

piney woods below. This will have to be continued until they penetrate the piney woods going eastward.—*Florida Sentinel, July 21*

Galena and Chicago Union Railroad.

The following is a statement of the income account of the Galena and Chicago Railroad Company, August 1st:

Surplus May 1, 1857, as per last annual report	\$153,720
Gross earnings in May	227,602
Gross earnings in June	250,025
Gross earnings in July	224,517
Total	\$855,865
Operating expenses	\$106,652 39
Do. in June ..	114,706 49
Do. in July, (estimated)	114,500 00
First Mortg. Bond Coupons, due August 1st.	70,000 00
Three months' accrued interest on the Second Mortgage Bonds, \$1,902,000 at 7 per cent.	38,285 00
Three months accrued on Sinking Fund, say	23,100 00
Total	462,243
Total	\$293,621
Six months dividend on say \$6,622,000 at 5 per cent.	301,100
Surplus August 1, 1857	\$62,517

Henderson and Nashville Railroad.

The Directors of the Henderson and Nashville Railroad had a meeting at Hopkinsville on Friday last, and contracted for the grading of the road from Hopkinsville to the Tennessee line, and also from Madisonville to the Deep Cut. The work will be pushed forward, notwithstanding the refusal of the counties to loan their credit to the enterprise. The directors have the assurance of such aid from private citizens as will enable them to carry on the work, and the President encouragingly of the success and final completion of the road. The Henderson *Commercial* says there is a project for building a road from Uniontown or Shawneetown to intersect the Nashville road, that would deprive Henderson—if built—of a good share of the anticipated advantages of the present road.

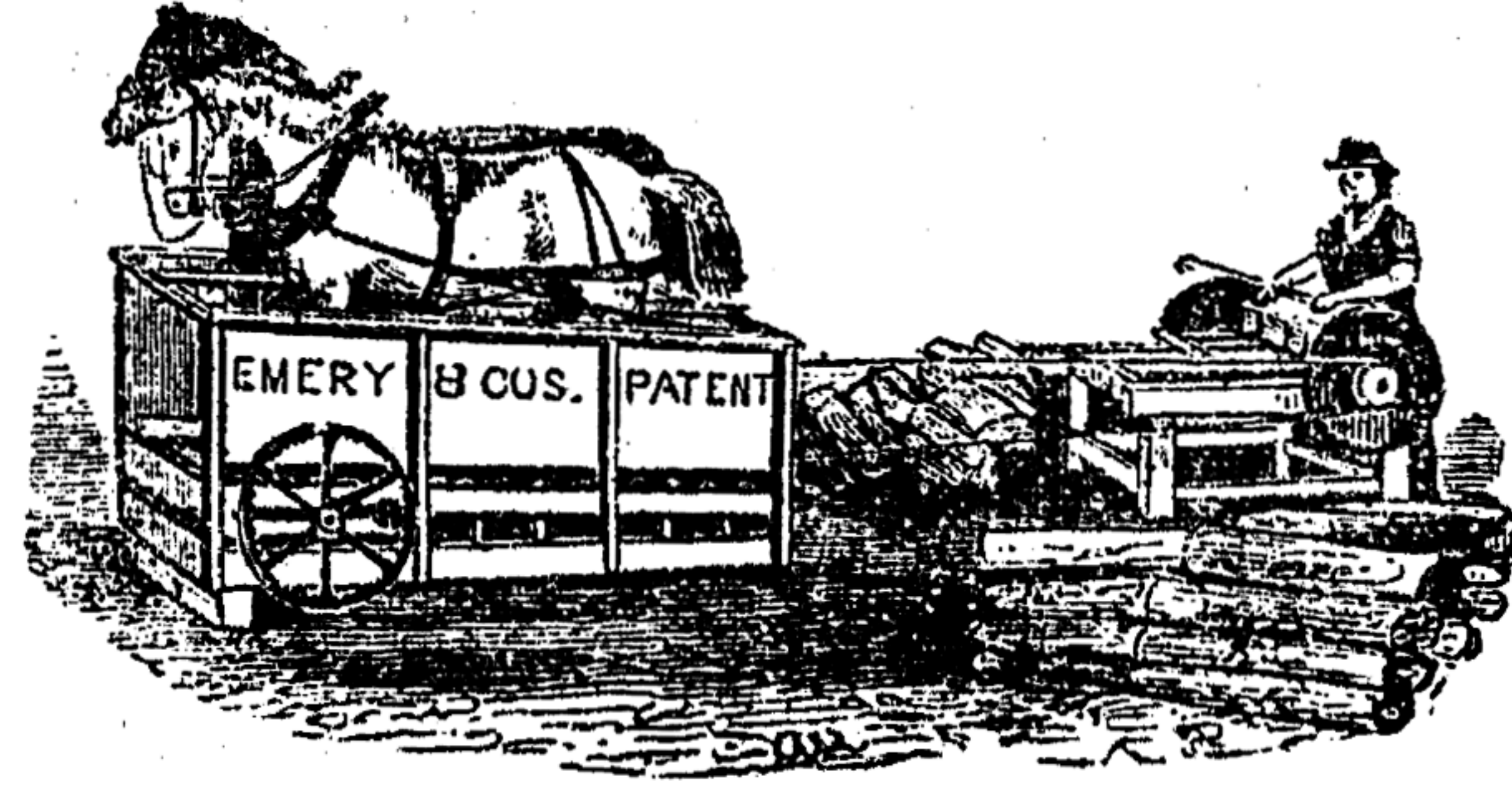
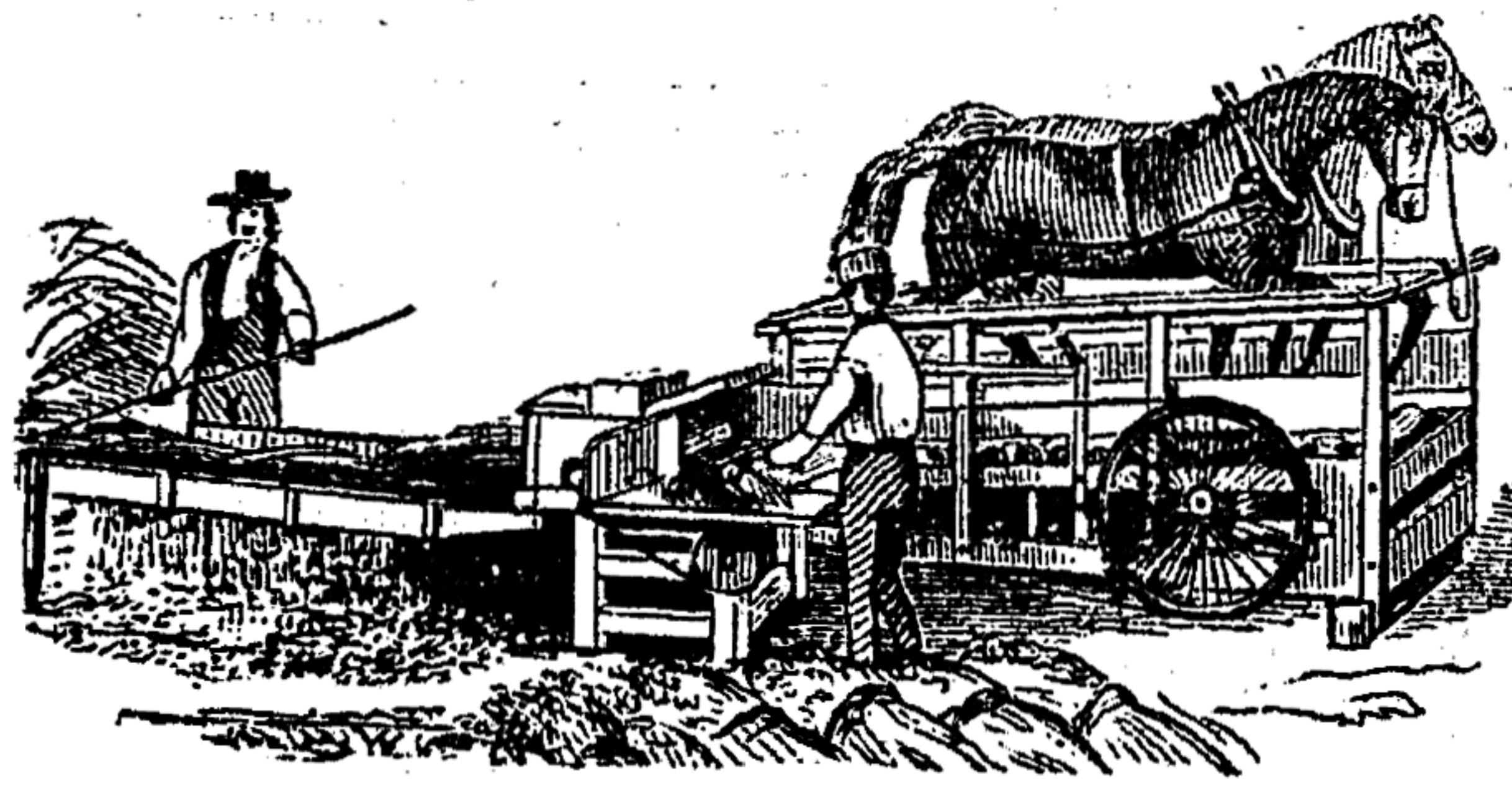
Scioto and Hooking Valley Railroad.

Two additional locomotives have lately been purchased for this road, and they have arrived. One is called "M'ARTHUR," and the other, "HAMDEN." Some expenditure has been incurred to put the Road in good order, and the business is on the increase. We submit the statement of the earnings for the month of July last, which shows a very satisfactory result.

Passengers	\$3,250.85
Freight	787.87
Mail	200.00
Total	\$4,238.72
EXPENSES.	
Road repairs	\$1,641.07
Running	2,483.75
Repairs of machinery	227.16
Oil, tallow and waste	354.99
Total	5,206.07
Net earnings	\$8,031.75

WILLARD FELT & CO.,
14 MAIDEN LANE, N. Y.,
ACCOUNT BOOKS, PAPER AND
DRAWING MATERIALS.

ENGLISH and American Drawing Paper in sheets and rolls—Cloth mounted Drawing Paper in rolls.—Tracing Paper and Muslin, Metallic and Linen Tapes.—Profile and Cross-section Papers, Field Books, etc., etc., etc.
Maps, Bonds, and Stock Certificates lithographed in best style. 6m26



EMERY BROTHERS,
SOLE PROPRIETORS OF THE
ALBANY AGRICULTURAL WORKS,
ALBANY, N. Y.

THE attention of Railroad Companies and Wood Contractors is called to EMERY'S PATENT RAILWAY HORSE POWERS, AND WOOD SAWING MACHINES.

The above are the most efficient, durable and lightest running machines in use. The Horse Powers are all Right and Left-handed, and capable of changing Velocities and Forces to any desired degree, by the transposition of gears and pulleys upon the shafts, for Sawing Wood, Pumping Water, Threshing Grain, Propelling Elevators, and Machine Shops, etc., etc. The Saw Mills are made for cutting off logs—also for circular

saws—either attached to or detached from the Powers themselves. All the above, together with every Machine wanted by the Agriculturist, to be driven by horse power, furnished on demand, and warranted to give satisfaction or no sale. Descriptive Priced Illustrated Catalogues furnished gratis to all applying for the same, on receipt of a three cent postage stamp to prepay postage. 3m84

**NEW ENGLAND RAILROAD
MUTUAL FIRE INSURANCE CO.**

Office, No. 11 Railroad Exchange, Boston.

THIS Company, composed of Railroad Corporations, insures on the Mutual principle, against loss by Fire, BUILDINGS, BRIDGES, ROLLING STOCK, and other property in which the members have an insurable interest.

DIRECTORS:
S. Hooper, Uriel Crocker, Charles L. Putnam,
Stephen Fairbanks, Wm. Minot, Jr., S. H. Walley,
Wm. A. Crocker, I. M. Spelman, Waldo Higginson.

WALDO HIGGINSON, President.

CHARLES G. HOBART, Secretary.

DELAPIERRE & LOCKWOOD,

156 William, Cor. of Ann st., New York,
IMPORTERS AND DEALERS IN HEAVY HARDWARE,
Metals, Oils & other Materials for Machinists & Manufacturers.

Pig Iron,	Lead,	Horse Shoes,	Sperm Oil,
Block Tin,	Antimony,	Nails,	Lard Oil,
Copper,	Steel, etc.,	Vices, Anvils,	Emery,
Spelter,	Crucibles,	Bellows, etc.,	Borax, etc.

\$300,000

7 & 8 PER CENT. BONDS

OF THE
CITIES OF MADISON AND WATERTOWN, WIS.,
FOR SALE.

OFFICE OF THE WATERTOWN AND MADISON R. R. CO. }
No. 39 1/2 Exchange Place. }

THIS road completes a direct and nearly an air line between Milwaukee and Madison, the capital of Wisconsin. It is 34 miles in length, connecting at Watertown with the "Watertown Division" of the La Crosse and Milwaukee Railroad, with which it has a contract for a very favorable running connection for 30 years.

By this road the distance between Milwaukee and Madison is twenty-three miles shorter than by the Milwaukee and Mississippi Railroad.

This road passes through a good agricultural and highly improved country. MADISON and WATERTOWN are two of the most beautiful and thriving cities in the State, being, in point of population, business and wealth, second only to Milwaukee. The City of Madison has loaned her credit to this road to the amount of \$100,000, and issued Twenty-year Seven per cent Coupon Bonds for the same, with semi-annual interest payable in the City of New York.

The City of Watertown has subscribed to the capital stock of the road \$200,000, and issued in payment thereof Twenty-year Eight per cent. Coupon Bonds, with semi-annual interest, payable in the City of New York.

The Township of Waterloo (Jeff. Co.) has subscribed \$35,000, and issued in payment thereof Twenty-year Eight per cent. Coupon Bonds, with interest payable annually in City of New York. The Company offers these Bonds for sale at their office, 39 1/2 EXCHANGE PLACE, together with a large amount of Eight per cent. Farm Mortgage Coupon Bonds, guaranteed by the Company.

Further information in regard to the road may be had at the office of the Company. H. K. LAWRENCE, Treas'r.

Railroad Iron.

OF NEW YORK & ERIE PATTERN—
2,000 Tons 58 lbs. per yard.
150 " 56 " " "

Now in bond. For sale by

J. BOORMAN, JOHNSTON & CO.,

July 25th, 1857. 1m30 90 Broadway, New York.

ENGINEERING WORKS.

REMOVAL.
FRANCIS & LOUTREL,
STATIONERS, PRINTERS,
LITHOGRAPHERS AND BOOKBINDERS,
Have removed from their old stand to the new store,
45 MAIDEN LANE,
NEW YORK.

HAVING fitted up the entire building expressly for our business, we solicit orders for anything required in our line. We offer the largest assortment of Blank Books, Paper and Stationery both Fancy and Staple, embracing everything in our line. Steam Job Printing,—all our Presses, Type and Machinery are new, enabling us to execute the best style of work at moderate prices. Please call or send your orders. FRANCIS & LOUTREL, Stationers, Printers, Lithographers and Bookbinders, 45 MAIDEN LANE, NEW YORK.

LYONS' TABLES.

To Civil Engineers and Contractors.

JUST PUBLISHED—A set of Tables for finding, at a glance, the true cubical content of Excavation and Embankments for all Bases, and for every variety of Ground and Side Slopes. By M. E. LYONS.

SHEET NO.	DESCRIPTION	SHEET NO.	DESCRIPTION
1.	General Table for all Bases and all Slopes.	13.	for Base 18ft. Slope. 1 1/2 to 1
2.	For Side Hill Cuts and Fills	14.	" 20 " 1 1/2 to 1
3.	Base 12 ft. Slopes 1 1/2 to 1	15.	" 24 " 1 1/2 to 1
4.	" 14 " 1 1/2 to 1	16.	" 24 " 1 1/2 to 1
5.	" 15 " 1 1/2 to 1	17.	" 25 " 1 1/2 to 1
6.	" 15 " 1 to 1	18.	" 26 " 1 1/2 to 1
7.	" 15 " 1 1/2 to 1	19.	" 28 " 1 1/2 to 1
8.	" 16 " 1 1/2 to 1	20.	" 30 " 1 to 1
9.	" 16 " 1 to 1	21.	" 30 " 1 1/2 to 1
10.	" 18 " 1 1/2 to 1	22.	" 30 " 1 1/2 to 1
11.	" 18 " 1 1/2 to 1	23.	" 32 " 1 to 1
12.	" 18 " 1 to 1	24.	" 32 " 1 1/2 to 1

The Tables are printed in clear, bold type on tinted paper; sheets 25x16 inches. They may be used by candle-light without injuring the eye-sight. Each sheet is complete in itself, and embraces all that is wanted in connection with the Base or Slope designated, whether on level or side hill cross section.

Sold in separate sheets, at 25c. each, or the whole handsomely bound in cloth in one volume for \$7.50, by JOSEPH HUFFT, 139 Chestnut st., Phila.; WM. MINIFIN, Baltimore, Md.; ENTWISTLE & SON, Alexandria, Va.; McCLELLAN & Co., Toronto, O. W.; also

For sale at the office of this paper.

ENGINEER'S FIELD BOOK

By C. S. CROSS, Civil Engineer.

THIS work is designed as a pocket companion, and embraces all the necessary tables for prosecuting railroad surveys in the most compact form.

- It is subdivided as follows:
- 1st. The method of staking out railroad curves and keeping field notes.
 - 2d. Railroad curve tables for expeditiously determining the points at which commences the curving.
 - 3d. Application of the Prismoidal formula in determining the quantities of excavation and embankment of canals and railroads from transverse sections.
 - 4th. Excavation and embankment tables for expeditiously determining the cubic yards from mean area.
- It is a plain, clear and most valuable book for practical Railroad Engineers.

For sale at this office. Price \$1.