

SPHYGMOGRAPH AND ITS LESSONS

Among the speakers at the Psychological Congress, held in August last, none were more interesting than Dr. John C. Purdon, representative of the Tri-state Medical Association of Georgia, Alabama and Tennessee. Dr. Purdon is a son of the first Home Rule Lord Mayor of Dublin, but instead of following political lines, sought the higher and more intricate paths of science. He studied at Trinity College, Cambridge, under the tutorage of his father's colleague, Professor Galbraith. After leaving college he was appointed a surgeon in the East Indian service, where he became a specialist in epidemics. He taught the germ theory of cholera and recommended the antiseptics now in use by the government there.

Personally Dr. Purdon is a man of large social nature, nervous or perhaps, more strictly speaking, actively intense. The writer had the pleasure of a conversation with him, finding him conceptually genial, keen in perception and sensitive to his claim to the great psychic discovery so fully established by him with the aid of the sphygmograph.

While in England, after his return from India, he had at one time, as a patient in his house a niece of his wife. One day, while noting the pulse of the patient, his wife entered and seated herself on the side of the bed. In a moment the pulse of the patient changed its bow, becoming fluctuating, then settling to a different throbbing from the first noted. An idea occurred to the doctor; he placed his finger on the pulse of his wife and the trained touch showed him a precisely similar beat to that of the niece. Here was a secret, and he made it his own or proved it to be an accident. Over and over again, especially when the patient was in greatest excitement or prostration, did he find the same condition of things to exist or occur. By the use of the sphygmograph on these occasions he demonstrated the correctness of his observations, and by photographs of the tracings, exhibited and passed to the audience, proved the interesting fact of the similarity of the tracings of the two pulses.

The sphygmograph is an instrument which, when bound on the wrist, marks the pulse's beats, recording each in lines clear and distinct. The best known and most used instrument is that of Marcy, a French physiologist, although the idea was first advanced by Galileo, but the shadows of the dark ages covered it from sight.

To the mind of the savant a new field of thought was here opened up and he would follow it. While surgeon in a military hospital in England he continued his experiments, observations and comparisons, finding them still to hold good. He chose six patients upon whom to pursue his study. By bringing certain ones to the bedside of others the little tell-tale instrument would immediately change its tracings until each resembled the other to a startling degree; startling because proving the action of some unknown law. But one of the six was slow to respond to the changed conditions, and he a phlegmatic individual who would be slow to respond to any vibrations, psychic or physical.

The lesson taught by the use of the sphygmograph is one in which every one is interested, as well as the learned doctor. It proves that there is a power within each individual to act upon another as to change their condition physically without the knowledge of either party. To this so lately

discovered law may be attributed many of the accidents and incidents of life. How much each one of us may be responsible for and to what extent does our influence go? Well may we exclaim: "Am I my brother's keeper?" If we each act on our fellow beings as to how about our fellow lies our duty? Physically we affect the neurotic centers of those with whom we come in contact, changing the force and action of the heart. How about the brain? How about our mental attitudes and infirmities of the weak and the responsibilities of the strong? Grave these questions on your arm, and go forth to do battle with the greatest enemy of the human race—the selfish ego in your own composite nature.

M. A. CONGDON, Elgin, Illinois.

A WONDERFUL GUN

(Boston Advertiser) Thanks to the scientific exercise of American ingenuity, a vexed problem which for years has been engaging the attention of military experts all over the world has at last been practically settled. Such is at least the opinion of Gen. Frazier, chief of our army officers, who recently at the Sandy Hook Proving Grounds witnessed a successful test of the Buffington-Crozier disappearing carriage, mounting a high power 8-inch breech-loading rifle.

It required only twelve minutes and three seconds for this carriage, worked by seven gunners under command of Lieut. C. B. Wheeler, to send ten solid shots shrieking seaward, there to bury themselves in glistening showers of spray seven miles off shore.

The remarkable rapidity of this performance will be understood even by novices in the matter of heavy ordnance when it is explained that with every shot the rifle, weighing 33,000 pounds, was lifted from its loading position by four arms of steel, raised five feet and projected forward as though over a parapet. As the shot left the muzzle when fired, the gun, recoiling without a jar, settled lightly upon its carriage bed ready for the next load. The record made has no equal in the history of modern ordnance. It exceeds the rapid fire tests of 8-inch guns at Annapolis, where the rifles were mounted on stationary carriages of ordinary pattern, and where eight shots in ten minutes and twenty seconds was the best work accomplished.

A HUGE JOKE EXPOSED

A BRENCH HOAX THAT LASTED FOR THREE FULL YEARS.

(New York Sun) A gigantic hoax with the longest run on record is at last exposed in the Paris papers. In 1880 an advertisement appeared stating that a deceased Russian princess left 1,000,000 francs to be given to the person who would remain one year and a day in the little chapel over her tomb in Pere Lachaise and water her body, which was in a glass coffin. The watcher should see nobody during the time he or she should not even speak to the servant that would be employed to supply the refreshments. Conditions were politely requested to communicate with the superintendent of the cemetery.

This unfortunate functionary soon found himself deluged with letters from fools in all parts of the world. Paragraphs began to appear in papers stating that several intrepid watchers had already abandoned the task on account of the uneasiness of the birds.

dead princess. In other words, she had a disagreeable habit of getting out of her glass coffin and walking about in her shroud. Then the wig or wigs raised the ante. Five million was the sum next offered through the press. Letters poured with increased volume upon the unfortunate superintendent, some of them from women. It is almost too bad to clip the wings of a canvasback canoe that flow so long and so far. But it has turned out, just in time to save the superintendent of Pere Lachaise from going crazy, that the Russian princess, the little glass coffin and the generous bequest never existed.

Two years ago I had a bad attack of biliousness and took one bottle of Burdock-Blood Bitters and can truly recommend it to any one suffering from this complaint. Mrs. Chas. Brown, Toronto.

Noway Pine Syrup is the safest and best cure for coughs, colds, asthma, bronchitis, sore throat, and all throat and lung troubles. Price 25c and 50c.

Skin diseases are more or less directly occasioned by bad blood. B. B. B. cures the following Skin Diseases: Shingles, Erysipelas, Itching Rash, Salt Rheum, Scald Head, Eruptions, Pimples and Boils, by removing all impurities from the blood from a common Pimple to the worst Scrofulous Sore.

A SHORT STORY.

COTOLENE is the best Shortening for all cooking purposes.

A TRUE STORY.

COTOLENE is the only healthful shortening made. Physicians endorse it.

AN OLD STORY.

That uncomfortable feeling of "too much richness" from food cooked in lard.

A NEW STORY.

Food cooked in **COTOLENE** is delicate, delicious, healthful, comforting. Do YOU use **COTOLENE**?

Made only by N. K. FAIRBANK & CO., Wellington and Ann Streets, MONTREAL.

RHODES, CURRY & CO.

DOORS, SHAKES, BLINDS, MOULDINGS and all kinds of BUILDING MATERIALS

CHURCH WORK A SPECIALTY

Write for prices to RHODES, CURRY & CO., Amherst, N. S.

Cheaper than Daylight

No 1 Family Oil, 25 cents per gallon. The same oil by the cask at 19 cents per gallon. Sold only by A. G. Heisler, Lunenburg, Agent Standard Imperial Co.

See C. & W. Whitney's White Sheeting at 25c, 30c, 40c, 45c. White Cotton at 10c. Grey Cotton at 8c. All Special Value.

Building Lots.

Smith's ship yard as well as other bricks ground Lus. Apply to Jas. A. 50—



Notice
MESSRS GORDON & KNUTH have on hand a large assortment of **COFFINS, CASKETS AND FUNERAL REQUISITES**
Orders left at the Furniture Store, Duke St., or with Mr. Spencer, the undertaker, will receive prompt attention Telephone 68, Lunenburg.

Administrator's Sale

To be sold a Public Auction on the premises of Titus Langille, late of Malbone Bay in the County of Lunenburg, shipboard or deceased, on Friday, the 30th day of March next, at 10 o'clock in the forenoon, under a license granted by the Judge of Probate for the County of Lunenburg. All the estate, right, title, interest, claim, property and demand of the said Titus Langille, deceased, being all that certain piece or parcel of land lying and being at Malbone Bay, namely the homestead lot 28 feet front 197 on the N. W. side, 113 on the N. W. side and 542 feet on the South with dwelling house and half of barn thereon, also the ship yard property bound east by land of Mrs. C. Sumpter and West by land of Alfred Langille and South by the public st. Also lots No. 1, 8, 9, 10, 12 and 17 on 2nd street back pasture lots No 25, 23 and 29, on plan which will more fully explain Terms day of sale.
OBED. LANGILLE, Adm. Malbone Bay, Feb. 28 '94. 9-14

Miss E. E. Ernst,

OPTICIAN

Will be at the Jewelry Store of Simon Ernst, Brigewater, N. S. from January 27th to Feb 24th. All eyes needing glasses can be scientifically fitted by her. No charge for testing eyes. Glasses only charged for.

Wanted to Rent

From 1st of May, a home with 5 minutes walk of Post Office. Apply to J. A. Munroe, Gordon & Keith's branch furniture ware rooms.

To my Customers.

Having placed a larger meat wagon on the streets for the accommodation of customers and the public in general, I would ask that all orders be sent in at an early hour (as early as possible) so that they may be ready for delivery at 10 o'clock in the morning. I will be more convenient to home-keepers to have their meat delivered at an early hour and in a very short time after the order has been received. Hoping that this and thanking you for past patronage, I am yours to serve.

James Naas.

NOVA SCOTIA PERMANENT Building Society and Savings Fund

(Established under Act of Provincial Parliament, 1850.)

Offices Hollis St., Halifax.

Advances made on Real Estate Security, repayable by Monthly Instalments, covering a term of 11 years and 7 months, with Interest on the Monthly Balance, at the rate of SIX per cent per annum.

Balance of loan repayable at any time with an entire freedom from the liability to have the principal called in, which exists in the case of an ordinary mortgage.

Liberal advances to persons purchasing property for their own occupation. Most of the loans explained and terms of application therefor and all necessary information furnished on application to D. M. OWEN, Barrister, Agent, Lunenburg, W. H. OWEN, Barrister, Agent, Bridgewater Lunenburg July 16th 1893.

HEADQUARTERS FOR

Watches, Clocks, Silverware, Jewelry at

MOSS THE JEWELER.

Bargains:

- Nickle Clock, German, not warranted 50
 - " American, warranted 1.50
 - " Watch " 2.50
 - Solid Silver Watch " 9.50
 - Gold Case Watch " 24.00
 - Solid Silver Tea Spoons \$2.00 per ounce 50
- MOSS THE JEWELER.
A large stock of Silverware on the road that will be sold at bargains.
A Silver Casket, 5 bottles plated on white metal \$2.50.
A Silver-Pickled Dish plated on white metal \$1.25 at

Moss the Jeweler

Cossmann's XMAS STOCK JUST Opened.

- The Index:
- Fancy Goods, Sil-
- man's Ex-
- tracts, Primes,
- Dates, Raisins, Cur-
- ances, Lemons, Cur-
- rensis, Apples, Con-
- fectionery, Straps,
- Lime Juice, etc., etc.

Cossmann's General Stock has been replenished. It includes: Sugars, Teas, Coffees, Buckwheat, Pork, Beef, Lard, Her- ring, Codfish, Flour, Canned Goods, Preserves: In 7 pound tins and small bottles Plum, Rasp berry and Strawberry Crockeryware: Dinner Sets and Tea Sets. Telephone 68. Goods delivered free.

FIRE INSURANCE

THE MANCHESTER FIRE AS- SURANCE COMPANY.

ESTABLISHED 1824

Capital \$5,000,000

Total Funds Available for Fire Losses Exceed \$1,755,000.

TRANSACTS FIRE BUSINESS ONLY

Claims paid within a week after settlement.
For rates and other information apply to R. H. GRIFFITHS, AGENT, Lunenburg, N. S. 1-13