

ROBERTS' PETROLEUM TORPEDO.
TORPEDOES.
THE ROBERTS
PETROLEUM TORPEDO CO.
Office at the
RED PLANING MILL,
(Corner of Pine and Second Streets,
(Near the Railroad.)
ITUSVILLE, PA.

Owing to the large and increasing demand for the Roberts' Torpedoes, and the late decision of the Commissioner of Patents in refusing to Wm. Reed a patent, and the decision of Judge B. C. Grier annulling the Roberts' patent they have LOWERED the price of their Torpedoes
TWENTY PER CENT.
so that every Operator can afford to try a Torpedo before abandoning a Well.

The following is the decision rendered by Judge Grier on the twenty-second (22) day of September, 1885, in the United States Circuit Court at Philadelphia. The case was argued three days by Charles M. Keller of New York, B. F. Lucas and S. A. Purshouse of Pittsburgh, for defendants, and George Harding of Philadelphia, and George H. Christy, of Pittsburgh, for plaintiff.

OPINION OF JUDGE GRIER.
As I write with difficulty I can only state the conclusions to which my mind has come after a careful examination of this case.

The case in fact has exhibited a patent dated April 24, 1885. This is prima facie evidence of a good title, and puts on the respondents the burden of proof that the patent is void or worthless.

I need not repeat my remarks in the case of Good-year vs. Day (2 Wall, C. C. Rep. 229), but now adopt them as affording a rule of decision which applies clearly to the present case.

As the infringement of the patent is admitted, the only question will be as to the validity of complainant's patent of April 24, 1885.

"It was after speculation had been reduced to practice, and after repeated experiments, that the complainant succeeded in overcoming the prejudice and ignorance of the people on the subject, and persuading the public that his invention was useful; after he had established its great utility, and value, and when his genius and patient perseverance, in spite of success and scoffs, had completely succeeded, that Reed, who had before made experiments on the same subject, and was unsuccessful, imagined that he had the best light to this invention, and after purchasing one or more complainant's torpedoes, he applied on the 1st of November, 1885, for a patent for substantially the same combination of devices and machine contained in complainant's patent. On the 16th of the same month the respondents formed themselves into a company or corporation called 'The Reed Torpedo Company,' for the purpose of pirating the complainant's invention, and supporting the expense of litigation, and thus defrauding him of the fruits. They have perverted even after the preliminary injunction very properly granted by the Circuit Judge.

Let a decree be entered for complainant for a perpetual injunction, and a Master appointed to take an account according to the prayer of the bill.
R. C. GRIER, Judge.

Note.—The passage referred to by Judge Grier in his former decision, 2 Wallace, p. 229, adopted as applicable to this case was as follows:
"It is usually the case, when any valuable discovery is made, or any new machine of great utility is invented, that the attention of the public has been attracted to that subject previously, and that many persons have been making researches and experiments. Philosophers and mechanicians may have become conversant with the principles of the machine, and the possibility or probability of such discovery or invention; many experiments have been successfully tried, coming very near, yet falling short of the desired result. They have produced nothing beneficial. The invention when perfected may have been held to be the culminating point of many experiments, not only by the inventor, but by many others. He may have profited indirectly by the unsuccessful experiments and failures of others, but it gives him no right to claim a share of the honor of the profit of the successful inventor. It is when speculation has been reduced to practice, when experiment has resulted in discovery, and when that discovery has been perfected by patient and continued experiments, or machine has been thus produced which is useful to the public, that the party making it becomes a public benefactor and entitled to a patent."

"and yet when genius and patient perseverance have at length succeeded, in spite of sneers and scoffs, some valuable invention or discovery, how seldom is it followed by reward! Envy robs him of the honor; unscrupulous speculators and pirates rob him of the profits. Every unsuccessful experimenter who did or did not come very near making a discovery now claims it. Every one who can invent an improvement or vary its form, claims a right to place the original discovery. We need not mention names, or Blanchard, or Woodworth to prove that this is the usual history of every great discovery or invention.

The present case adds another chapter to this long and uniform history.—2 Wallace, C. C. Reports, p. 229.

CAUTION.
The public is cautioned against employing any but the regularly authorized Agents of the Company, since the Roberts' Patent covers the use of the Torpedo and all explosive materials for oil wells, and the use of such materials by other parties is a direct infringement of their rights. Any parties infringing any of the ROBERTS' PATENTS, will be dealt with according to law, and as acting wilfully and knowingly in defiance of law and the decisions of the Courts.

The Company have reorganized their business with a view to accommodate Oil Men in every part of the Oil Region. They have employed the most efficient Agents and assistants that can be procured for the business. Each Torpedo is labelled with date of patents, together with the price of the Torpedo, and signed by an officer of the Company, so every Operator wishing a Torpedo may know its price and whence it came from our office.

Operators will confer a favor by reporting to this Office any negligence of Agents.

The following named persons have been appointed Agents and Assistant Agents for the Oil Regions of Pennsylvania and West Virginia.

- LIST OF AGENTS.**
- TOWNSVILLE, CHURCH RUN AND VICINITY—STREPTON, Office, Hamilton's Clearing Office, Itusville, Pa. Assistant, John Van Kerp.
 - WESTVILLE, CHURCH RUN AND VICINITY—E. H. THOMAS, Office and address, Mauldin, Itusville, Pa.
 - SHAMKILL AND VICINITY—GEORGE H. HARRIS, Office, Itusville, Pa. Residence, Itusville, Pa. Assistant, A. West.
 - NEWPORT, PLEASANTVILLE, BRANFORD AND PITHOLE—GEORGE W. VAN VLIET, Office and address, Chase House, Pleasantville, Pa. Assistant, B. C. Huntington.
 - TRIPLE AND WEST HUCKERY—CHAS. A. LEAK, Office and address, Foxcross Office, Itusville, Pa. Assistant, R. C. Burdley.
 - PETROLEUM CENTRE AND VICINITY—LEVI MANSON, Office and address, Petroleum Centre, Pa. Assistant, Charles Blackford.
 - PINE AND BLOOM FARMS and District lying on Oil Creek and Cherry Run, from Storey Farm to Academyville—L. E. SANDERS, Address, Storey Farm, Pa. Assistant, Luther B. Saunders, Charles E. Cough and Walter Hoyt.
 - MCLINTOCKVILLE, OIL CITY AND RENO—A. S. WARR, Address, Oil City or Reno, Pa. Assistant, A. Mead.
 - WARRINGTON ALONG THE ALLEGHENY RIVER—WILLIAM H. GIBBS, Office and address, Franklin, Pa. Assistant, JAMES W. WARR, Office and address, Landon, Pa. Assistant, W. DRIBBLE, Office and address, Seneca, Pa. Assistant, H. W. PARKER, Office and address, Kellerville, Pa.
 - WARRINGTON AND VICINITY—W. E. ANSELL and T. E. WARR, Office and address, Warrington, West Virginia.
 - ROBERTS' Petroleum Torpedo Co., Itusville, Pa.

Daily Record
NEWSPAPER,
BOOK
AND
JOB PRINTING
Office,
MAIN STREET,
PETROLEUM CENTRE.

H. LONGWELL, Proprietor
om New York, Philadelphia, and Pittsburgh, who together with Editorials and Local matters, make it one of the most desirable newspapers published in the Oil Region. As an
Advertising Medium,
The RECORD has no superior, as it circulates wherever an Oil Operator or Dealer can be found.

JOBING DEPARTMENT.
We have a large and well selected assortment of Jobbing Material, embracing the very latest styles. We are therefore, enabled to execute Job Work of every variety in a satisfactory manner when desired, jobs will be neatly printed in Colors

Shipping Bills,
Poster
Hand-Bills,
Programmes,
Bills of Fare,
Labels.
— AND —
Business and Visiting Cards
LETTER-HEADS,
BILL-HEADS,
BILLS OF LADING, Etc., Etc.
— ALSO —
BALL PRINTING,
in or Fancy Styles, neatly and promptly executed, embracing
CIRCULARS, PROGRAMMES, CARDS, TICKETS, Etc.
net, every variety a style of work in letter press printing.

Memoranda, Lawyers, Justices of the Peace, Land Agents, Ed. Meyers and Agents, Insurance Agents, BANKERS business and legal, required in this country, printing patronage respectfully solicited.
W. H. LONGWELL

WINSOR BROS. COLUMN.
WINSOR BROS.,
HARDWARE
STORE.
ESTABLISHED 1859.
Winsor Bros.
MAIN STREET,
PETROLEUM CENTRE,
DEALERS IN OIL WELL
TUBING AND CASING!

ALSO,
WORKING BARRELS & VALVES,
STUFFING BOXES,
CLAMPS, TONGS,
INNIS SUCKER RODS,
RIVETED JOINT SUCKER ROD
BOILER PUMPS,
CISTERN & WELL PUMPS,
Every Description of supplies for
OIL WELL TANKS AND REFINERIES,
BRASS GOODS,
STEAM & GAS FITTINGS
BELTING, PACKING AND HOSE
KIRBY'S COMPRESSED BUNGS,
HARDWARE,
House Trimmings,
Carpenters' Tools,
Drilling and Plain Laid Rope,
Oakum, Nails, Axes,
Table and Pocket Cutlery.
A full assortment of everything in the Hardware Line.

House Furnishing Goods,
VENTILATOR AND
Morning Glory
BASE BURNERS.
HOME COMPANION,
IRON GATE, and
WHEAT SHEAF
Cook Stoves,
Lamps, Lanterns & Chimneys,
No. 1 Winter strained
Lard Oil,
NO. 1 REFINED OIL.
CHAMPION CLOTHES WRINGERS
Manufacturers of
TIN, SHEET IRON & COPPER
WARE.
SMOKE STACKS,
Repairing of all kinds done with neatness and dispatch. Especial attention given to
Steam and Gas Fittings
Purchasing with cash only, our facilities for making over-riding in our line are superior to any other establishment in the Oil Region. We have a first class
TIN AND REPAIR SHOP
Thanking our friends for their liberal patronage in the past, we shall use our best efforts to merit a continuance.
March 1887

ROBSON'S
OIL CREEK PIPE WORKS,
CHARLES ROBSON & Co.,
Corner of Seneca & Centre Sts., East side Oil Creek, Oil City, Pa.
Dealers in Morris, Tucker & Co's
OIL WELL TUBING AND CASING!
ALSO,
WORKING BARRELS AND VALVES,
STUFFING BOXES,
CLAMPS, TONGS,
SUCKER RODS, &c
Machinery for Oil Wells & Refineries
BORING TOOLS, DRIVING PIPE, COLD WATER PUMPS, OIL PUMPS,
Every description of
SUPPLIES FOR OIL WELLS AND REFINERIES,
Also, STOVES, TINWARE, BRASS GOODS,
STEAM AND GAS FITTINGS, BELTING, PACKING, and HOSE;
HARDWARE, HOUSE TRIMMINGS,
Carpenters' Tools, Rope, Oakum, Nails, Axes, Coffee Mills, Table & Pocket Cutlery;
A Full Assortment of Everything in the
HARDWARE LINE.
Some Particular Goods,
Lamps, Chimneys,
No. 1 Winter Strained Lard Oil,
No. 1 Refined Oil,
Star Rods,
Table and Pocket Cutlery.

Champton Clothes Wringers
Manufacturers of
Tin, Sheet Iron and Copper Ware.
Repairing of all kinds done with neatness and dispatch. Especial attention given to
STEAM AND GAS FITTING.
We have endeavored to merit the patronage of the public, and shall use every exertion to merit it.
Our facilities for finishing everything in our line, having been greatly increased, in the erection of our New Building are now
"SUPERIOR TO ANY OTHER ESTABLISHMENT" anywhere IN THE OIL REGION.

"POCKERY!"
Enumerating a few of the articles to be found at
L. M. STERNBURG'S
Lumber Yard
Washington-St., Petroleum Centre, Pa.
Friends and patrons, one and all, Your attention to my "biz" I would call; Time's are dull an' money tight, But in these times I'm looking for light; To those who are building rigs without number, I would inform—this is the place to buy Lumber; My motto is this: "Quick Sales and Small Profit," For business is healthy and I think much of it; In quality my Lumber is second to none, And as for Shingles, I keep No. 1; Some may not look at it in the light I do, And for clove I have a quality No. 2; And to those who are particular—as some may be, I still have another quality called No. 1; I have good seasoned Lumber, Dressed up nice, Which I will sell at a low cash price; Such as Flooring, Ceiling and Siding, both Rough and Dressed, Lath, Battens and Surfaced Lumber, all of the best; I also have Big Lumber of all kinds, At prices to compare with oil and hard times; All kinds of Timber kept constantly on hand, And a box of Cigars of a very good brand; My facilities for selling are surely without number I always keep good teams to deliver good Lumber; So if you want Lumber, Rough, Dressed, Soft or Hard, You will find just what you want at L. M. S's Lumber Yard. feb18-87
GEO. W. KING, Sr.,
Has removed to his NEW STORE, adjoining Schenckman & Wing's Grocery Store, WASHINGTON ST., and is now prepared to furnish his friends and the public generally with
Fresh and Salt Meats
of all kinds. Thanking my friends for past favors, I hope to merit a continuance of the same. GEO. W. KING, Sr. Petroleum Centre, May 1879. 17

ERIE RAILWAY.
140 MILES UNDER ONE MANAGEMENT. 860 MILES WITHOUT CHANGE OF COACHES
The Broad Gauge, Double Track
Route
BETWEEN THE
ATLANTIC CITIES
AND THE
WEST AND SOUTH-WEST;
THIS RAILWAY EXTENDS FROM
Cincinnati to New York 800 Miles,
Cleveland to New York 625 Miles,
Dunkirk to New York 490 Miles,
Buffalo to New York 423 Miles,
Rochester to New York 385 Miles,
AND IS FROM
22 TO 27 MILES THE SHORTEST
ROUTE.

New and Improved Coaches are run from Cincinnati, Dayton, Urbana, Marion, Gallia, Mansfield, Ashland, Akron, Cleveland, Warren, Meadville, Dunkirk, Buffalo and Rochester to
New York Without Change.
ONLY ONE CHANGE TO BOSTON.
On and after Monday, June 18, 1879, trains will leave Meadville at the following hours, viz:
FRANKLIN BRANCIE—Going South.
LEAVE: Meadville, 5:45 A. M., 11:40 A. M., 3:40 P. M., 5:45 A. M.
ARRIVE: Franklin, 7:45 " 1:15 " 6:10 " 8:10 " Oil City, 8:30 " 1:45 " 7:00 " 9:40 "

FRANKLIN BRANCIE—Going North.
LEAVE: Oil City, 10:30 A. M., 9:10 A. M., 5:15 P. M., 9:10 P. M. Franklin, 12:01 " 9:42 " 6:00 " 9:42 " Meadville, 2:45 P. M., 11:35 A. M., 6:15 P. M., 11:30 P. M.
GOING WEST.
1:55 A. M. DAY EXPRESS, daily, Mondays excepted, for Cleveland, Chicago and the West and South. Connects at Cleveland with Sandusky excepted, for Sharon, Akron and Pittsburgh; at Leavittsburg for Youngstown and Sharon; at Canton with Lake Shore Railway; for the West and North West; at Ravenna, Sundays excepted, for Alliance and Pittsburgh; at Akron, Sundays excepted, for Orville and Millersburg; at Urbana with Pittsburgh, Cincinnati and St. Louis; at Mansfield with the Ohio & Mississippi Railway for St. Louis and the South and South West.
Sleeping Coaches are attached to this train at Hornellsville, running through to Cleveland without change.

8:55 A. M. EXPRESS MAIL, daily, Sundays excepted, for Cleveland and the West and North West. Connects at Clarksville for Sharon, Newmarket and Pittsburgh, and at Cleveland with Lake Shore Railway for the West and North West.
9:20 P. M. NIGHT EXPRESS, daily, for Cleveland, Cincinnati and the West and South. Connects at Leavittsburg, Sundays excepted, for Youngstown at Cleveland with Lake Shore Railway, for the West and North West; and at Cincinnati with the Ohio & Mississippi Railway for St. Louis and the South and South West.
A Sleeping Coach is attached to this train at New York, running through to Cincinnati.

11:30 A. M. ACCOMMODATION, Sundays excepted, for Leavittsburg and Way Stations, connecting for Youngstown.
3:30 P. M. FREIGHT & ACCOMMODATION, daily.
7:00 A. M. WAY FREIGHT, Sundays excepted.
GOING EAST.
11:40 A. M. LIGHTNING EXPRESS, daily, connecting at Gorry, Sundays excepted, for Warren, Pa., Mayville, Brocton and Titusville, and daily for Erie; at Elmira with Northern Central Railway for WilliamSPORT, Harrisburg, Philadelphia and Baltimore and at New York for Boston and New York and Erie.
A Sleeping Coach is attached to this train at Cincinnati running through to New York.
8:20 P. M. CINCINNATI EXPRESS, daily, Sundays excepted, connecting at Birmingham for Albany and the celebrated summer resort, Sharon Springs, and at New York for Boston, and all New England cities.
A Sleeping Coach is attached to this train at Meadville running through to New York.
8:53 A. M. NEW YORK DAY EXPRESS, daily, Sundays excepted. Connects at Great Bend with Delaware, Lockswanna & Western Railway for Scranton, and at New York with Midland Express-train of New Jersey Railroad for Philadelphia.
A Sleeping Coach is attached to this train at Cleveland, running through to Hornellsville, connecting with train having new and improved Drawing Room Coaches attached, running through to New York.
2:45 P. M. ACCOMMODATION, Sundays excepted.
12:10 A. M. ACCOMMODATION, Sundays excepted.
5:15 A. M. WAY FREIGHT, Sundays excepted.

Boston and New England Passengers, with their Baggage, are transferred FREE OF CHARGE in New York.
The best ventilated and most luxurious Sleeping coaches run. THE WORLD'S accompany all night trains on this Railway.
The Erie Railway Company has opened a new Ferry from Jersey City Depot to the foot of 29th St., New York, thus enabling passengers to reach the upper portion of the city without the expense and annoyance of a street car or omnibus transfer.
The scenery along the entire route of the Erie Railway is of the most picturesque and beautiful character. Admirers of Nature's beauties, in a night journey over this Line, will find its ever-changing landscapes subjects of continual admiration and interest.

Baggage Checked Through
And fare always as low as by any other Route.
ASK FOR TICKETS VIA ERIE RAILWAY
Which can be obtained at all the Principal Ticket Offices in the West and South West.
W. M. F. BARKER
L. D. RUPPBER
Gen'l Pass'r Agent
Gen'l Supt.
Jan 15th, 1879