CONCERNING DYNAMITE.

Millions of Dollars Invested in Its Manufacture in the United States.

Very few people have a correct idea of what dynamite is, of what it is made and the uses to which it is put. To the French belongs the honor of its discovery and its practical use.

Nitroglycerin is the force of all high explosives. Dynamite is the name most usually given to these explosives, though other names are sometimes used.

Dynamite is simply nitroglycerin mixed with various ingredients. Nitroglycerin is made by mixing sulphuric and nitric acid with sweet glycerin, the same that is used by the ladies to prevent chapped hands. Mixing the acids and glycerin is where the great danger lies in the making of nitroglycerin. The mixing tank, or agitator, as it is called by dynamite makers, is a large steel tank, filled inside with many coils of lead pipe, through which, while the mixing is in progress, a constant flow of ice water is maintained. This flow of ice water is used to keep the temperature of the mix below 85 degs., as above that point it would explode, and a hole in the ground would mark where the factory had been. The nitroglycerin is stored in large earthenware tanks, which are usually sunk in the ground to guard against blows or severe concussion.

The other ingredients for making dynamite are, nitrate of soda (which is found only in Chili), carbonate of magnesia and wood pulp.

Dynamite is put in paper shells usually 1¼ inches in diameter and 8 inches in length, and weighs about one-half pound to each shell or cartridge. It has largely taken the place of black powder for blasting, as it is many hundreds of times stronger, and consequently more economical. It is used chiefly in mining all kinds of ores, coal and rock, and submarine blasting and railroad building. Without its aid many railroads, especially those crossing the Rocky mountains, could not have been constructed; without it Hell Gate, in New York harbor, could not have been destroyed, and without it the miner, at prices now paid for mining ores, could not earn his bread.

Dynamite will not explode from any ordinary fall or jar. It will burn without explosion and freezes at 42 degs., 10 degs. above ordinary freezing point. The bomb is made of metal or glass and filled with pure nitroglycerin arranged so as to explode by severe contact with any hard object. These bombs are of course never made by a reputable dynamite factory.

Five or six millions of dollars are invested in the manufacture of dynamite in the United States, and its use is constantly on the increase. The fumes of nitroglycerin produce intense headache, which can be cured by taking a very small dose of it internally.—Detroit Free Press.

A Logician Out of Place.

A gentleman who stood a few moments at a corner where a large building was in process of erection overheard some remarks made by an Irish workman who evidently fancied himself a logician of no mean order.

He was a sturdy, good natured looking man, but evidently enjoyed leaning on his hod and commenting on what passed around him much better than he did active work. The cry of "mortmort" usually rang out several times before he heeded it.

"Pat," said the foreman severely, coming upon the man at one of the moments when he was "restin a bit," "why don't you attend to your work and keep that man going?"

"Shure, now," said Pat, shifting his feet and turning a broad smile upon the foreman, "if I was to kape him goin he wouldn't have sorra a thing to say at all; an if he didn't say anmything, how would I know he was there? An if he wasn't there fwhat would he be wantin of morther, sorr?"

And Pat marched off with his hod, leaving the foreman not convinced, but certainly confused by this remarkable exhibition of the workings of a logical mind.—Youth's Companion.

A Lightning Calculator.

Professor Truman Henry Safford, of Williams college, is one of the most remarkable lightning calculators now living. A gentleman who had heard of his power and wished to test it said to him one day: "I have a little problem for you, Professor Safford. I was born Aug. 15, 1852, at 3 o'clock in the afternoon. This is June 20, 1883, and it is just 3 o'clock. Now, can you tell me my age in seconds?" The great man frowned, bent his head, and began to walk rapidly up and down, twisting his mustache and clasping and unclasping his hands in his nervous way. After a moment or so he returned the answer, which was somewhere in the billions. The gentleman produced a paper containing the problem worked out, and said, with a superior smile, "Well, professor, I'll give you credit for great genius, but you're several thousand out." The professor stretched out his hand for the paper, and running over the calculation, said contemptuously: "Humph! You've left out the leap years."—Boston Traveller.

Speaking of the Late Queen.

James I disliked to hear encomiums lavished on his predecessor, "Le Roi Elizabeth," as the French called her, and always depreciated her when possible. On one occasion some one speaking of the late queen as a "most wise princess," James said sharply, "She had wise counselors." "And, please your majesty," said the speaker, "did ever a fool choose wise counselors?"—London Standard.

Poor Blank.

Mrs. Jones—Men never know how much they owe to their wives. Now, there's Mr. Blank, who is praised by every one as a successful man, but what would he have been if he had never married?

Mr. Jones—A bachelor, dear.—Pharmaceutical Era.

Took His Word for It.

At the battle of Seven Pines or Fair Oaks the Fifth New Jersey, in connection with the regiments of the Second brigade and others, ably attested the universal confidence reposed in them by their commanders. Senator Wade, at Bull Run, said, "Give us a brigade of these Jerseymen and we'll beat the enemy still."

During the engagement of June 1 a Union soldier had his leg shot off by a ball from the enemy's artillery.

Captain Ramsey ordered one of his men (an Irishman from New Jersey) to assist the wounded man to the rear. Pat, while giving the necessary assistance, asked the man how and where he had been wounded.

"My leg was shattered by a cannon ball during the last attack," was the reply.

On the way to the hospital a fragment of shell took the already badly wounded man's head entirely off, unnoticed by Pat, who was carrying his comrade in his arms.

Upon arriving at the temporary hospital one of the surgeons, after looking at the man, said: "What did you bring this man here for?"

"Sure, Captain Ramsey tould me to," said Pat.

"Why, the man is dead; his head is completely shattered from his body," replied the doctor.

"His head, is it? Oh, the blaggard; shure and he tould me it was his leg, so he did."—New York Recorder.

Artistic German Currency.

The German currency is rather artistic. The bills are printed in green and black. They run in denominations from five to 1,000 marks. Their later bills are printed on silk fibre paper.—Golden Days.

Guaranteed Cure.

We authorize our advertised druggist to sell Dr. King's New Discovery for Consumption, Coughs and Colds, upon this condition. If you are afflicated with a Cough, Cold or any Lung, Throat or Chest trouble, and will use this remedy as directed, giving it a fair trial, and experience no benefit, you may return the bottle and have your money refunded. We could not make this offer did we not know that Dr. King's New Discovery could be relied on. It never disappoints. Trial bottles free at George & Redden's, Drug Store. Large size 50c and $1.00.

Consumption Cure

An old physician, retired from practice having had placed in his hands by an East India Missionary the formula of a simple vegetable remedy for the speedy and permanent cure of Consumption, Bronchitis, Catarrh, Asthma and all throat and Lung Affections, also a positive and radical cure for Nervous Debility and all Nervous Complaints, after having tested its wonderful curative powers in thousands of cases, has felt it his duty to make it known to his suffering fellows. Actuated by his motive and a desire to relieve human suffering, I will send free of charge, to all who desire it this recipe, in German, French or English, with full directions for preparing and using. Sent by mail by addressing with stamp, naming this paper. W. A. Noyes, 820 *Powers' Block, Rochester, N. Y.*

Examiners Notice.

The undersigned duly appointed by the County Commissioners of Caroline County, as examiners on the new County road in the Fourth election district of Caroline County, beginning at the County road leading down to the Wheeler wharf in Choptank and running with the present road laid down along the river through Choptank to Main street thence with said street to the road leading to the farm of E. S. Zell, thence with said road to the South side of the peach orchard on said farm, thence at right angles and with said peach orchard across the lands of E. S. Zell to the mouth of Hunting Creek or Linchester River at a point opposite the wharf on the Dorchester shore and at this point to join the County Commissioners of Dorchester county with a ferry, hereby give notice that we will meet at Choptank on Thursday August 4th, at 10 o'clock a. m., to execute our commission.

ROBERT M. MESSICK,
JOHN A. TRIBBITT,
PERRY D. TAYLOR,
Examiners.

July-7-30d

When Baby was sick, we gave her Castoria.
When she was a Child, she cried for Castoria.
When she became Miss, she clung to Castoria
When she had Children, she gave them Castoria.

Maryland Steamboat Comp'y

SUMMER SCHEDULE



1892. 1892.

BALTIMORE, THIRD HAVEN AND GREAT CHOPTANK RIVER ROUTE.

For Baltimore.

the magnificent side-wheel iron steamers

Ida and Joppa

leave alternately daily, except Saturday, the landings named, as follows:

	P. M.		P. M.
Denton	1.30	Oyster Shell Pt.,	4.30
Lyford's	1.50	Cambridge,	6.00
Potter's,	2.00	Oxford	7.00
Two Johns,	2.10	Double Mills,	7.30
Willis'	2.30	Easton,	9.00
Dover Bridge,	3.00	Oxford,	10.00
Medford's,	3.45	Corner's,	10.30

Arriving in Baltimore, 4 o'clock following morning.

From Baltimore.

Will leave Pier 4, Light street, at 9 p. m., daily, except Sunday, arriving at,

	A.M.		A. M.
Corner's,	1.30	Medford's,	9.15
Double Mills,	4.15	Dover Bridge,	10.00
Easton,	5.00	Willis'	10.30
(Leave Easton,	5.30	Two Johns,	10.45
Oxford,	6.30	Potter's	10,55
Cambridge,	7.30	Lyford's	11.05
(Leave Camb'dg,	8.00	Denton,	11.30
Oyster Shell Pt.,	8.30		

☞ Freight taken at low rates and carefully handled. Grain bags furnished, and grain delivered at elevators.

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WATERLOO YEAST CO DETROIT MICH.

-RESULTS!-

Sample of the results of Life Assurence in the Equitable Life Assurence Society of the United States.

Easton, Md., May, 31, 1889.

Messrs. Bowes & Hall.

Managers Equitable Life Assurance Society, Baltimore, Md.,

Gentlemen—It gives me pleasure to express my appreciation of your company's promptness in paying claims, the check you sent me having been drawn the day the proofs reached the home office. I was surprised to find that the amount of the policy on my father's life, originally $5000, had been increased $2000 by dividends added to its face value.

The above facts speak for themselves and need no comment to emphasize the value of a policy in the Equitable.

Very Truly Yours,
Wm. H. Adkins.

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The very Choicest TEAS and Rare COFFEES.
The celebrated LAKESIDE FAMILY FLOUR without doubt the whitest and best Winter Wheat Flour made, which has come out far ahead in every competition; and all other

Fancy and Staple Groceries,

at prices as low as the lowest, quality of goods being considered. Send for price list.

NO WINES NOR LIQUORS.

RESERVED FOR

BLACKISTON.

HAVE YOU A HORSE?

DOES HE SHOW SYMPTOMS OF SPEED? WHY NOT ENCOURAGE HIM?

HITCH HIM TO THE GREAT SUNOL CART.

MF'G'D ESPECIALLY FOR EXERCISING AND SPEEDING.

PRONOUNCED BY ALL HORSEMEN TO BE THE MOST PERFECT SULKY CART IN USE

WHALEBONE STOCK. WEIGHT 75 lbs. AGENTS WANTED.

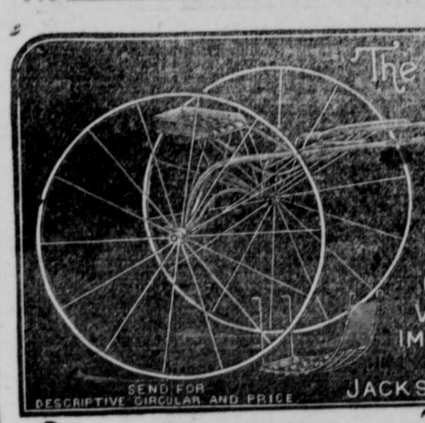
OUR BEAUTIFUL ILLUSTRATED CATALOGUE FREE. CORTLAND WAGON CO. CORTLAND, N.Y.



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BODY swings independent from the gear or axle, making it **absolutely** free from horse motion. Guaranteed to ride as easy as any four-wheeled vehicle. Gear all steel and wrought iron. Seat can be raised or lowered without removing bolts, so as to adjust to heavy or light weight. The best looker, the easiest rider, and the best selling vehicle in the world. Manufactured by

The Buckeye Cart Co., Charleston, W. Va. Construction covered by Ten distinct patent claims. Write to manufacturers for prices and terms, Buckeye Cart Co. Charleston, W. Va.



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COMBINATION ROAD CART AND TRACK SULKY,
MADE OF BEST MATERIAL ONLY
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SILVER PLATED SEAT RAIL
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