Ask

About

Us

this beautiful

electric lamp.

colonial, bruss

or Romanesque

Murano shade,

NEWS OF THE BUSY HOME BUILDERS

ROUGH CEMENT FOR FINISH

Unique Exterior Used on New Home on North Side.

CHARACTER IN ARCHITECTURE

Dwelling Should Reflect Personality of the Owner in Style, Says One of Omaha's Archi-

design. It is finished in rough cament, with half timbers after the style so commonly seen in England and on the continent, particularly in France and Germany. The roof of this house is a gambrel and the windows upstairs are fitted with small is of shingles stained a pretty tint of light green. The interior is of colonial design, the colors being chiefly light browns and ambers, with some dark yellow. The large living room opens from the hall. There low liard room is especially novel in its finish. There is a handsome frieze above a narrow shelf running all around the room at a height of about six feet. It is furnished in mission style.

"A home should reflect the personality of the owner," said a local architect. "There is too much of a tendency to fail in with the various styles of architecture. regardless of whether they are suited to the persons who live in them. When I say house ought to reflect the personality of the owner L of course, mean it should called Puzzelan cement, and it has been reflect the personality of the people living defined as a product obtained by intimately in it. A dainty little house with plenty and mechanically mixing without subseof 'gingerbread' isn't suitable for a big quent calcination powdered hydrates of husky couple or for the cottage of a lime with natural or artificial materials, farmer. It is more suited to a poet, musi- which generally do not harden under water clan or some such person. On the other when alone, but do so when mixed with hand a house built of rock and with all hydrates of lime; the materials mentioned its lines firm, solid and bulky, is not fitting which are mixed with the hydrates of lime for a musician or artist, but rather for a being in the case we have under considersuccessful man of business, an engineer ation, furnace slag. or some such person. A big house on the Moorish lines, with broad porches and overhanging homelike eaves is most fitting for a family in which there are many

growing around the house, even in winter used to any extent in building operations. in this latitude. The Christmas rose, if Natural cement, as its name implies, is planted on a southwest slope, where it is made of the materials as they occur in protected from the east and north winds, nature without any daily laboratory ascerwill often bear flowers. The crocus and taining and fixing of proportion. ing of the beauties of the resplendent obtained with it. summer garden,

People today seem to have a rage for old-fashioned furniture." said a local he made by burning lumps of chalky clay dealer. "But they have not the knowledge stones, finely pulverized the clinker, and to distinguish between the genuine and the called it "Roman cement" because its color many clever imitations which are being was very similar to that of the lavas in made to meet the demand. For example, the vicinity of Rome. After a few years' take corner cabinets. We had some genuine investigation and repeated experiments cabinets of this kind, but they had solid under Parker's process, qualities of pulverdoors. Nearly everybody wants a cabinet fixed limestone were mixed with clay in with glass doors, and the manufacturers certain combining proportions calcined in masquerade as the genuine have put such doors on the cabinets. As a matter of fact, the old cabinets were manufactured with solid doors. Those cabinets are the genuine and yet the people won't buy them."

A looking glass inserted in a closet door is a novelty in a bedroom where wall space is largely taken up by windows and doors. The glass is in the door of a closet and it has the advantage of economizing space. beautifying the door itself and furnishing a glass which can be moved by merely pushing the door to and fro, thus throwing the light wherever it is desired.

The creation of four handsome houses out, of no other materials than sand and 1828, to formulate the first theory of the tion of Portland cement sprang form 8,coment has been accomplished at the cor- action of ingredients and their proper ner of Nineteenth and Clark streets. The process of building them has been rather slower than that of erecting the ordinary house, but the results accomplished have proven entirely satisfactory to the build- field for a quarter of a century afterward, was 50,027,321 barrels, valued at \$54,015,712. ers. The cost, too, has been remarkably and each trial resulted in an improvement Of this total 45.619.822 barrels were Portland, low. A shanty was erected on the site and on the production, till an excellent quality valued at \$51,240.652. Three million nine the artificial stone was made right there, was established, and a commendable stand- hundred and thirty-five thousand two hunset out to dry, and as soon as it was hard ard attained between 1855 and 1890. It was dred and seventy-five barrels were natural ing the stone in the right place it was tity of Portland cement was made for the rels were Puzzolan cement, valued at fell below the actual value and remained to George B. Patterson of the Pacific Exnecessary to move it only once in the general market in England and on the \$412.921. process of conversion from raw material to a place in the wall. The making of the stone was begun while the excavating perfectly private, nothing being visible to down at the polls. And yet our state has was being done. When this was completed and walled up with solid cement. the first stone was "ripe" and ready to be which is quite fitting to a hall located as put in place. The manufacture continued then from day to day about as rapidly as the stone could be placed, thus keeping the supply just right.

An Omaha contractor expresses the belief that there will be a large increase in the amount of brick used for building purposes in homes next year. His reasons for this belief are the fact that brick is plentiful now and the price is low. It is but this has been put to so great use, and there is so great a demand for it from all directions, that he believes there will be a reversion to brick. Brick can be placed in a building with considerable effect architecturally, and its wearing qualities in the union," said E. A. Sullivan, a large have been tried with time and have not raiser of hops near Portland, who is stopbeen found wanting in any respect.

A house being erected in the west part of the city is decidedly novel in its arrangement, as well, as in the fundamental idea on which the builder has erected it. The int lies about twelve feet above the street level. The problem to be dealt with therefore, was either to build the house on the lot and have a flight of steps leading to it rom the stricts or to excavate the super fuous ground and have the clay banks for a close range view from the windows. Either plan was undesirable. The steps. as well as the bare slay bank, would have been unsightly.

The builder, with the ald of an architect. was desirable, and now the house is nearly finished and is proving a thing of beauty. The plan was merely to set the first floor of the house on the level of the street This was done, building it of brick. In front there is a pretty, broad porch, with artistic trimmings of wrought from From From the reception hall stairs lead to the living room above. The interior finish is beautiful and on this main floor there is a perch in front and one at the side. From this floor one can step directly into the spacious want which is, of course, on a level with this floor. The house has the additional advantage of having the main rooms Origin and Use of Portland Cement

Portland cement, as ordinarily classified, continent, and but very little for experta-

is of three kinds, viz.: I, true Portland ement; 2, slag cement; 3, natural coment. The Association of German Portland brought to the United States and con-Manufacturers has given a definition of stituted the greater portions of such ce-

Portland cement in a practical manner, as follows: "Portland cement is only such an article as is, made by calcining a thorough mixture, consisting essentially of calcareous and clayey substances, and then grinding same to the fineness of flour." One of the pretty homes just completed This means that true Portland cements in the north part of the city is of a novel are obtained by burning to the point of incipient vitrification either hydraulic lime stones or mixtures of argillaceous limestones and afterward grinding the product

to a fine powder. For example, Atlas cement is made of cement rock and limstone at North Hamppanes of glass and they awing on hinges ton, Pa. Buckeye cement is made of Maryinstead of pushing up and down. The roof land clay at Bellefontaine, O. Lehigh cement is made of marl and limestone at Mitchell, Ind., and in Lehigh Valley, Pa. These materials are mixed in a definite absolute proportion, and all the cement mills have chemists in charge of laborabookcases line the wall, and above them is tories, who determine the proportions of a narrow shelf on which pieces of old- the materials that are being used from fashioned pottery are displayed. The bit- day to day, and thereby mamtain a standard of cement as nearly as possible of the perfect mixture.

The following is given as being a typical analysis of a good commercial Portland

Silican, 31 per cent to 24 per cent.
Alumina, 6 per cent to 5 per cent.
Oxide of iron, 2 per cent to 4 per cent.
Lime, 57 per cent to 6 per cent.
Magnesia, 1 per cent to 4 per cent.
Sulphuric acid, 1 per cent to 3 per cent.
Water and carbolic acid, 1 per cent to 3

The second kind of cement mentioned above, namely, slag cement, is sometimes

This cement resembles Portland in its properties, but it is more like natural cement. It is not as perfect or true a cement and is not suitable for use in air nor in sea water, but when mixed properly works well in fresh water. It is not as There are flowers which are suitable for reliable as true Portland cement and is not

snowdrop are good winter plants. The As may be expected, as materials are winter irls grows to a height of only about taken directly from the ground, burned six inches. It is a beautiful plant, blotched and ground into a cement, the cement itself with dark and pale blue usually. Plants will vary as the rock varies in nature, so of this kind, if set out in the proper season, that the natural cement is not as reliable, make the winter pass with scarcely a miss- although some very good results can be

In 1790 Joseph Parker introduced a cement as nearly like modern Portland cement as any used in those days, which klins and ground very fine. This made cement which was called "Portland" by Joseph Apsdin, a brick mason of Leeds, England, who manufactured and named it because of its close resemblance in color in the English channel, out of which St. Paul's cathedral, the Eddystone lighthouse of Smeaton and other prominent strucent royal for his hydrautic mixture. Many problem. experiments were made about this time by English and French engineers in producing ommand the attention of the builders; but no permanent results were obtained by

It was reserved for a German chemist, in combining properties to make a true Port. 1966. land cement, since which time valuable

material could be depended upon. Other pioneer investigators entered the

passeraby on the street. The reception hall is floored with tile,

this one, though it would not be suitable for an ordinary reception hall. The space behind the reception hall is for the laundry and the furnace room. At the rear there is an areaway for lighting and ventilation. This is walled up and surmounted by an fron railing on the level of the ground. The cellar is, therefore, thoroughly well lighted.

NEW RIVAL FOR MR. BRYAN true that the supply of cement is also good, Governor Chamberlain of Oregon is Boosted by Hop Raisers of Portland.

> "Out in Oregon the democratic party cuts probably less ice than in any other state ping at the Rome botel. "They hold con- to learn that the mire way to core a cough

Nobody is Too Old



PRETTY HOME OF MRS. C. B. HORTON AT THIRTYSIXTH STREET AND WOOLWORTH AVENUE

Merry

Buy a

Art

eing crushed in either case and then thoroughly mixed, after which they are then ground to extreme fineness, thereby becoming thoroughly mixed. It is then ready to pass through the kiln, which is nearly always at the present time of a rotary nature and consists of a steel cylinder five feet to six feet in diameter and about sixty feet in length. The cylinder is lined with fire brick and slightly inclined and revolves slowly. The raw material is fed in at one end, sub-

from the lower end of the kiln as a clinker, and is then ready to pass to the final grinding, which produces cement as used in a commercial way. The manufacture of Portland cement, the proper manipulation and mixing of materials and the testing of the product, have now reached a very advanced stage, and has been reduced to as much of a science

jected to great heat, and is discharged,

From this date up to 1875 increasing

amounts of foreign "Portland" were

ment used in this country by the archi-

tects and engineers. About this decade,

1879 to 1889, a domestic product began to

come into competition with the imported

article, and has now almost displaced the

David O. Saylor was the first manufac-

turer of Portland cement in the United

States, at Copley, Pa., about the year 1872.

Two processes, known as the wet and dry, are used in mixing of the materials

for Portland cement, the material first

foreign manufacture.

as any other building material we have. Cement should be ground very fine in order to secure the best results. When cement is ready to be used and is mixed with a sufficient amount of water to bring it to a paste, it soon loses its plastic nature and finally reaches a p

where it can not any longer be handled without producing a rupture. This change of condition is known as setting and may be considered as separate from hardening of the mixture. Setting usually takes place within a few hours, while hardening is continued for months and years. The time of setting is again divided into the time of initial setting and final setting. The time of the setting of cement depends upon the time of year largely, setting more slowly in cold weather than in warm. The initial setting generally takes place in thirty minutes to a hour and final setting within four or five

Developing test for tensile strength of neat cement is for: Twenty-four hours, 200; seven days, 689; twenty-eight days, 799; onths, 799; six months, 799; one

The growth of the industry of cement manufacturing is simply marvelous-as statistics tell us that in 1882 the total output of Portland cement was \$2,000 barrels. known, and the value of Pertland cement concrete as a structural material was not field, and concrete, where it was used at all, was confined almost wholly to feundationand underground work. The output of Portland cement in periods of five years are as follows: 1885, 150,000 barrels: 1890, 235,000 barrels; 1895, 990,000 barrels; 1900, 8,450,000

barrels; 1905, 38,000,000 barrels. In 1897 and 1898 there came a great shortwere introduced and engineers is for a steady advance. tures of England were built. In the fall of tural possibility, and its adoption was con-

At this period the production of Portland cement in this country had reached a cementing material that was expected to 8,450,000 barrels per annum. In the succeeding five years, however, the popularity of concrete and the confidence of the public in its properties were demonstrated in a most astonishing manner, for the produc-450,000 barrels in 1900 to 36,000,000 barrels in

The total production of all kinds of hydraulic cement in 1906, including Portland, natural rock and Puzzolan cement, enough was placed on the walls. By plac- not until 1860 that any considerable quan- rock, valued at \$2,962,140. And 481,224 bar- as it were, and prices on Ohiaha real estate

> out there it is good fellowship. He has a There is no inflation." strong personality, is a good mixer, a fine orator, able and honest, and so we all liked an able administration his first term that we paid him the compliment of voting for him for a second term. His administration suppose he lives too close to the jumpingoff place ever to be chosen for a presidential candidate. But the democrats could go further and fare worse than by nominating our governor. George E. Chamber-

Give the whole family a Christmas

beautiful Canopy for the dining room

Ask about

this one-There's a special price on It's a dandy, too, 6 lights-24-inch

spread

Exclusive Lamp Designs

Time does not fade the beauty of the truly artistic rlong association with an object which possess this characteristic brings a fuller appreciation

of its perfection. And we love instinctively the article which shows the master touch - that attribute in which lie individuality and charm.

In the great Eastern shops-factories which we represent exclusively artist workmen have fashioned into entrancing forms their beautiful conceptions for the Evening Lamp. Every one is a realization in metal of an artistic life thought, and the story is told but once---there are no duplicates,

The sentiment of the evening lamp---best illustrated in our display of these distinctive forms---will afford interest for those who value exclusiveness and individuality in selections for the Christmas Gift.

By Xmas Gifts-not soon but NOW The stocks are complete Buy suitable gifts from a reliable firm, buy of

Burgess-

Electric Light Fixtures

Wholesale and Retail Gas and

Granden Co.



Prices on Omaha Lots Are Now Low Enough.

At this time reinforced concrete was un- NO BREAK IN VALUES EXPECTED

dreamed of. Natural cement had the Dealers Give Rensons for Thinking that the Price of Real Estate is Not Going Any Lower.

value after the financial flurry and cause a and the buying and selling of property age in structural steel. Deliveries were so loss to buyers or will those who intend to constitutes a large and growing business uncertain and remote that engineers the buy be able to secure property for less there is no such a profession as 'real escountry over, were at their wits' end to money? This is the question which scores taters' in England, and the need for mortfind ways and means for fulfilling their are asking real estate dealers. But there gage loans is small. The land of England designs, and they turned at once to reinseems to be no possibility of Omaha real belongs to estates. It is leased for terms forced concrete to help them out of their estate going a cent lower than it is at of fifty years and loans on farms are dilemma. European systems of reinforced present. On the other hand the tendency not needed as they are in the United

to the Portland sandstone, from quarries generally began to study the subject from Asked concerning the maintenance of would kill the real estate business of the a scientific standpoint, with the result that prices, ten out of a dozen are confident country when they secured 75 per cent of by the year 1900 the steel concrete struc. that no decline is likely in Omaha property, the savings deposits of the country, as ture was recognized generally as a struc- as it is as low now in many instances as they have in Canada and the United Kingit was in 1886 and 1887, and in many in- dom." 1821. Apsdin, the inventor, obtained a par- sidered for every conceivable kind of stances the prices quoted on unimproved lots are less than twenty years ago. Few lots were offered in Omaha than forl ess attracted attention was that of J. C. Kinsthan \$700 and the \$1,000 lot was the average. ier, who sold to Fred Harris his seven and Lots in additions not as desirable in pro- one-half-acre tract in Henson. The deal was portion to the size of the city, sold readfly made by the O'Keefe Real Estate company. for \$1,000 to \$2,000 and the lot under \$700 Mr. Harris will convert the tract into a was out in the woods or far up the river, fruit farm and will erect a new home on Some of the prices quoted by real estate it next spring. The consideration mendealers in The Ree in November, 1888, are tioned was \$500 per acre. as follows: Lots in Sunnyside, \$1,300; south front lot in Capitol hill, \$5,000; fine lots in Hanscom place, \$1.050 to \$2,500; lot in Hill- half mile from the Benson car line was side No. 1, on Davenport street, \$2,869; lots sold by George & Co. to Edward Harrison in Bartlett's addition, \$1,300; lots, Shull's for \$2,000. The property belonged to John addition, \$1,900; McCandlish place, \$2,000; on P. Beattie. George & Co. has also sold a Virginia avenue, \$1,200, and Twenty-fourth lot between Forty-first and Forty-second and Burt streets, half a lot, \$1,000.

> I do not see any possibility of real estate has started a new home on the lot. declining," said Harry G. Jordan, secrea democratic governor, but of course he tary and treasurer of the Byron Reed comwas elected by republican votes. He is now pany. "The prices have advanced steadily serving his second term. We voted for him and have not reached an abnormal level. the first time because he is a mighty good. Almost any foot of real estate offered for fellow, and if there is anything we dote on sale in Omaha is worth the price asked.

Compared with prices of real estate in him and voted for him. He gave us such other cities, of even smaller size than Omaha, the prices asked for lots here are low. Real estate prices in Sloux City, only about a third the size of Omaha, are higher has been free from partisanship. He would in proportion than prices in Omaha. Mornmake excellent presidential timber, but I lngside is one of the popular suburbs of Sioux City. It is three miles and a half from the city and residents have never been able to see anything better than a twenty-minute car service. Lots in Morningride, which are destrable, sell for \$500 to 31,000, though it has always been a question whether they were worth the money With the best car service in Omaha, lots in the new Creighton addition, south of ventions merely as a matter of form and or cold is with Dr. King's New Discovery. Hanscom park, are selling at from 500 to put up straw men simply to be knocked be and \$1.00 For sale by Beston Drug Co. \$1.300, and they are much more desirable in comparison to anything which is of fered in the suburbs of Lincoln or Siour

When the Omaha Real Estate exchange

meets Wednesday, it may recemble a de-

bating society, with something more than an life question to debate. What effect a esolution of the exchange favoring or op posing the postal sayings banks would have on the administration at Washington is a master of conjecture, but the rea estate dealers of Omalia will not go on record one way or another without giving the subject some more attention than is usually given to the naming of resolutions favoring or opposing some measure. Two weeks ago J. L. Kennedy told the exchange of the advantages of the postal savings Almost every member present agreed with Mr. Kennedy at the time and a resolution would doubtless have passed. But Wednesday Henry W. Yates, president of the Nebraska National bank, addressed the exchange, and when Mr. Yates con cluded his address with the statement that if the postal savings banks were established in America there would be no real estate money, the real estate men would have voted down a resolution to favor the posted savings hanks. Mr. Yates told them that if the banks were established at all, deposits of \$100 or under should be the

estate business duller than in panic time i larger amounts were received on deposit With the pro and con discussed by two thie bankers, the real estate men will adopt resolutions of some kind Wednesday. The question of postal savings banks is vital to them, and the vote on the resolutions will be as though it settled the question finally.

"The argument that postal savings banks are a good thing for England does not make them good for America," said A. P. Tukey, discussing the probability of favorable resolutions being passed Wednesday, "There are different conditions in England with regard to the needs of mortgage money. While buyers of real estate Will Omaha real estate depreciate in in the United States need to secure loans States. I believe the postal savings banks

Among the sales of the week which have

A tract of seven and one-half acres a street on Burt, which belonged to the Misses Butterfield, to Dr. H. W. Wallace, Then the bottom fell out of everything. who will build a fine residence on it as soon as possible. The same firm has sold down for a number of years. The present press company a lot at Fifty-first and Unprices have been reached by steady growth, derwood avenue. Dundee, Mr. Patterson

> Girl Author of Black Hand Letters. NEWARK, N. J., Dec. 14.—Antoinette Baris, a le-year-old girl, is under arrest here on a charge of forgery and it is be-lieved she is the author of black-hand letheved she is the author of black-hand lei-ters which have been threatening residents of this city for some time. The letter which was traced to Antoinette, it is said, was written to a young sirl, who has collapsed because of the fright she suffered. An-toinette was arrested for forging the name of the young woman, who was teaching her dressmaking, to a check for \$40 and confessed the forwary. confessed the forgery.

UNLESS You Know

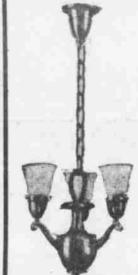
of a better and safer investment you should place your idle money in the safe coffers of this Association and let it work for you. Your pocket is a poor place to keep money, because the temptation to spend it is doubled while you have on your person. Better begin to lay up a little now and week by week drop in and deposit your sur plus cash here.

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