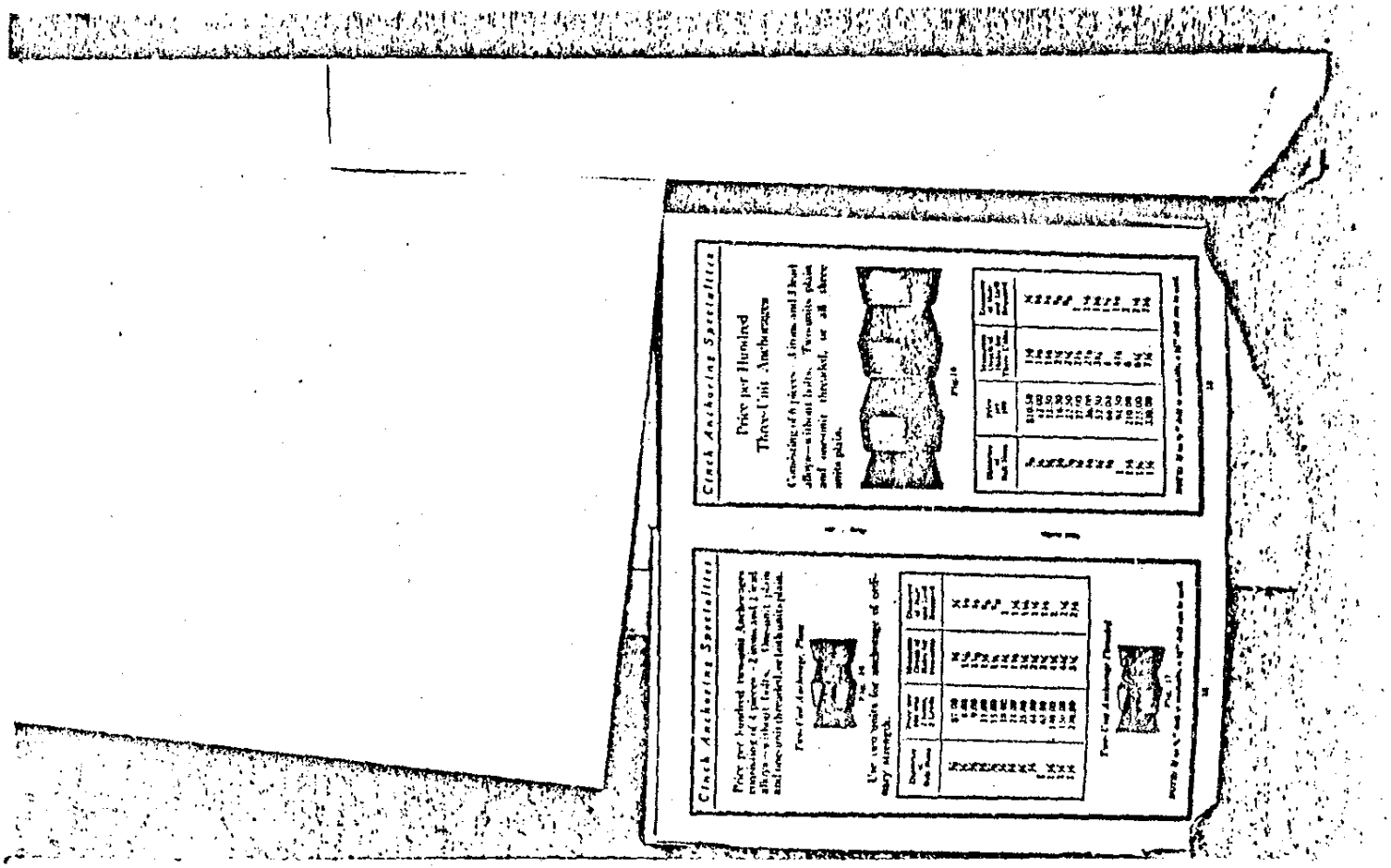

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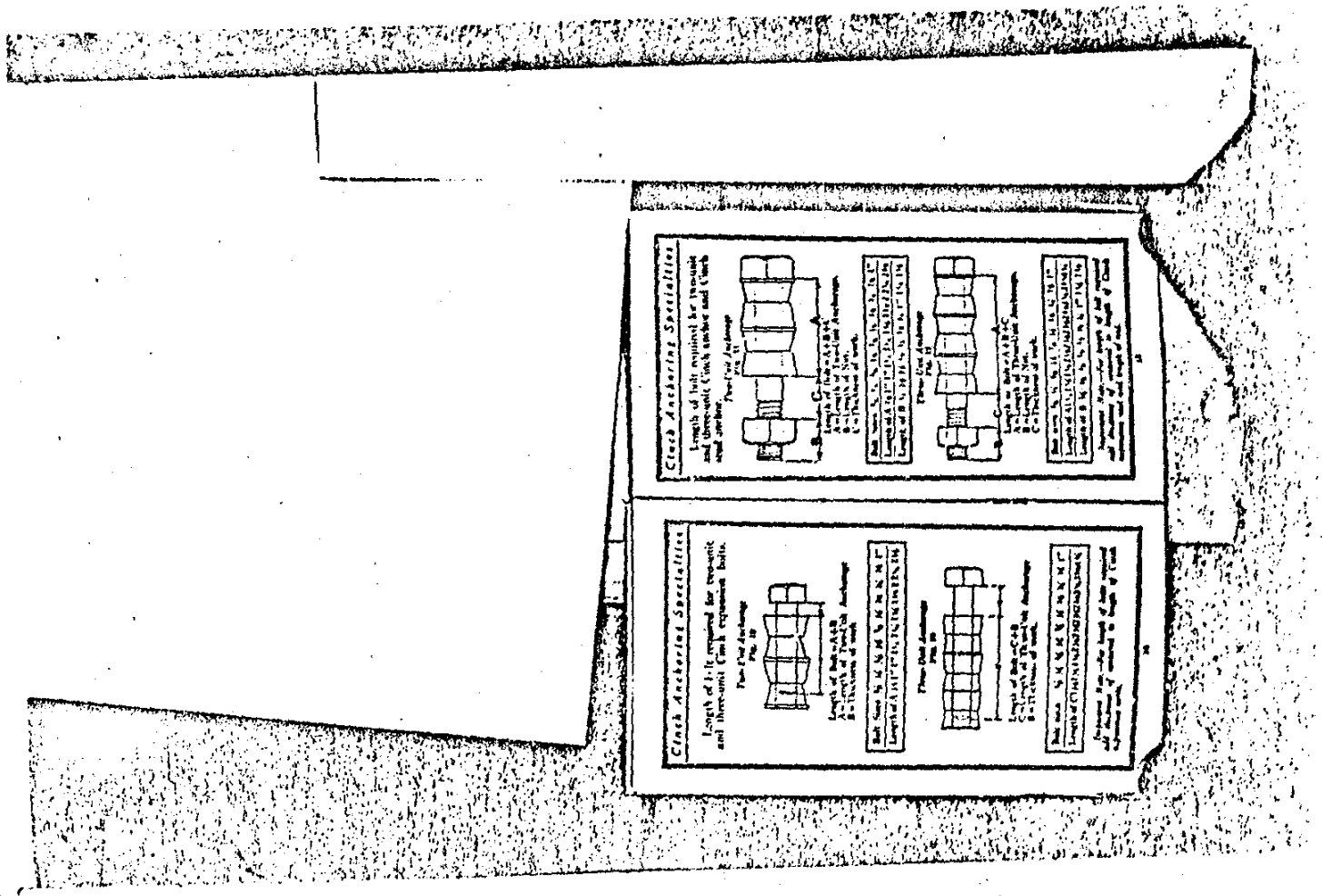

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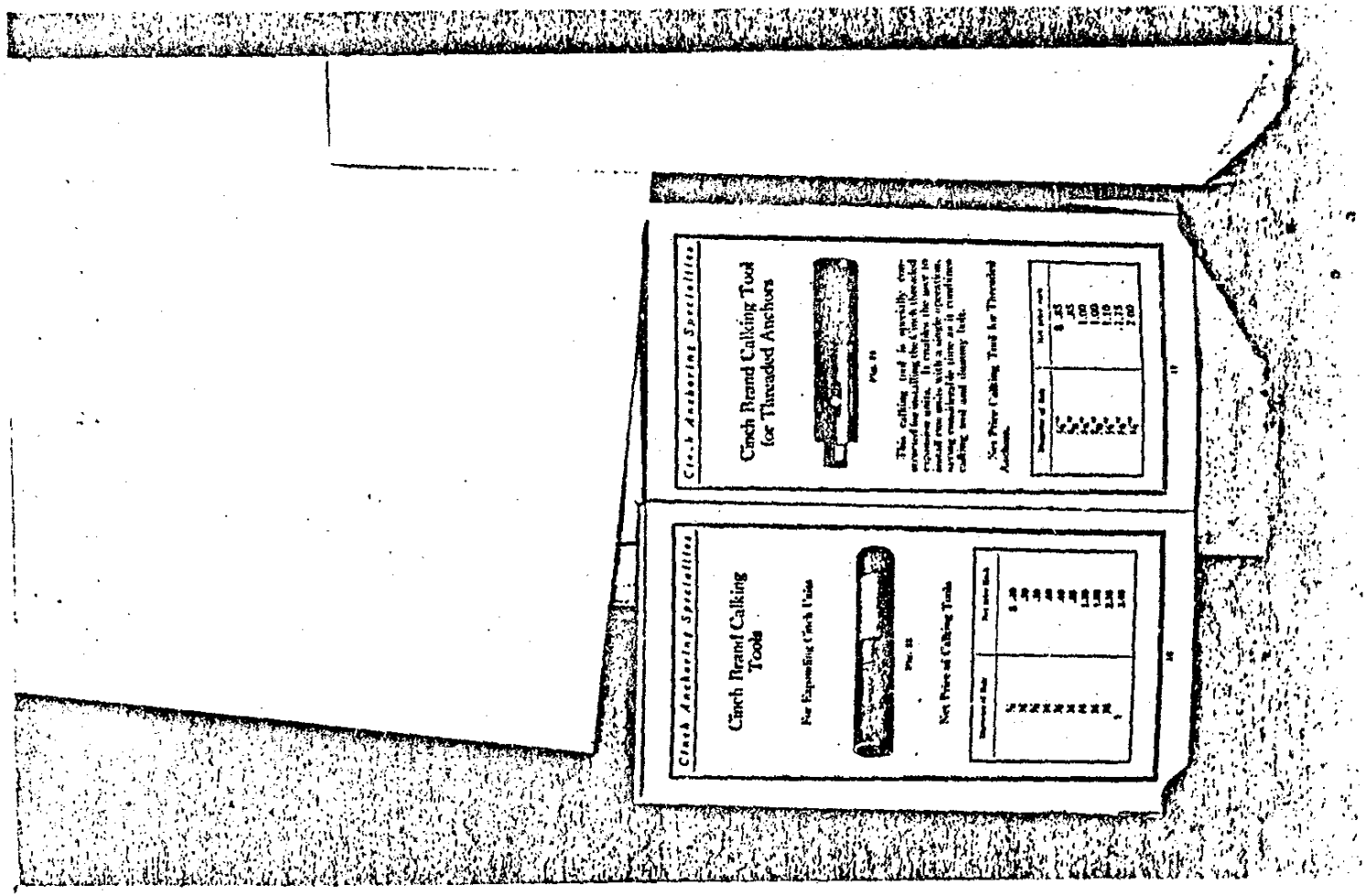

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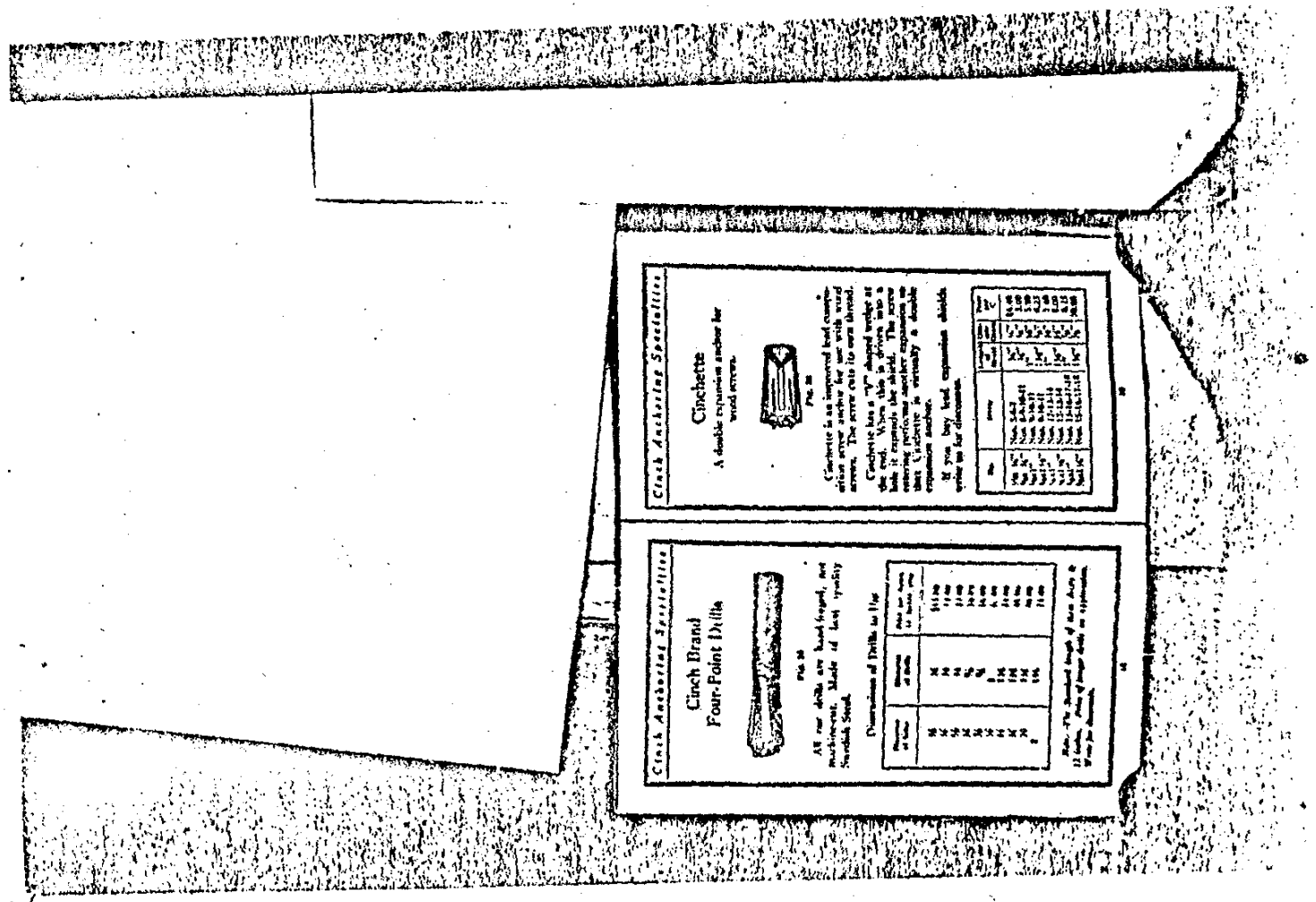

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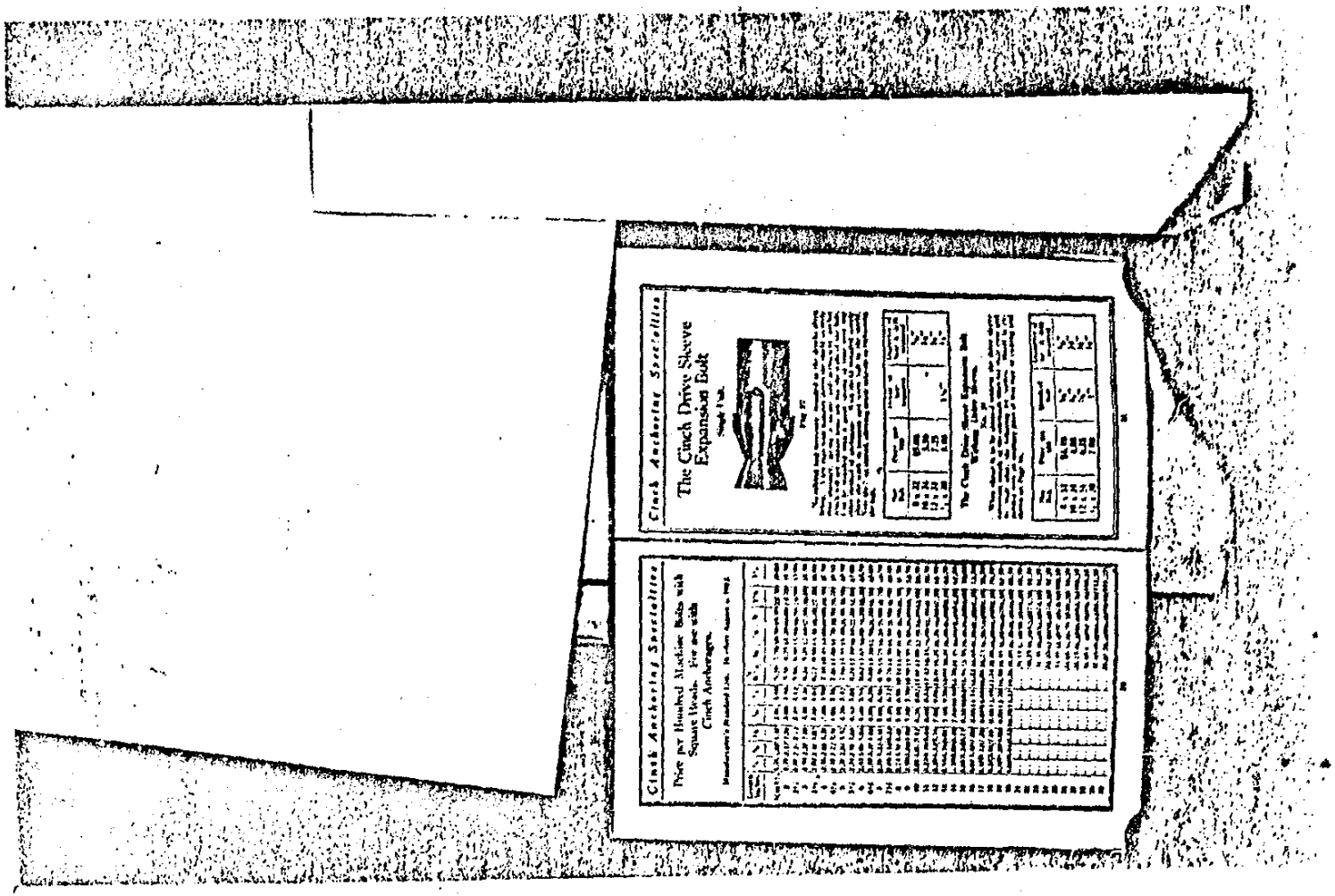

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