

COLUMBUS STATE BANK!

COLUMBUS, NEB.

CASH CAPITAL, \$75,000

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HENRY LUERS, DEALER IN

CHALLENGE

WIND MILLS, AND PUMPS.

Buckeye Mower, combined, Self Binder, wire or twine.

Pumps Repaired on short notice

One door west of Heinz's Drug Store, 11th Street, Columbus, Neb.

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COFFINS AND METALLIC CASES

AND DEALER IN Furniture, Chairs, Bedsteads, Bureaus, Tables, Safes, Sconces, &c. Picture Frames and Mouldings.

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Be Warned

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FARMER'S HOME.

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ALYON & HEALY

HAMILTON MEADE, M. D., PHYSICIAN AND SURGEON.

WEIGHING WOOD.

The Strength of Various Kinds of Wood—How to Estimate Lumber.

How many people know the weight of common woods or their hardness? The hardest of all woods is the shell-bark hickory, the least hard of woods for ordinary use is white pine.

Below hickory comes oak and ash in hardness. Cedar is not very hard.

Wild cherry comes about half-way between hickory and white pine.

White-oak weighs over forty-four hundred pounds, while a cord of white oak weighs but little over eighteen hundred pounds.

Suppose you are going to ship lumber on the railroad where they may charge you so much per hundred pounds; it is important to know the weight of the lumber you order.

Every thousand feet of seasoned lumber in ash you have 3,550 pounds. In oak not much more, or 3,675 pounds.

Hickory, however hard, does not weigh when seasoned as much as pine, pine or even maple.

Suppose you have a chimney and want to know the number of bricks it will take.

If your chimney is sixteen inches square and the flue eight inches square, it will take thirty bricks for every foot of height in the chimney.

The largest timbers required in a house are the sills, and these are not often larger for ordinary houses than seven inches by eight.

Posts to correspond will run four inches by six, the tie-beams run about four by seven, and the rafters four by five.

A great many people do not know how to estimate lumber in any form.

The basis of lumber is called board measure. One foot in board measure is a board one foot long, one foot high or wide, and one inch thick.

Therefore one thousand feet of lumber can be imagined to be a board one inch thick and one foot wide and long, multiplied by one thousand.

Plank measure is based upon board measure, and a plank differs from a board in being of any width whatever.

A board twenty feet long and one foot wide will contain twenty feet of lumber, but a plank two inches wide and the same length as the board will contain forty feet of lumber.

When you come to board measure, you will find that a cubic foot of lumber, if you look at such timber in the board yard you will find it marked at the end in Roman characters to correspond with the number of cubic feet in it.

The most common lumber is twenty feet long and two inches by ten wide and thick, such as make girders, only thirty of them will make one thousand feet of lumber.

Board measure. So that you can see the reason of the expensive woods for hard-wood joints, for example, which cost, perhaps, \$50 to \$60 per thousand, you may estimate by that sum for thirty joints, or say, \$2 per piece.

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A PRECIOUS GEM.

The Finding of a Great African Diamond and Its Transportation to London.

An Amsterdam correspondent tells the story of the immense African diamond, weighing 457 carats in the rough, which is in process of being cut by Mr. Jacques Metz, one of the largest diamond-cutters of that city.

It is said to have a somewhat curious history, and though its exact birthplace is only a matter of conjecture, it is known that it was found by somebody in one of the four mines of Kimberly, in the Cape Colony, South Africa.

It is said that in June or July of last year one of the surveillance men of the Kimberley Mining Company in the Kimberly mine found the stone, and, being exempt from search, carried it through the searching-house unperceived, and sold it to four irregularly dressed men.

These men were taken to the police station, and the new owners had a night of drinking and gambling, which ended in a quarrel.

The two owners of the stone, who were named Laverne and De la Rive, had reached Cape Town, where they found a dealer who readily paid them \$25,000 for the stone.

There is an export duty on diamonds shipped from Cape Colony, and the dealer who bought the stone appears that this stone was smuggled out of the colony by a passenger on the mail steamer and brought to London.

where its presentation at Hatton Garden, the great diamond market, was arranged by the Cape Colony manager to form a company of eight persons, who bought the stone between them for \$250,000.

On condition that the seller or seller should receive a fifth share of the eventual profits. The real value of the stone has been estimated at London at above \$1,000,000.

The stone, which is named the 'Cullinan,' is said to be the largest of the rough stones of the world, weighing in the rough 457 carats, and said to be a white and pure color, and of a brilliant and perfect cut.

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