Daily Eagle

FINANCE AND COMMERCE.

MARKETS BY TELEGRAPH.

New York Money.

NEW YORK, August 25.

Money on call easy at 1@per cent.

Prime mercantile paper 4@6@5%.

Sterling exchange dull but steady at $4.86¾ for sixty day bills, and $4.88¾ for d mand.

Stocks very dull. The total sales of stocks today were 32,049 shares.

4s coupon	128½
4½s coupon	109¾
6s of '95	120
Missouri 6s	103
Chicago & Alton	138
Chicago, Burlington & Quincy	77
Lackawanna	140½
Erie	28½
Lake Shore	86½
Missouri Pacific	76½
North-western	113½
New York Central	106½
Reading	59½
Rock Island	116½
Union Pacific	53½
Wabash	14½
Western Union	82½

Chicago Grain and Produce.

CHICAGO, Aug. 25.—There was a badly mixed market on wheat today. Prices bobbed about according to the feelings of the crowd, without any apparent good reason for the actions and reactions. The early cables caused wheat to open about 1½c lower. A large share of the trade was ready for the reaction. In opposition to this element were the bulls, who took hold not to let go. These elements waged war all day, with the sentiment bullish one hour and bearish the next, but prices tending gradually lower except for one or two strong rallies. Shortly before the close prices were off 1¼c for September, 2c for October, and 2¼c for December. There was more caution about selling September short and it was easier to sustain. September sold at 89⅝c up to 90⅝c, down to 90⅛c, up to 90⅝c and back to 89⅝c. December sold between 89¾c and 90⅝c. Wheat closed fairly firm about 1⅛c under last night.

There was a fair speculative business in corn, the feeling developed being weaker and transactions were within a lower range of prices. The influences affecting the market were mainly local, the chief of which were the easier tone of wheat and the heavy receipts. The market opened ⅛c under the closing prices of yesterday, sold off in all 1@1⅛c, reacted some and closed 1¼@1½c lower on the nearer futures, and ½@⅝c lower on the more deferred deliveries.

Oats were easier, some shrinkage in values for cash and all deliveries occurred. The weakness in corn was to some extent influential in bringing about this change, but the demand in oats was also quite tame. There was ¼@½c decline in prices.

Fluctuations in provisions were again within narrow limits and there was not much in the market throughout. October pork closed at the top, $14.05, an advance of 12½c per barrel over last night. Lard rested at $8.27½ for October, 5c lower than yesterday.

The leading futures ranged as follows:

ARTICLES.	Opening.	Highest.	Lowest.	Closing.
Wheat—				
August	.....	90⅛	90	89⅞
September	89⅝	91	89⅝	89¾
October	90¼	90⅝	89½	89½
May	93¾	93⅞	93	93
Corn—				
August	45⅞	45½	44⅝	44⅞
September	45⅝	45⅝	44⅝	44¾
October	44⅞	44⅞	44⅛	44⅛
May	42¼	42⅝	41	41¾
Oats—				
August	25⅛	25¼	24⅞	25
September	24⅝	24⅝	24⅛	24⅛
October	24¾	24¾	24⅛	24⅛
May	28¾	28⅞	28⅛	28⅛
Pork—				
August	.....	.....	.....	13 05
September	13 90	13 95	13 80	13 85
October	13 90	14 05	13 90	14 05
January	13 20	13 40	13 20	13 20
Lard—				
August	.....	.....	.....	7 30
September	7 30	7 30	7 22½	7 30
October	7 35	7 37½	7 25	7 25
January	7 10	7 12½	7 10	7 10

Cash quotations were as follows:

FLOUR—Firm and unchanged.

WHEAT—No. 2 spring, wheat, 89@89⅛c; No. 3 spring wheat, 86@88c; No. 2 red, 91½c.

CORN—No. 2, 46⅝c.

OATS—24½c.

RYE—49c.

FLAXSEED—$1.26.

TIMOTHY SEED—Prime, $1.50.

PORK—$13.90@13.92.

LARD—$7.30@7.32½.

WHISKY—$1.10.

ARTICLES.	Receipts.	Shipments.
Wheat	57,000	381,000
Corn	174,000	81,000
Oats	140,000	143,000

BUTTER—Quiet and unchanged.

EGGS—Firm, northern, 16½@18c.

New York Produce.

NEW YORK, August 25.

WHEAT—Unsettled and quiet, closing weak; No 2 red, 94½ elevator.

CORN—Dull and weak; No. 2, 52½@53c elevator.

OATS—Easier but slow; mixed, 26@34c; white, 38@44c.

COFFEE—Steady; sales, 22,750 bags.

SUGAR—Fair demand and steady.

EGGS—Fair demand; 16@18c.

BUTTER—Strong; 16@20c.

CHEESE—Firmer; 5@8½c.

Kansas City Produce.

KANSAS CITY, Aug. 25.

WHEAT—Higher; No. 2 red, 76½c bid, 77½c asked.

CORN—Steady; year 29½c.

OATS—30½c bid, 31½c asked.

FLOUR—Fair demand and firm; XX, 90c; XXX, $1.00@1.05; family, $1.00@1.20; choice, $1.50@1.60; fancy, $1.60@1.65; extra fancy, $1.80@1.85; patent, $1.75.

CORN MEAL—85c.

CORN CHOP—Yellow, 80c.

SHIPSTUFF—40@45c.

BRAN—50c.

HAY—Firm; $6.00@6.50.

FLAX SEED—$1.05.

BUTTER—Supply exceeds demand; creamery, fancy, 18c; good, 16c; dairy, fancy, 14c; store packed, 12@13c.

CHEESE—Twins, 10c; Young America, 11c.

EGGS—Weak, 10c.

LIVE CHICKENS—Weak; $2.00@2.75; roosters, $2.00.

TURKEYS—8c per lb.

SUGAR CURED HAMS—12½c.

BREAKFAST BACON—11@c.

DRIED BEEF—9c.

DRY SALT SHOULDERS—$7.75; long clear, $8.25; clear rib, $8.50; short clear, $8.75.

SMOKED SHOULDERS—$8.50; long clear, $8.12½; clear rib, 8½c; short clear, $8.50.

PORK—$13.00.

LARD—$8.00.

St. Louis Produce.

ST. LOUIS, Aug. 25.

FLOUR—Quiet and unchanged.

WHEAT—Dull and lower. Cables reported fine weather, and sharp declines at other points brought out enough selling to break prices 1@1½c. Under active buying there was a rally, late cables were dull and weak but the C—— was well up with yesterday's. No. 2 red cash, 91@91½c; August, 90@90½c, closing 90½c; September, 91½@91⅝c, closing 91½c; October, 92½c, closing 92½c nominal; December, 94@94½c, closing 94½c; May '89 at 98c, closing 98½c bid.

CORN—No. 2 cash, 45½c; September, 45½c, closing 45½c; October, 45½@45⅝c, closing 45½c bid; year, 40½@40⅝c, closing 40½c bid; January 40½c, closing 40½c bid; May 43½@43¾c, closing 43½c.

OATS—Strong and active. No. 2 cash, 25½c; August, 24½c; September 24½c; May, 27½@28½c.

RYE—48c.

HAY—Still overstocked; prairie, $6.00@8.50; timothy, $11.00@14.50.

BRAN—Lower.

LEAD—Good consumptive demand; common $4.35 chemical hard, $4.40; refined $4.42½@4.45.

FLAX SEED—Higher, $1.25.

BUTTER—Firm; creamery, 16@20c; dairy, 14@16c.

EGGS—Good stock in demand at 15c.

WHISKY—Steady, $1.14.

PROVISIONS—Firmer.

PORK—$13.75@14.00 for job lots.

LARD—Prime steam nominally $8.75@9.00.

Kansas City Live Stock.

KANSAS CITY, Aug. 25.

The Live Stock Indicator reports:

CATTLE—Receipts, 2,000; shipments, none. Strong and active for good, especially cows and dressed beef; shipping steers 5@10c higher; grass range, 10c higher; cows 10@15c higher; good to choice corn fed $4.00@5.30; common to medium, $3.20@4.15; stockers and feeders, $1.60@3.00; grass range steers, $1.80@3.25; cows, 1.25@2.75.

HOGS—Receipts, 1,700; shipments, 475. Strong and 5c higher; good to choice, $5.25@5.30; common to medium, $5.05@5.20; skips and pigs, $4.00@5.00.

SHEEP—Receipts, 400; shipments, none. Strong for good to choice at $3.50@4.00; common to medium slow at $1.50@3.00.

St. Louis Live Stock.

ST. LOUIS, Aug. 25.

CATTLE—Receipt, ——; shipments, ——. Market strong; heavy native steers, $5.00@5.35; fair to good, $4.40@5.25; butchers' steers medium to choice, $3.00@4.30; stockers and feeders, fair to good, $2.50@3.60; rangers corn fed, $3.30@4.60; grassed, $2.25@3.60.

HOGS—Receipts, ——; shipments, ——. Market firm; choice heavy and butchers' selections, $5.30@5.35; packing, medium to choice, $5.20@5.40; light grades, ordinary to best, $5.00@5.30.

SHEEP—Receipts, ——; shipments, ——. Market steady; fair to choice, $3.00@4.50.

Chicago Live Stock.

CHICAGO, Aug. 25.

The Drovers' Journal reports:

CATTLE—Receipts, 2,500; shipments, ——. Market strong; 10@15c higher; beeves, $4.75@6.35; steers, $3.70; stockers and feeders, $1.80@3.00; cows, bulls and mixed, $1.50@3.80; Texas cattle, $1.75@3.60; western rangers, $1.50@3.50.

HOGS—Receipts, 6,000; shipments, 3,000. Market steady; mixed, $5.30@5.55; heavy, $5.40@5.50; light, $5.30@5.40; skips, $4.00@5.10.

SHEEP—Receipts, 2,000; shipments, 700. Market steady; natives, $2.30@4.25; western shorn, $3.75@4.00; Texans shorn, $3.00@3.75; lambs, $4.00@6.00.

RAILROAD TIME TABLES.

ST. LOUIS & SAN FRANCISCO R. R.

TRAINS.	ARRIVE.	LEAVE.
Going West, pass. (stop at Wichita	6 50 A M	.....
Going West, pass. (run through	5 05 P M	5 15 P M
Going East, passenger	10 00 A M	10 10 A M
Going East, passenger	.....	9 20 P M

City Union Ticket office, 122 North Main street, and Union Depot, Oak street.

KANSAS MIDLAND RAILWAY.

Going North, pass. (daily)	.....	8 30 A M
Going north, freight (tri-weekly	.....	6 00 A M
Going south, pass. (daily	8 55 P M	.....
Going south, freight (tri-weekly	5 00 P M	.....

City Union Ticket office 122 North Main street; Union depot, Oak street, and Wabash avenue depot

WICHITA & WESTERN R. R.

Going West, pass. (daily except Sunday	.....	7 20 A M
Going west, pass	.....	3 00 P M
Going west, freight	.....	8 45 A M
Going east, pass	9 40 A M	.....
Going east, pass. (daily except Sunday	3 40 P M	.....
Going east, freight	12 45 P M	.....

Union Ticket office 122 North Main street, and at Union Depot, Oak street.

W. D. MURDOCK, Freight & Pass. agt., 122 N Main.
F. J. HILL, Supt, cor 4th and Douglas.

ATCHISON, TOPEKA & SANTA FE R. R.

NORTH AND EAST.		
Texas express	9 20 P M	9 30 P M
Eastern express	8 25 A M	8 30 A M
Colorado and California express	4 50 P M	4 55 P M
SOUTH AND WEST.		
Texas express	7 50 P M	7 55 P M
Pachaulie express	6 50 A M	7 00 A M
Express	10 45 A M	10 50 A M

City Union Ticket office, 122 North Main street, and Union Depot, near Oak street.

MISSOURI PACIFIC R. R.

Fort Scott, Kansas City, St. Louis and eastern ex	7 05 A M	11 40 A M
Fort Scott, Kansas City, St. Louis and eastern ex	3 00 P M	8 05 P M
Conway Springs, Anthony and Kiowa ex	10 45 A M	7 30 A M
Conway Springs, Anthony and Kiowa ex	7 45 P M	3 15 P M
Hutchinson, Sterling and Geneseo ex	11 15 A M	7 25 A M
Hutch., Kanopolis, Pueblo and Denver ex	7 45 P M	5 30 P M

All trains run daily

Depot Second and Wichita street; ticket office 127 North Main street.

E. E. BLECKLEY, Passenger and Ticket Agent.

CHICAGO, KANSAS & NEBRASKA R. R. "ROCK ISLAND ROUTE."

GOING NORTH AND EAST		
No 2 Kansas City, St. Louis and Chicago through mail and express, daily	9 10 A M	9 15 A M
No 4 Kansas City, St. Louis, and Chicago night express daily	9 25 P M	9 30 P M
No 12 accommodation, daily except Sunday	10 00 A M	11 00 A M
GOING SOUTH.		
No 3 Kansas City, St. Louis and Chicago ex, daily	6 00 A M	6 20 A M
No 1 Kansas City, St. Louis and Chicago through mail and express, daily	7 15 P M	7 35 P M
No 11 accommodation, daily except Sunday	7 15 P M	7 15 P M

Elegant free reclining chair cars on morning trains, and Pullman sleepers on all night trains. Tickets sold and baggage checked through to all points. City ticket office, 250 East Douglas avenue. Passenger station, corner Douglas and Mead ave.

C. A. RUTHERFORD, Ticket Agent.

Wichita & Valley Center Motor & R. R. Co.

Motor for Valley Center will leave Thirteenth street at 6:30 a. m., 10:20 a. m., 2:20 p. m. and 5:20 p. m.

Leave Valley Center for Wichita at 8:30 a. m. and 12:20, 4:20 and 7:20 p. m.

Cars will leave Douglas avenue for car works, connecting with motor, every hour from 6:00 a. m. till 8:00 p. m.

Wichita & Valley Center R. R. cars leave post-office, week days at 6:00, 10:00 a. m. and 2:00, 5:00, 8:00 p. m. Sunday at 8:00, 10:00, 12:00 a. m., 2:00, 4:00, 6:00, p. m.

Special rates made to Sunday schools. Office, rooms 1, 2 and 3, No. 213 North Main. Telephone No. 337. John Fisher, Manager.

Extra cars for excursions at all times. d12-tf

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322 West Ninth Street, Kansas City, Mo.
211 N. Market Street, Sedgwick Block, Wichita, Kansas.

Sheriff's Sale.

The Oliver & Imboden Company, Plaintiff,

The Steinhauser-Meckle Supply Company, Defendants.

By virtue of an order of sale issued by Hon. W. F. Walker, a justice of the peace in and for the city of Wichita, Sedgwick county, Kansas, wherein The Oliver & Imboden Co., is plaintiff, and The Steinhauser-Meckle Supply Co., is defendant, I will, on Tuesday the 28th day of August, A. D. 1888, at 2 o'clock p. m. at the Court House door, in the city of Wichita, Kansas, offer for sale, at public auction, to the highest bidder for cash in hand, all the right, title and interest of the defendant The Steinhauser-Meckle Supply Company in and to the following described personal property situated in the County of Sedgwick, State of Kansas, to-wit:

Three (3) buckets tobacco (twenty one (21) caddy tobacco (Honey Dew); six (6) caddies (Golden Thread); two (2) caddies Navy Clippings; one (1) wagon No. 1; one (1) wagon No 2; one (1) wagon No 3; five (5) boxes, 96 cans, baking powder, three (3) kegs saltpetre ninety-one (91) pounds mustard; nine (9) sacks shot; three (3) cases mixed pickles; one (1) case "Mourgede Imperial;" two (2) cases capers; four (4) cases bluing; twenty-one (21) pounds canned cocoanut; one (1) box bird seed; one (1) case soda; six (6) cans ground cinnamon; four (4) cases ground ginger; three (3) cases ground nutmeg; four (4) cases ground sage; one (1) case hops; five (5) cases candles; six (6) cases Gilbert's starch; thirty-four (34) cases canned pumpkin, and appraised at $[illegible].

Said personal property is levied on as the property of defendant, The Steinhauser-Meckle Supply Company, and will be sold to satisfy said order of sale.

Sheriff's office, Wichita Kansas, August 14th, A. D. 1888.

W. W. HAYS,
Sheriff, Sedgwick county, Kansas.
By T. F. BROWN, Under-Sheriff. 77-6t

Read, and Order What You Should Have, to Comply with the Law.

Each township trustee should have a trustee's record, road record, poor record and a full set of township records and other blanks, worth at least $5. Also some stationery.

Each township treasurer should have a treasurer's record.

Each township clerk should have a clerk's record and warrant book.

Each justice of the peace should have a civil docket, criminal docket, stray record transcripts, compiled laws of 1885, and a full assortment of blanks.

Each constable should have an assortment of blanks.

Each road overseer should have a road overseers account book, receipt book for labor, receipt book for extra work and a receipt book for material used.

The above should be furnished to the officers of each well regulated township at the expense of the township.

For sale at the EAGLE office. Orders promptly filled by mail or express prepaid. 48 tf w25-tf

Through Car Service, Wichita to Kansas City via the Santa Fe Route.

The Atchison, Topeka & Santa Fe have now in their night train service leaving Wichita at 9:30 p. m., the latest and most approved pattern of free reclining chairs. These cars will be run daily. In addition to this, Pullman service on morning train from Newton, and through Pullman cars daily on the 9:30 p. m. train to Kansas City, Atchison and St. Joseph.

W. D. MURDOCK,
Pass. and Ticket Agent, 122 North Main street, Union Depot and Douglas avenue station. d57-tf

Everybody Takes It.

The Chicago, Kansas & Nebraska railway (St. Joseph & Iowa Railroad Co., lessee), is the best equipped line west of the Missouri river. Our equipment was built expressly for this line by the Pullman Palace Car Company, which is a guarantee to the traveling public that it is strictly first class. You will find all of our coaches elegantly upholstered and very comfortable in every particular. If you are going to any part of Kansas or Nebraska, or to any point east, remember you will never regret having started right, by taking the Chicago, Kansas & Nebraska railway. (Rock Island Route). For further particulars address Jno. Sebastian, G. T. & P. A., Topeka, Kan. 66-tf

HOW GLASS IS MADE.

THE PROCESS VARIES WITH THE DIFFERENT KINDS.

Material of Which the Melting Pot Is Made—Coloring Done by Metallic Oxides. Bottles and Window Glass—The Blow Pipe—Plate Glass.

The process of making glass is exceedingly interesting, but it is also elaborate and not free from complication. It can, therefore, only be set forth in a brief and cursory manner. So intricate is the work in some of its departments that one is puzzled at the proficiency in the art in ancient times. The conclusion is forced upon us that in this, as in many other branches of industry, the workmen and artificers of remote times were in full command of many means and appliances of which we are ignorant. The composition of which glass is made, not to mention the fusing and finishing, implies a large amount of chemical knowledge.

What is this composition? Generally, it may be described as consisting of a certain number of silicates, such as soda, potash, lime, baryta, magnesia, alumina and lead, the coloring matter being obtained from iron, magnesia, cobalt, uranium, copper or gold. The composition, of course, is conditioned or qualified by the kind of glass which is wanted. The best glass is that which contains the minimum of uncombined silica. Bohemian glass of the harder kind contains the silicates of potash and lime in predominant proportions; of the softer kinds it contains, in addition, a notable quantity of the silicate of alumina. Soda and lime predominate in French plate. Potash and lead are the principal silicates in the ordinary flint or white glass. The lead gives density, softness, fusibility and brilliancy. The exact proportions, in different cases, of the different ingredients belong to the secrets of the glassmaker's art.

The process of manufacturing varies with the different kinds of glass. The first step in the process, however, is the same with all glass. The first requisite is the melting pot, the making of which is an art by itself. It is made of the purest kind of clay and consists pretty nearly of equal proportions of silicon and alumina. The mass, consisting also often of pieces of old pots, is worked up with water and then laid aside for three or four months. It is after that time made into pots—the work being of the most particular and laborious kind—covered at top and bottom, with an opening at the side. When thoroughly dried and hardened in the furnace, the pots are filled with the prepared material, called frit, mixed with a small quantity of cullet or broken glass. After some or ten or twelve hours, the heat of the furnace having been brought to the highest point, the pots are skimmed and the melted material is ready for what is called the journey. During the melting process the coloring is done by means of various metallic oxides. What is called finished glass is produced by another and different process. It is only superficially colored. Pot metal, when colored, is colored throughout.

When the material is thoroughly melted and skimmed and made ready for the journey the work of the blower, or molder, begins. Bottles and window glass—crown or sheet—are made by the blow pipe. What is known as plate glass and optical glass is cast; and the glass used for heavy domestic utensils is the result of a combined process of blowing and casting. The blow pipe to glassmaking plays precisely the same part which is performed by the potter's wheel in the manufacture of earthenware. It is an iron pipe smaller at the mouth end than at the other. In the manufacture of flint glass the pipe is heated almost to redness, then inserted into the pot of fused glass which adheres to it. By turning it round the workman gets as much metal as he requires. He then distends the glass by blowing through the pipe, and the glass being put into a mold he continues to blow until the desired shape is produced. In this way bottles are made, and also almost all articles for domestic use. Window glass is blown into the form of a cylinder. The ends of the cylinder are, after a cooling process, cut off. The cylinder is then slit by a diamond from end to end, and, being again heated, it is with much care and labor gradually flattened out.

Plate glass is made in a different manner. It is cast or pressed. When the material is melted and ready for use the pot is lifted out of the furnace by means of forceps and wheeled up to what is called the casting table, where it is seized by a crane and tackle, lifted and delicately poised so that it can be easily tilted. Such is the necessity for care and steadiness during the performance of this task that the men preserve absolute silence. After having been poured out upon the plate it is spread by means of a steel roller. By means of successive outpourings and successive rollings the glass can be made to any thickness. Where the machinery is less complete the liquid matter is lifted with a sort of dipper, which, like the blowpipe, is brought first to a red heat. As will be gathered from this description, the blowpipe is not needed in the manufacturing of plate glass. After the glass has been flattened out and brought to the requisite standard of thickness it is moved to the annealing room, and later it is subjected to an elaborate process of polishing.

Reference has been made to colored glass and the pot glass coloring has already been explained. Flashed glass, which has not yet been explained, is thus produced: The workman has two pots in equal conditions of readiness—the one containing colorless materials, the other containing colored material. He makes his first gatherings from the colorless glass and the last only from the colored pot. The consequence is that the glass when finished has a thin skin of colored material on the outside. For some ornamental purposes this flashed glass is found specially useful.

Much that is interesting might be added here concerning the cutting, grinding and engraving of glass, each of which is practiced in Brooklyn, and practiced with skill and success; but these belong to the adorning or decorating of glass rather than to the making of it. Much also might be written concerning glass painting.—"J. L. W." in Brooklyn Eagle.

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