

COAL MADE OF PEAT

German Engineer Invents Process that Succeeds.

DRYING PROBLEM IS SOLVED

Briquettes of Fuel Formed Under Great Pressure Due to Developed Gas—Nearly 60 Per Cent of Latter Can Be Utilized—Rich in By-products—Method Less Expensive.

Much interest has been aroused in Germany about the invention of a process to transform peat into soft bricks of fuel, resembling coal in hardness and value as fuel, weight for weight.

Many attempts, unfortunately accompanied with negative results, have been made to utilize peat beds by converting peat into coal.

The chief reason for all previous failures may be attributed to the fact that the ordinary drying processes have not removed a sufficient portion of the water.

Method Develops Less Expense.

A recent manner of production has the merit of less expense. It consists essentially in burning the vegetable cells by an appropriate treatment of the peat in a vacuum.

The peat contained in kettle 2 is now treated in the same manner, so that half of the vacuum may constantly be turned to practical account.

To produce the necessary motive power for the plant the peat is gasified in retorts by a patented process. An unusual quantity of gas, ammonia, tar, peat oil, &c., is thus extracted.

Pressed Into Coal Form by Gas.

A large quantity of gas has been developed in the retorts, and, not being able to escape, it exercises a great pressure, so that a portion is reduced to paraffin, which is pressed back into the mass.

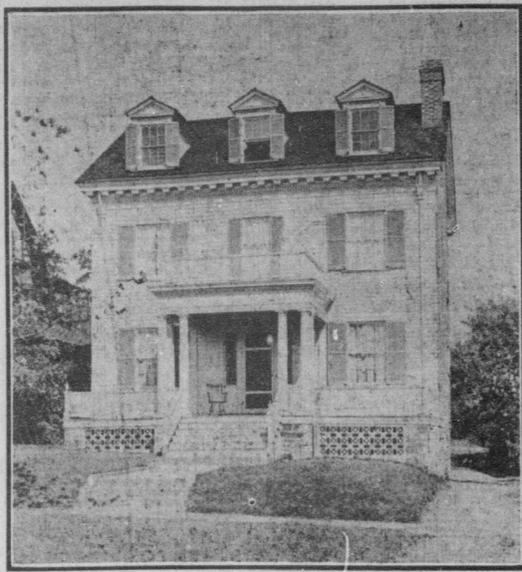
Profits and Field of Usefulness.

By combining the three processes described, very cheap manufacture is possible, allowing of a very high profit.

Still higher results could be attained by using peat gas for producing electricity, which could then be conducted to the point of application by means of wires.

Harry A. Wagstaff, 904 14th Street N. W., Telephone Main 399. Advertisement for real estate services.

HOME OF WALTER C. ALLEN, CLEVELAND PARK.



PLANNED BY WOOD, DONN & DEMING.

SELLS SUBURBAN PROPERTY

David L. Gitt & Co. Have Planted Several Growing Settlements.

Sketch of Operations at Columbia and Sherman Parks, and Tuxedo, Oaklyn and Columbia Highlands.

David L. Gitt & Co. have been favorably known in the real estate business in this city for the last fourteen years.

Their first venture was Columbia Park, near Landover. The second was Tuxedo, where a thrifty little town has been built up.

Their third venture was Sherman Park, on the Pennsylvania Railroad, near Seabrook, not one lot of which remains unsold.

Then, entering the District, a tract of fifty-eight acres on the heights of Central Avenue, running directly east and south of Benning, was purchased and subdivided as Central Heights in the District.

Their latest venture was Oaklyn and Columbia Highlands, in Prince George County, Md., just outside the District on the line of the Pennsylvania Railroad.

SEVEN HOUSES BRING \$18,200.

Willige, Gibbs & Daniel Sell Them in Row in Southeast.

Willige, Gibbs & Daniel sold last week seven of the new two-story, semi-detached brick houses at the northeast corner of Sixteenth and D streets southeast.

IMITATING NATURE.

Natural Conditions Simulated at the Royal Botanical Gardens.

The most perfect imitation possible of the natural forces at their best has been sought in the artificial plant-growing at the Royal Botanic Gardens, in London.

The necessary heat and actinic light, as well as carbon dioxide, moisture, and nitrogen fertilizer in the form of ammonia sulphate are all derived from coal.

William H. Brown Buys Home.

APRIL 5 IN AMERICAN HISTORY.

- 1621—John Carter, first governor of Massachusetts, died.
1764—Import tax for American colonies made in England.
1776—Georgia instructed her delegates for independence.
1854—Capt. Adams left Japan with a new treaty of commerce and friendship with the United States.
1858—Sir George Gore left St. Louis with forty men to explore the headwaters of the Powder River in Montana.
1862—Siege of Yorktown, Va., by Federals is commenced.
1864—Gen. U. P. White, Confederate, of South Carolina, assassinated.
1864—The House of Representatives at Washington adopted resolutions declaring France would not be allowed to arm a navy in Mexico.
1865—Sheridan overtook Lee's army at Sallico Creek and defeated it after a day's fighting.
1894—Woman suffrage bill passed by Iowa legislature.

SWISS COTTON MILLS

High Tariffs Keep Industry Almost Stationary.

DEPEND ON FOREIGN LABOR

Special Agent Clark Writes Interesting Facts About Spinners and Weavers in Switzerland—State of Factories, Cost of Operating, and Wages—What Day's Pay Will Buy.

Switzerland to that portion of Washington which occasionally goes to foreign countries for travel and recreation is the home of the Alps, Lake Luzerne, the Jungfrau, picturesque villages, and scenery which haunts the dreams for years after once looking upon those grand mountains, glaciers, and deep-shaded valleys.

To other Washingtonians who sometimes read about other nations and countries of the globe, Switzerland is the home of the Alps, Lake Luzerne, the Jungfrau, picturesque villages, and scenery which haunts the dreams for years after once looking upon those grand mountains, glaciers, and deep-shaded valleys.

Few in Washington are prepared for the interesting letter written by Special Agent W. A. Graham Clark upon the cotton industries of that land of mountains and fabric. Mr. Clark shows that Switzerland is the seat of a considerable industry in cotton spinning and weaving.

The cotton mills of Switzerland have remained almost stationary for the last ten years. Only in special lines of cotton manufacturing, such as the embroidery business, has there been any progress.

Tariff Walls Mount Higher.

The Swiss cotton-mill men have had to face higher and higher tariff walls in neighboring countries, and also a much keener competition, due to these countries rapidly enlarging their factories.

In the home market they have to compete with the imports of the Italian coarse counts and the English fine counts, to which is added, in times of depression, sporadic imports of German, Belgian, and French goods, which are dumped into Switzerland as the nearest market at what the Swiss refer to as "bankrupt prices."

Driven to Import Operatives.

There is a dearth of local help, and the mills are driven more and more to the employment of Italians and Germans. The increase of the embroidery business, while of advantage, in affording an increased home outlet, has accentuated the labor difficulty of the mills by enticing away their best workmen.



DAVID L. GITT.

Executive head of David L. Gitt & Co., real estate brokers, has been engaged in business in Washington for the past fourteen years, principally in the buying and selling of suburban property.

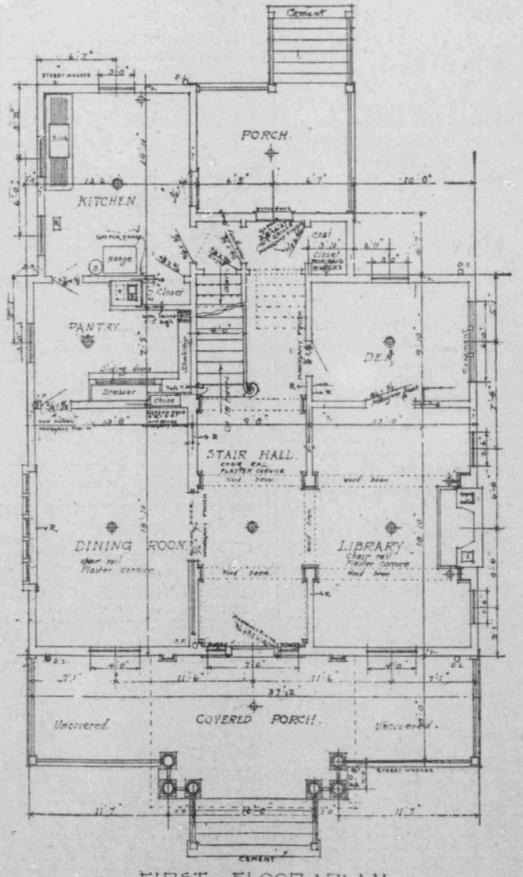
KELWOOD APARTMENT SOLD.

Corcoran Street Flat Bought by Walter H. Klopfer for \$35,000.

The Kelwood apartment house, at 1821 Corcoran street, between New Hampshire avenue and Nineteenth street northwest, was sold last week by J. C. Kennedy Campbell to Walter H. Klopfer.

Mr. Klopfer will hold the property as an investment. The sale was negotiated by the office of Willige, Gibbs & Daniel in connection with George Y. Worthington.

INTERIOR OF ALLEN HOUSE.



The accompanying pictures show the front elevation and first floor plan of the residence of Walter C. Allen, at 3307 Newark street, Cleveland Park. The house and grounds occupy two lots, the frontage of the building being 40 feet and its depth 55 feet.

WITHIN REACH

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A Surprise at \$3,300

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