

A Chance for Inventors.

While there is reason to doubt the possibility of devising an electric motor capable of doing heavy work as economically as the steam engine...

All that is lacking to meet this want is a suitable battery; in other words, a simple, compact, portable, and, if possible, dry apparatus...

The applications which await such a battery are practically innumerable. Even with the fuming, slopping, troublesome batteries already in use...

The working of the predicted system can be sketched in a few words. Given, say, a large hotel to be furnished with artificial light...

Take, for example, that almost universal household necessity, the sewing machine. How immensely would its usefulness be increased by an acceptable means of running it...

But this is only one of a countless number of uses to which such a battery might be put.

In almost every civilized home, there is water to pump, washing machines to operate, wood to saw, coal to lift, and a multitude of other labors...

For light manufacturing purposes, the call is equally urgent. In every workshop where steam is not used, there are presses, saws, lathes, drills...

Where the range of application is so great, it is needless to multiply examples. Our purpose is to suggest...

Hot Air and Cool Rooms. Because when the air of the streets marks 30° or 40° on the Fahrenheit scale, a room overwarmed by a fire can be cooled by opening the windows...

The Light of Coming Days.

The light of other days—practical, not poetic—was the tallow dip, and, further back, a bunch of moss in a dish of grease. The advance from this primitive illuminator to the gas jet covers a most important stage...

Before we can truly say that our streets and houses are lighted scientifically, another and more important advance must be made. We must get rid of the offensive and poisonous products, the heat and flickering, the sharp contrasts of light and shade...

The problem is simple and easily solved. What we want in our rooms is a clean, white light, diffused daylight. The popular mistake lies in supposing that the light must ne-

cessarily be generated where it is used. The remoteness of our natural illuminators ought to teach us the absurdity of such a position.

Every tyro in optics knows that light is the most tractable of material effects. It is obedient to the last degree. You can send it where you will...

It is well known also that there are many ways of producing a brilliant light, much more easily and economically than by carbon combustion in small and scattered flames. Yet, curiously, this familiar knowledge does not appear to have ever been put to practical use in producing a simple, wholesome, agreeable, scientific illumination for public and private buildings...

The advantages of this mode of illumination are many and obvious. There would be no poisoning of the atmosphere by local combustion; no scattered flames to occasion fires; no circulation of combustible material to encourage fire, should it happen to break out; children and careless servants would have nothing to handle that could possibly do damage...

For churches, theatres, and other places of public resort, this method of lighting is specially available and inviting. The source of light might be in an absolutely fireproof vault or chamber, or in a separate building, so that the danger of accidental fires, with their attendant evils, would be reduced to the minimum. Similar advantages would attend its application to shipping. For mines, especially coal mines, it is unapproachably simple and safe. Smoky torches and treacherous "safety lamps" might be entirely abolished, and the deepest pits flooded with white light, without flame or the shadow of a risk of explosion.

When writing to advertisers please say that you saw their advertisement in this paper.

ROYAL HOTEL, HAMILTON, ONT. CHANGED HANDS AND MANAGED BY L. W. CASS, J. N. STRONG, Proprietors. Hamilton, Aug. 29, 1874.

AYER'S SARSAPARILLA FOR PURIFYING THE BLOOD. This compound of the vegetable alterative, Sarsaparilla, Dock, Sillimania, and Mandrake with the iodine of Potassium and Iron makes a most effectual cure of a series of complaints which are very prevalent and difficult to cure...

Dr. J. C. AYER & Co., Lowell, Mass., Practical and Analytical Chemists. Northrup and Lyman, Newcastle, General Agents.

An English Abduction Case.

A correspondent of the Boston Journal contributes the following account of a kidnapping case in England nearly 40 years ago...

The father replied through the directed channel that he was a poor man and could not raise £500. Thereupon the robbers replied that they knew that he was a poor man, but they also knew that he had rich relatives and friends from whom he could borrow the amount...

The New World's Grand Remedy. The Old World has played its part in vegetable medication. But the botany of the New World is, as yet, imperfectly explored. One new and most important revelation from that land of wonders—California—has astonished the scientific and accomplished such cures of diseases of the stomach and bowels...

Useless Machinery. Many thousands of dollars are expended annually in the purchase of useless machinery, palmed off on the unsuspecting farmer by the oily-tongued and unprincipled so-called agents, peddlars and patent-rights men...

At a recent sale in Zeiglersville, Berks county, Pa., a wagon was sold that had been standing long enough in one place to permit a walnut tree about five inches in diameter to grow up through the bed of the wagon.

When writing to advertisers please say that you saw their advertisement in this paper.

ROYAL HOTEL, HAMILTON, ONT. CHANGED HANDS AND MANAGED BY L. W. CASS, J. N. STRONG, Proprietors. Hamilton, Aug. 29, 1874.

A Lover's Ruse.

[From the Toledo (Owa) Chronicle.] At the Adams House in this place, at about 7 o'clock last Tuesday evening, Squire Rains terminated a romantic and originally gotten up first-class elopement by uniting in wedlock John W. Shroyer of Waterloo and Miss Mary Krantz, from six miles north of La Porte City...

The young lady was of age, habes corpus &c., was suggested, but would not answer emergency, such process being too slow when immediate action was necessary. At last a happy thought occurred to Mr. Shroyer, which was successfully carried out, thus: He remembered once having dropped his breast pin and Mary playfully picked it up and kept it. Capital! He would have her arrested that very night for stealing the pin! He accordingly swore out a warrant before Justice McQuilken. Constable A. Cotton immediately proceeded to the domicile of the cruel and obdurate "parent," closely followed by Shroyer, and arrested the girl at 2 o'clock Tuesday morning...

THE GOLDEN PEMALE PILLS. Can be had at the office. Sent by mail to any part of the world. \$1 per box and two postage stamps. Young men, take particular notice—you can be restored to health by applying either in person or by letter. All female complaints skillfully treated. Letters must be addressed to Dr. A. Davis, Box 1033, Toronto, Ontario.

THE GOLDEN PEMALE PILLS. Can be had at the office. Sent by mail to any part of the world. \$1 per box and two postage stamps. Young men, take particular notice—you can be restored to health by applying either in person or by letter. All female complaints skillfully treated. Letters must be addressed to Dr. A. Davis, Box 1033, Toronto, Ontario.

When writing to advertisers please say that you saw their advertisement in this paper.

AYER'S SARSAPARILLA FOR PURIFYING THE BLOOD. This compound of the vegetable alterative, Sarsaparilla, Dock, Sillimania, and Mandrake with the iodine of Potassium and Iron makes a most effectual cure of a series of complaints which are very prevalent and difficult to cure...

Dr. J. C. AYER & Co., Lowell, Mass., Practical and Analytical Chemists. Northrup and Lyman, Newcastle, General Agents.

LONDON, QUEBEC AND MONTREAL.

1874. TEMPERLEY LINE. Composed of the following and other first-class Iron Steamships: St. Lawrence, Scotland, Thames, Severn, Delta, Helios.

St. Lawrence, Scotland, Thames, Severn, Delta, Helios. Through Tickets from all points West, at REDUCED RATES. Certificates issued to persons desiring to bring out their families. Through Bills of Lading issued on the Continent and in London for all parts of Canada...

DR. A. DAVIS, Medical Office, 39 Colborne St., Toronto. Entrance on Exchange Lane.

THE GOLDEN PEMALE PILLS. Can be had at the office. Sent by mail to any part of the world. \$1 per box and two postage stamps. Young men, take particular notice—you can be restored to health by applying either in person or by letter. All female complaints skillfully treated. Letters must be addressed to Dr. A. Davis, Box 1033, Toronto, Ontario.

THE LITTLE SUMMER RANGE. One of the most practical, efficient and FUEL-SAVING LITTLE RANGES. That has ever appeared before the public.

Invented by Mr. Jas. Chamberlain, Foreman of R. M. Wanzel & Co.'s Tool Department. Patented in the States and Canada, and manufactured at R. M. WANZEL & CO.'S FOUNDRY.

GALT EDGE TOOL AND CARRIAGE SPRING WORKS MANUFACTORY. Axes, Hatchets, Chisels, Knives, Carpenters' Tools, Coopers' Tools, Picks, Hammers, Machine Knives. Carriage Springs and descriptions, Oil—tempered and warranted. JAS. WARNOCK & CO. Galt, Ont., April, 1874.

MONA IRON WORKS, Hamilton, Ontario. THE STEAM ENGINES MANUFACTURED BY this firm are in many respects superior to any other made in this country being self-lubricating throughout, and are remarkably powerful, and economical in fuel. Descriptive Circulars sent on application. Will be judged by the continually increasing demand which necessitates constant additions to our machinery and plant.

AYER'S SARSAPARILLA FOR PURIFYING THE BLOOD. This compound of the vegetable alterative, Sarsaparilla, Dock, Sillimania, and Mandrake with the iodine of Potassium and Iron makes a most effectual cure of a series of complaints which are very prevalent and difficult to cure...

Dr. J. C. AYER & Co., Lowell, Mass., Practical and Analytical Chemists. Northrup and Lyman, Newcastle, General Agents.

WALKER'S VINEGAR BITTERS. THE ONLY RELIABLE GIFT DISTRIBUTION IN THE COUNTRY. GIFT ENTERPRISE. The only Reliable Gift Distribution in the Country.

\$50,000 in Valuable Gifts! TO BE DISTRIBUTED IN L. D. SINE'S 169th Regular Monthly GIFT ENTERPRISE! To be Drawn MONDAY, SEPT. 14TH, 1874.

ONE GRAND CAPITAL PRIZE, \$50,000 IN GOLD! Greenbacks! Two Prizes \$1,000 Each, Five Prizes \$500 Each, One Family Carriage and Matched Horses, with Silver-mounted Harness, worth \$200. One Horse and Buggy, with Silver-mounted Harness, worth \$200.

PIANOS AND ORGANS. The Oldest Established House in Canada. GENERAL AGENTS IN THE Dominion of Canada for the following Pianos: Chickering & Sons, Steinway & Sons, Duggan & Sons, Haines Bros., and ORGANS MANUFACTURED BY The Mason & Hamlin Organ Company, Boston.

A. & S. NORDHEIMER, HEAD OFFICE—15 KING ST. EAST, TORONTO. BRANCH OFFICE—26 SPADINA ST., OTTAWA.

1,000,000 ACRES OF STEADY INDIAN LANDS!! The Great Rapids and Indiana Railroad having been completed from Fort Wayne to Indiana, to Little Traverse Bay, near Mackinac, and earned all of its grants of lands, over 1,000,000 ACRES, now offered.

WATER AND RAIL. And are in a part of the State unequalled for health, well watered, and contiguous to the great fruit raising section of the State. Michigan is one of the LEAST IMPROVED and most progressive of the States.

AYER'S SARSAPARILLA FOR PURIFYING THE BLOOD. This compound of the vegetable alterative, Sarsaparilla, Dock, Sillimania, and Mandrake with the iodine of Potassium and Iron makes a most effectual cure of a series of complaints which are very prevalent and difficult to cure...

Dr. J. C. AYER & Co., Lowell, Mass., Practical and Analytical Chemists. Northrup and Lyman, Newcastle, General Agents.

WALKER'S VINEGAR BITTERS. THE ONLY RELIABLE GIFT DISTRIBUTION IN THE COUNTRY. GIFT ENTERPRISE. The only Reliable Gift Distribution in the Country.

Dr. J. Walker's California Vinegar Bitters are a purely Vegetable preparation, made chiefly from the native herbs found on the lower ranges of the Sierra Nevada mountains of California, the medicinal properties of which are extracted therefrom without the use of Alcohol.

Grateful Thousands proclaim VINEGAR BITTERS the most wonderful invigorant that ever sustained the sinking system.

Dr. J. Walker's California Vinegar Bitters are a purely Vegetable preparation, made chiefly from the native herbs found on the lower ranges of the Sierra Nevada mountains of California, the medicinal properties of which are extracted therefrom without the use of Alcohol.

Dr. J. Walker's California Vinegar Bitters are a purely Vegetable preparation, made chiefly from the native herbs found on the lower ranges of the Sierra Nevada mountains of California, the medicinal properties of which are extracted therefrom without the use of Alcohol.

Dr. J. Walker's California Vinegar Bitters are a purely Vegetable preparation, made chiefly from the native herbs found on the lower ranges of the Sierra Nevada mountains of California, the medicinal properties of which are extracted therefrom without the use of Alcohol.

Dr. J. Walker's California Vinegar Bitters are a purely Vegetable preparation, made chiefly from the native herbs found on the lower ranges of the Sierra Nevada mountains of California, the medicinal properties of which are extracted therefrom without the use of Alcohol.

Dr. J. Walker's California Vinegar Bitters are a purely Vegetable preparation, made chiefly from the native herbs found on the lower ranges of the Sierra Nevada mountains of California, the medicinal properties of which are extracted therefrom without the use of Alcohol.

Dr. J. Walker's California Vinegar Bitters are a purely Vegetable preparation, made chiefly from the native herbs found on the lower ranges of the Sierra Nevada mountains of California, the medicinal properties of which are extracted therefrom without the use of Alcohol.