

RELIEF INSTRUCTIONS.

COUNTY CLERK'S OFFICE, Indianola, Neb., Dec. 10, 1890. To the citizens of Red Willow county:

Acting in compliance with the request of Governor Thayer and the Nebraska State Relief Committee the various officers of Red Willow county met at Indianola, Neb., Dec. 5th, and completed the organization of the Red Willow County Relief Committee, to be constituted as follows: Henry Crabtree, president; Geo. W. Roper, Secretary; Isaiah Bennett and Stephen Bolles, members of the committee. The various justices of the peace of Red Willow county were appointed distributing agents, each in his respective precinct; and in order to avoid confusion it is requested that the justices divide the precincts to suit themselves, so that each will only give orders for those residing in his part of the precinct. Indianola was decided upon as the headquarters for all relief that may come into the county. And ample room has been secured, rent free, in the brick building under Masonic hall. These supplies will be distributed only through an order from the justices of the peace to the relief committee. Supplies will be delivered on Wednesdays and Saturdays of each week. A receipt will be taken at this place from the party receiving aid—not for publication, but in order that the generous people who send these supplies may know to whom they were given and by what authority. It is not necessary for all to come here in person, but let one team come after supplies for several families living in the vicinity. The party who comes after supplies must have an order from a justice for each family and must give receipt for what he receives—this applies only to provision and clothing.

Arrangements have been made to send coal to McCook in care of Frees & Hocknell Lumber Co., to Indianola in care of Frees & Hocknell Lumber Co., to Bartley in care of C. W. Beck, to Lebanon in care of D. A. Waterman, to Danbury in care of W. R. Burbridge, who will deliver coal on receipt of justices' orders.

We expect to have supplies on hand here from this time on until spring at least. And we will do all that can be done toward furnishing seed in the spring, and we have no doubt that plenty of seed can be procured.

In a letter from Gov. Thayer to the county clerk he says: "I enjoin it upon you especially, to see that the supplies of every kind are distributed fairly among those who need them. You must not give anything to those people whom you know are able to take care of themselves. This is the only difficulty I meet with in regard to people giving. They say many persons will get a portion of the supplies whose circumstances are such that they do not need them but can easily take care of themselves. This is undoubtedly sometimes true, that people who have an abundance will profess to be in need and take portions of the contributions which should go to those who are in absolute need of them. I insist that you guard against any distribution of the donations to that class of people who though abundantly able to take care of themselves are willing to thrive at the expense of the sufferers. These human ghouls must be guarded against with all the vigilance you can command. The people are giving cheerfully and they only want the assurance that it will go to the destitute and the suffering. It probably is the case that many who are needing assistance live at remote points from the county-seat. It will be your duty to see that they are notified of the arrival of supplies at your place so that they can be ready to receive their share. I beg you to see that none who are in need are overlooked, but divide everything with an impartial hand. There must be no discrimination for or against any person in want. Divide the coal into small quantities. I earnestly advise you to make distribution through the justices of the peace in each precinct, as they will best know who are destitute. All accounts of receipts and disbursements will be subject to inspection when the relief work is completed."

And we earnestly request and insist that the justices do not give orders to persons who are able to take care of themselves.

RED WILLOW CO. RELIEF COM.
GEO. W. ROPER, Secretary.

POPULAR SCIENCE.

CELLULOSE.

A Remarkable Substance Obtained from Coconut Husk.

One of the most remarkable products of French ingenuity is a fibrous substance called cellulose, which, by some secret mechanical process, is obtained from the ordinary coconut husk. When compressed its specific gravity is far less than that of cork—it is claimed, indeed, that it is the lightest solid known and, therefore, of peculiar value for life belts and life mattresses, while in large quantities its buoyancy would render a large vessel absolutely non-sinkable. It is adapted to the filling of compartments in a ship's side, in this way serving to prevent water entering through a hole made by a projectile or rock, for the simple reason that the instant the water enters the cellulose is expanded by it to an impenetrable tightness. It does not decay or emit any odor, and has been packed in a ship's compartments without undergoing change of any description. If, too, a mass of this cellulose be penetrated by a projectile, it will not be ignited by the friction.

It was thought that the welding of iron by electricity had considerably simplified the machinist's and foundryman's labor, but a cement has recently been invented which bids fair to discount even electricity. The cement is composed of equal parts of sulphur and white lead, with a proportion of about one-sixth of borax. When the composition is to be applied it is wet with strong sulphuric acid, and a thin layer of it is placed between the two pieces of iron, which are at once pressed together. In five days it will be perfectly dry, all traces of the cement having vanished, and the work having every appearance of welding, while the parts will be so effectually joined as to resist the blows of a sledge-hammer.

The question of fuel is always an important one to mechanics, and some experiments made with a mixed fuel of coal and petroleum on the Italian man-of-war Messaggio, at Spezia, are well worth attention. The Messaggio, which never before surpassed fifteen knots an hour, reached almost seventeen with the new combustion. The engineers complain that the intense heat generated injures the boilers, but that of course, can be met.

The "latest thing" in science applied to locomotion is found in a proposition of two German engineers for rapid transit. The means they propose to adopt is found in three continuous platforms moving along the streets side by side. The lowest of these platforms is four inches high and moves at a uniform speed of five feet per second. Any ordinary pedestrian can, they state, mount this platform from the ground without difficulty, and from this he can with equal ease step on to a second platform four inches higher than the first and moving twice as fast. The passenger thus acquires a speed of ten feet per second, and, stepping on to the third platform in the same way, he is carried at a speed of fifteen feet per second, or ten miles per hour, to his destination, where he steps off by degrees, as he got on.

SCIENCE CLIPPINGS.

THAT new German invention which enables the captain of a steamer to steer his ship from his bridge will be a great thing if it realizes present expectations. It involves the use of an electrical current, and is now having practical trial on some of the leading ships of the American navy.

The smoke over London is estimated to contain daily 250 tons of carbon, representing a coal value of \$11,287,500. The expense of this wasted coal, in cartage, street cleaning and repairs, cartage of ashes and the damage to property are reasonably estimated to bring the annual cost of London smoke up to \$4,600,000 or \$23,000,000.

A CHILIAN bark possessed of remarkable and valuable properties—the bark of Quillia saporaria—was lately exhibited to the Linnean Society of London. An extract of this bark has been used for cleaning silk, wool and gloves, but it is now stated to be capable of solidifying the hydrocarbon oils, even benzoline, and thus insuring safe transport. A small quantity of citric acid restores the oils to their liquid form.

A SIMPLE method of accurately cutting a bottle, says Golden Days, is to place it upon some level foundation and fill it with linseed oil to the point at which you desire the line of separation to occur. Then take an iron rod of as great a diameter as will pass into the bottle, make it almost white hot and dip it into the oil. After the lapse of a few moments a sharp crack is heard and the bottle is found to be as neatly cut as if with a diamond. If the bottle be very thick and the cracking sound not heard in a few moments, a little cold water thrown on the outside will accomplish the desired result.

The Long Distance Telephone.

Ithaca and New Haven are now connected, and Mr. A. S. Hibbard has in mind a novel test exhibit for this winter. He will try to have the Cornell and Yale glee clubs give simultaneous concerts in Ithaca and New Haven. The two concert halls will be connected by telephone, and then the Yale club will sing, and both the Ithaca and New Haven audiences will hear the music simultaneously. Then the Cornell club will sing in Ithaca and the New Haven audience will hear it as well as the one 400 miles away when the singing is taking place. Spice would be added to the entertainment if a joint debate between the Yale and Cornell navies could be arranged on the Yale-Cornell boating difficulties.

Mr. Hibbard, at his home in Morristown, received reports by telephone from New London during the last Yale-Harvard race. For the benefit of his guests he rigged up a couple of tin shells, each with its eight oarsmen, and by changing the relative positions of the boats at each report he kept his friends in high excitement for twenty-three minutes.

At the end of the race the cheers for Yale from the spectators on the banks of the Thames could be distinctly heard in Morristown.—N. Y. Times.

SECRET SOCIETIES.

Masonic.

The greatest Masonic demonstration that Chicago has ever seen will pass into history as that identified with the laying of the corner-stone of the great Masonic Temple.



November 6, 1890, will be a day long remembered by Masons in Illinois and the Northwest as the date when the craft assembled to put the formal seal of their approval on the greatest enterprise ever undertaken in the history of the craft. Nearly every lodge in Cook County was represented in the great procession. Thousands of Knights Templar were in line doing escort duty. Many of the chief Masonic dignitaries and great lights of the craft in the State and Nation were present to participate in the ceremonies and attend the Mystic Tie banquet given at the Sherman House in honor of the occasion.

The structure, when complete, will be the highest ever erected in the world for permanent occupancy, and will be provided with all the accommodations that modern skill or invention can supply. It is expected the building will be ready for dedication during the progress of the world's fair.

In nearly every State in the Union there is a Masonic veteran association formally organized, the members of which meet annually or oftener to spin yarns and enjoy a feast, a pipe and a flowing bowl. The hoary-headed and bald-headed craftsmen of Illinois assembled in annual session last week at "Smith's Inn," this being the name by which the handsome residence of General John Smith, of Chicago, Past Grand Master of the State, is known to the veterans, who, with their wives and daughters, meet annually to indulge in feasting, music, speech and song.

About one hundred and fifty Ancient Masons and their wives were on hand at the recent meeting and letters of regret were received from many distinguished Masons throughout the world, among which were interesting communications from W. J. Huger, Toquay, Eng., the Masonic historian; Benjamin Dean, Boston, Past Grand Master of Knights Templar in the United States, and George W. Speth, Secretary of Quatuor Coronati Lodge 2,076, of London, Eng.

The Grand Council, Royal and Select Masters of Illinois, at the recent session held in Chicago elected the following officers for the ensuing Masonic year: George W. Warville, Chicago, Most Illustrious Grand Master; J. Le Ferre, Gibson City, Deputy Grand Master; M. U. Trimble, Princeton, Grand Conductor, and Gil W. Barnard, Chicago, Grand Recorder. No business of unusual importance was transacted, and the session closed in "peace and harmony."

Capitular Masonry in Illinois thrives and grows more popular and prosperous as each recurring annual session comes round. The recent meeting of the Grand Chapter at Chicago was better attended by royal craftsmen than ever before. Of the one hundred and seventy-six chapters in the State one hundred and seventy-one were represented, and there was an unusually large attendance of past grand officers and visitors. No disturbing questions were presented and the meeting was, mostly, devoted to the transaction of business. The grand officers elected for the coming year are: E. C. Pace, Ashley, Grand High Priest; Jacob Krohn, Freeport, Deputy Grand High Priest; Richard T. Higgins, Vandalia, Grand King; J. W. Hutchinson, Greenfield, Grand Scribe; Wiley M. Egan, Chicago, Grand Treasurer; Gil W. Barnard, Chicago, Grand Secretary; Rev. E. B. Randall, Paris, Grand Chaplain; William L. Mullyan, Ottawa, Grand Captain of the Host; George M. Moulton, Chicago, Grand Principal Sojourner; Frederick C. Winslow, Jacksonville, Grand Royal Arch Captain. The report of the committee on foreign correspondence was from the pen of John M. Pearson, Godfrey, and was an able and instructive document.

The Masonic fair, which is now in progress at Baltimore, has aroused much general interest among the craft and citizens of the Monumental City. The object of the fair is to raise funds to pay the debt on the Masonic Temple, and it has, in this direction, been more successful than was at first expected. A handsome sum will be realized. The Canadian Masons are not given to much public display, but when they do turn out neither the dignity or prestige of the craft is liable to suffer. The ceremony of laying the corner-stone of a public building at Brantford, Ont., recently was made the occasion for a remarkable Masonic display, at which there was a notable gathering of prominent officers of the grand lodges of Canada.

Knights of Pythias.

The members of Iola Lodge, Dayton, O., are making very elaborate preparations to give a magnificent exemplification of the amplified third rank during the current month. The costumes and paraphernalia of this lodge are said to be the best in existence, and a fine exhibition of ritualistic work may be expected. The lodges of Cook County, Ill., are preparing to attend, and several thousand Pythians from various parts of the country will attend. Already \$1,500 has been provided for entertainment.

It is understood that Past Supreme Chancellor Lincoln, of Pennsylvania, will be appointed on the board of control of the Endowment rank to succeed Dr. Holland. The appointment will give general satisfaction both East and West.

The Dear Girls.

Ethel—it is not good form to throw kisses at a man, however well acquainted you may be.
Maud—No, and besides there is no fun in throwing kisses.—Munsey's Weekly.

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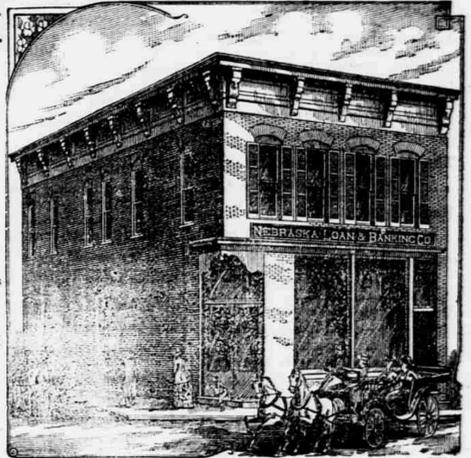
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