

# The First Scientific Warfare on Insanity.

A VIRTUALLY new school of medical science, incalculable in its importance, is foreshadowed in the gift by Henry Phipps of \$500,000 to Johns Hopkins University for the study of insanity.

Mr. Phipps has figured in a number of bequests that had for aim the amelioration of physical suffering. He gave \$1,000,000 to found the Phipps Institute for Tuberculosis Research in Philadelphia.

But the gift to the Baltimore institution is perhaps even more important from the fact that it means the beginning of a treatment on a big scale of the woes of the mentally unsound, whose humanitarian effects should be far reaching.

Man kind has long sought and long battled for a cure for consumption, but it is only within the last few years that intelligent modes of treating the mentally unbalanced have been worked out.

There are few more perplexing propositions with which medical science has to do than disorders of the brain. Not many years ago the unfortunate lunatic was treated as a beast, chained and caged with scant consideration. When the time came that the presence of an insane, or moderately insane person, in the community, became a peril, then incarceration was ordered, and if not completely a lunatic when the process began, the unfortunate victim was reasonably sure to be so before it ended.

PROMPTED BY THAW CASE.

It is said that Mr. Phipps was attracted to the need of developing more enlightened, more humane methods by the case of Harry Thaw. The appearance of that unfortunate young man in court stimulated Mr. Phipps to the need of finding means not only to treat insanity after it becomes clearly defined, but also to find a way of checking it in the incipient stages.

The purpose of the institution which Mr. Phipps has founded will be to devote special attention to the work of prevention, which necessarily includes the ability to make correct diagnoses of those forms of disease which upset the delicate balances of the brain.

The need for such an investigation is evident, for making due allowance for all exaggerations, it is an undoubted fact that insanity in the United States is on the increase. It is going ahead of the growth of population. Whatever can be done to discover the underlying causes of this tendency will constitute a service of the highest order.

Professor William H. Walsh of Johns Hopkins has just made an announcement that the money will be expended for the founding of a psychiatric clinic on the lines of a number of similar organizations in Europe.

The funds will pay for the erection of a four-story building on the grounds of the university to accommodate sixty patients, together with rooms for private patients, modern apparatus for use in the treatment of patients, and laboratories for the investigation of mental abnormalities by pathological, chemical and psychological methods.

In addition to the hospital will be the engagement of experts of the first order as doctors and nurses.

TO PREVENT VIOLENCE.

How completely helpless is the public in the face of the deeds of the mentally unbalanced is shown time and time again. The case of Harry Thaw, confined now in an asylum for the criminally insane, is an excellent instance.

Properly the condition of this unfortunate young man should have been known long before he committed the terrible deed that wrecked his life, and that of his unfortunate mother and family.

An advanced understanding of the incipient stages of insanity would have instantly told his family physician that the young millionaire was not a safe person to be at large. Then at a youthful age, before the advanced stage of insanity would have been given opportunity to develop, Harry could have been taken in hand for treatment and turned out either a restored, healthy and normal man, fit for a place in the world's activities, or if that were not possible, then kept in comfortable retirement where he could do no harm.

This is what the advanced knowledge of mental disorders ought to be able to bring about.

One of the great recent discoveries as to the cause of mental difficulties deals with the relieving of pressure on the brain. Surgeons have found that in many cases knoeks sustained in youth, while the bony framework of the skull was only in the hardening process, led to a permanent malformation of the skull, with the result that where an indentation had been made there was a pressure on the brain.

This led to a painful influence on the circulation of the blood through the seat of the thinking and reasoning powers and often caused insanity.

INSANITY DISEASE OF BLOOD.

By experiment surgeons concluded that it would be possible to cut the skull, remove the indented piece of the skull that caused the pressure, and

then substitute a silver plate. This has now been done in many cases, with a striking number of restorations to complete sanity.

But now surgeons are working on a still more astounding theory, which is certain to receive attention at the newly endowed Phipps Hospital. The theory shifts the cause of insanity from the brain to the blood.

Experiments have shown that the blood is the most hereditary thing about man. The possibility of analyzing the blood has demonstrated that it is the most distinctive thing about the human race. While some of his bones and much of his tissue may resemble that of the animal kingdom, his blood is absolutely distinctive. It is like nothing else in the world. The blood with a microscope can pick it out infallibly from a hundred specimens of gore, either fresh, coagulated or dried.

No anatomical investigation, microscope or otherwise, has availed to show the least difference in the condition of the brain cell or fiber of a person dying in an accident, the brain of a person dying in an accident, the brain of a person dying in an accident.

The same absence of brain changes is noticeable in the whole class of important nervous chronic diseases, such as migraine, neurasthenia, etc. No post-mortem on the brain of a person suffering from any of these diseases indicates the least difference in the condition of the brain.

With any diseases that affect the other vital organs of the body the ravages are obvious. The lungs show the presence of tuberculosis, hardening of the liver testifies that overindulgence in liquor has done its dread work, holes in the intestines testify the dread effects of peritonitis, heart disease produces unmistakable symptoms on the organ that does the blood pumping. But the brain shows nothing to indicate the least difference in the condition of the deceased.

This has led to the interesting theory, now held by many noted experts, that insanity is a disease of the blood and not of the brain.

They present the argument that the most flawless piece of machinery is useless without the fuel that drives it, and so no matter how perfect the brain, in its shape and size, it is of no value in its owner, unless the right kind of blood be pumped through it.

SEARCH FOR GERM OF MADNESS.

In the case of Thaw, his whole life was given to one reveal, the character of his food, his drink, and the effect on the blood of his other habits meant that he was constantly circulating through the delicate mechanism of his brain a flood of polluted, vitiated food. Eventually it must have affected the working of the organ, just the same as the injection of a quality of gasoline in the motor of a fine automobile will lead to deposits of carbon and other chemical impurities that will eventually render the machinery useless.

Experiments are now being made with the idea of discovering the germ of insanity in the blood. Then, by the same process that has banished the dread of diphtheria, for instance, the development of a serum that will be an antidote, the ravages of insanity will be amazingly reduced.

The Phipps bequest will give an admirable chance for extended experiment along this line, the first adequate opportunity yet presented in this country, and eventually it may mean as much to the happiness of the world as the institution directed to fighting tuberculosis.—Record-Herald.

HOW TO AVOID APPENDICITIS.

Most victims of appendicitis are those who are habitually constipated. Orino Laxative Fruit Syrup cures chronic constipation by stimulating the liver and bowels, and restores the natural action of the bowels. Orino Laxative Fruit Syrup does not nauseate or gripe and is mild and pleasant to take. Refuse substitutes. For sale by all Drug Stores.—The Never Substitutes.

THE MERCENARY WILLIE.

Craig Wadsworth, the best cotton leader in America, admitted at a dinner in New York that men were colder and more mercenary than women. "It is born in us," said Mr. Wadsworth sadly. "Even as children. When I was a boy," he said, "I had a little friend named Willie. Willie appeared one day with a fine apple."

"I'll give you this apple," he said to a little girl, "for twenty kisses."

"The little girl was amazed. That was not at all like Willie. Nevertheless she consented."

"Sit down here and shut your eyes. And mind, if you open them, the bargain is off."

"The little girl obeyed, and slowly, very slowly, the kisses began to fall upon her lips. One, two, three, four—a long pause—five, six—another long pause—seven—eight, nine, ten—intolerable pause."

"Oh, Willie, hurry!"

"I'm not Willie."

"The little girl opened her eyes in astonishment, and drew back her pretty mouth from the advancing lips of a handsome boy, a very common, shabby sort of boy, whom she had never seen before."

"Where's Willie?" she cried.

"He's down the street," was the reply. "He'll give you two apples apiece, better shut your eyes again. The next time boys are terrible ugly."

## FREE TO YOU—MY SISTER



Free to You and Every Sister Suffering from Women's Ailments.

I am a woman. I know women's sufferings. I have found the cure. I will mail, free of any charge, my home treatment with full instructions to any sufferer from women's ailments. I want to tell all women about this cure—your reader, for yourself, your daughter, your mother, or your sister. I want to tell you how to cure yourselves at home without the help of a doctor. Men cannot understand women's sufferings. What we women know from experience, we know better than any doctor. I know that my home treatment is a safe and sure cure for Leucorrhoea or White Discharge, Uterine Displacement, Falling of the Womb, Profuse, Scanty or Painful Periods, Uterine or Ovarian Tumors or Growths; also pains in the head, back and bowels, bearing down feelings, nervousness, creeping feeling up the spine, melancholy, desire to cry, hot flashes, weariness, kidney and bladder troubles, where caused by weaknesses peculiar to our sex.

I want to send you a complete ten day's treatment entirely free to prove to you that you can cure yourself at home, easily, quickly and surely. Remember, that it will cost you nothing to give the treatment. It will cost me only about 12 cents a week, or less than two cents a day. It will not interfere with your work or occupation. Just send me your name and address, tell me how you suffer if you wish, and I will send you the treatment for your cure, entirely free, in plain wrapper, by return mail. I will also send you free of cost, my book—"WOMAN'S OWN MEDICAL ADVISER," with explanatory illustrations showing why women suffer, and how they can easily cure themselves at home. Every woman should have it, and learn to think for herself. Then when the doctor says—"You must have an operation," you can decide for yourself. Thousands of women have cured themselves with my home remedy. It cures all, old or young. To Mothers of Daughters, I will explain a simple home treatment which speedily and effectually cures Leucorrhoea, Green Sickness and Painful or Irregular Menstruation in Young Ladies. Plumpness and health always result from its use.

Wherever you live, I can refer you to ladies of your own locality who know and will gladly tell you that this Home Treatment really cures all women's diseases, and makes women well, strong, plump and robust. Just send me your address, and the free ten day's treatment is yours, also the book. Write today, as you may not see this offer again. Address: MRS. M. SUMMERS, Box H. • • • • • Notre Dame, Ind., U. S. A.

## BEET SUGAR EQUALS THE CANE PRODUCT.

THE department of agriculture settles the much-discussed controversy over the relative merits and values of beet and cane sugars by declaring that there is no difference between them. In a late publication on this subject, the department says:

"Chemists generally concede that the sugar which occurs in the sugar cane is identical from the standpoint of chemical composition and structure with that found in the sugar maple, sugar beet, and many other vegetable products. As it occurs in nature, the sugar is accompanied by various other materials dissolved in the plant juices, and it is the presence of more or less of such bodies which

gives certain commercial sugar products, like molasses and maple syrup, their distinctive flavor.

"Old-fashioned brown sugar, maple sugar, crude beet sugar, butternut sugar, and other similar sugars differ in appearance, flavor and palatability, owing to the character of the plant products which remain with the sugar, but from all of them it is possible to obtain pure, colorless crystals, like those called rock candy, identical in appearance, flavor and other characteristics. If the crystals are fine and separate, we have granulated sugar, while if they adhere in large masses, lump sugar, cube sugar or other sugar grades result."

"The cane sugar industry is much older than the beet sugar industry, and since the days when the latter first assumed commercial importance, there has been more or less popular

discussion regarding the identity of the sugar from these two sources, and regarding the relative merits for household purposes of the two sorts as they are found on the market.

"It has often been said that beet sugar is not as sweet as cane sugar, notwithstanding the fact that chemists have known that, provided the two sorts of sugar are of equal degrees of fineness and granulation—and, hence, alike as to the ease or quickness with which a given quantity will dissolve—there is no difference in sweetness, for instance, when a spoonful is added to a cup of tea.

"Another common statement is that beet sugar cannot be used successfully for canning, jelly making and preserving. In earlier times, before methods of refining had been perfected, there may have been warrant for such a belief, but methods of purifying beet sugar were long ago perfected, and such sugar has been used for many years in this country and in Europe for all household purposes.

"An attempt was made to trace numerous reports to the effect that fruit had been lost through the use of beet sugar in canning, but in no instance was this found to be the case, though numerous letters were received in reply to inquiries which were sent out.

"The utter folly of this idea that beet sugar cannot be used for canning purposes is emphasized by the fact that practically all the sugar used in Germany and France for the purposes of canning and preserving is from the beet, and for many years American refined beet sugar was used without complaint in this country, because the people were not aware that it was derived from the beet. This sugar was brought here as raw sugar from Europe and refined at American refineries.

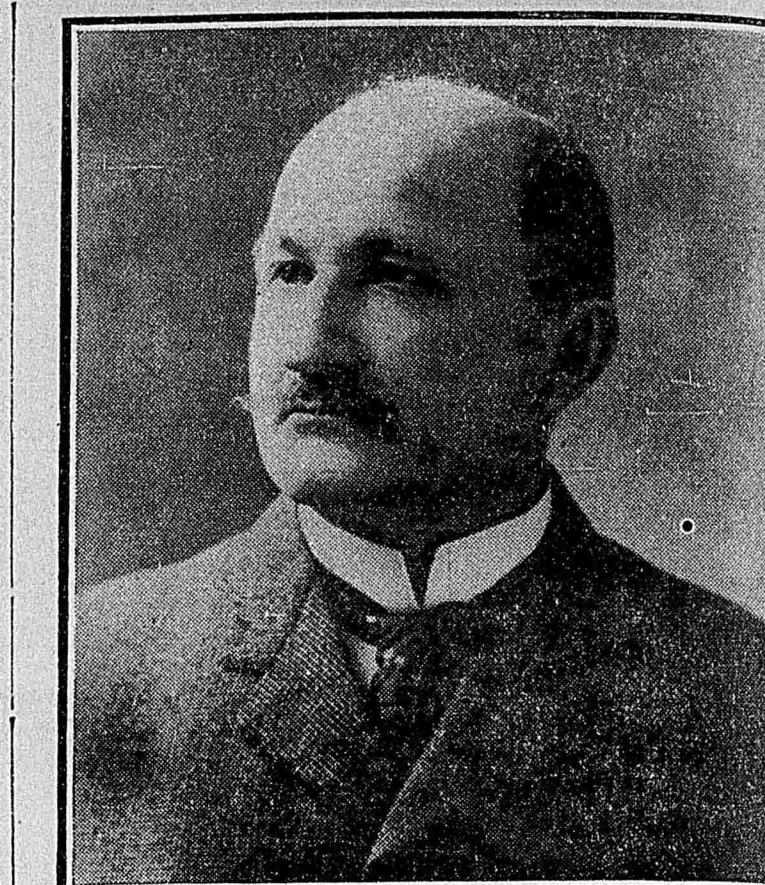
"Evidence shows that under both commercial and household conditions, beet sugar and cane sugar give equally satisfactory results for canning fruit and also for jelly making."

### A REALISTIC PAINTER.

The late John Lambert, the Philadelphia artist whose blindness, brought on by the dazzling sunshine of a Spanish summer, caused his death through grief, was a portrait painter of rare talent.

"Lambert," said a member of the Philadelphia club the other day, "was a realist. His portraits were true and unflattering. It annoyed him tremendously to be asked to make a ugly woman beautiful—it was the same thing he used to say, as being asked to lie."

"A Spruce-street matron sat to Lambert once. At the end of the third sitting she professed to be quite satis-



REAR ADMIRAL COWLES.

Rear Admiral Cowles, who was chief of the import bureau of equipment in Washington, is a naval officer who has seen service in every part of the world. He was attached to a number of diplomatic missions as naval attaché and has always occupied a fortunate and prominent place as a factor in naval affairs. He was born at Farmington, Conn., on Aug. 1, 1846, and graduated from the Naval academy at Annapolis, in 1867. He did not reach the rank of captain until Nov. 2, 1902, and in the meantime had served on the Mediterranean, Pacific, North Atlantic and Asiatic stations. He has commanded the warships Topeka, Fern and Missouri while on sea duty and was for a long time the naval aid to the president.

With the progress of the work, "All but the mouth," she said, "Please make it small and curved. I know it is a straight, long mouth really, just as you have drawn it, but in the portrait, I want you, if you will, to make it very thin. Will you?"

"Certainly, madam," said Lambert, "I'll leave it out altogether if you wish."

# TEET'S BARGAIN STORE SELLING OUT

We are going to Close Out our entire Stock at Once—We will turn the room over to other parties in October—This is no humbug, we are simply going out of business—We have always sold you goods lower than any one in the west—Now we will sell them still lower, VERY MUCH LOWER. Come and look through and see for yourself that we are selling at prices below anything ever offered here—We don't claim the largest store in the city but, our prices are lower for the same goods than any big or little store in Utah.

Everything is going to be sold at some price.

- ### BARGAINS
- Good Calico per yard ..... 4 1-2c
  - Outing Flannel ..... 4 3-4c
  - 14c EXTRA HEAVY CANTON FLANNEL TO CLOSE ..... 8c
  - Bed Ticking ..... 6c and up

- ### NOTION BARGAINS
- Gold Eyed Needles per dozen papers ..... 10c
  - Good Pins per dozen papers ..... 12c
  - 6 Dozen Hooks and Eyes for ..... 5c
  - 2 Dozen good Safety pins for ..... 75c
  - Good metal back horn combs ..... 5c
  - Good Rubber Fine Combs ..... 3c
  - 2 Stocking Darners for ..... 15c
  - Ironing Wax each ..... 1c
  - Talcum Powder ..... 5c
  - 1 dozen Steel Thimbles for ..... 8c
  - 1 dozen Aluminum Thimbles for ..... 8c
  - 12 dozen Pant buttons for ..... 5c
  - CLOTH BRUSHES ..... 5c and up
  - Turkey Red Marking Cotton ..... 1c
  - Shoe Brushes ..... 10c and up
  - Hair Brushes ..... 5c and up
  - Scrubbing Brushes ..... 5c
  - White wash brushes ..... 10c
  - Men's heavy Canvas Gloves per dozen 63c

- ### SHOES SHOES
- Men's Solid leather working Shoes only ..... \$1.25
  - Men's nice Shoes on Sale ..... \$1.75 and up
  - Ladies' Shoes from ..... 98c up
  - Ladies' good Oxfords to close ..... 98c
  - MISSIES' AND CHILDREN'S SCHOOL SHOES AT A BARGAIN.
  - Ladies' or Gent's carpet slippers ..... 33c
  - 7 Bars of Swifts White Laundry Soap 25c

- ### BOY'S CLOTHING BARGAINS
- Must close out this clothing.
  - Boys' knee pants ..... 98c
  - Boys' \$1.75 and \$2.00 will now go at ..... \$1.25
  - Boys' \$2.50 and \$3.00 Suits now only ..... \$1.05
  - Men's \$1.50 and \$1.75 pants for ..... 98c
  - Men's \$2.50 and \$3.00 Suits only ..... \$1.75
  - 11 Bars of Nugget Soap for 25c

- ### GREAT BARGAINS IN GRANITWARE
- We have tons and tons of Granitware to close out.
  - 2 GRANITE CUPS FOR ..... 5c
  - Granite Dippers ..... 5c
  - Small Granite Sauce Pans ..... 5c
  - Granite Pie Pans ..... 5c
  - Granite Coffee Pots ..... 10c
  - Double Granite Rice Boilers ..... 30c
  - Granite Wash Basins ..... 10c
  - Granite Tea Kettles ..... 48c
  - Galvanized Water Pails ..... 15c
  - Ladies' \$2.50 Patent Leather Oxfords \$1.25

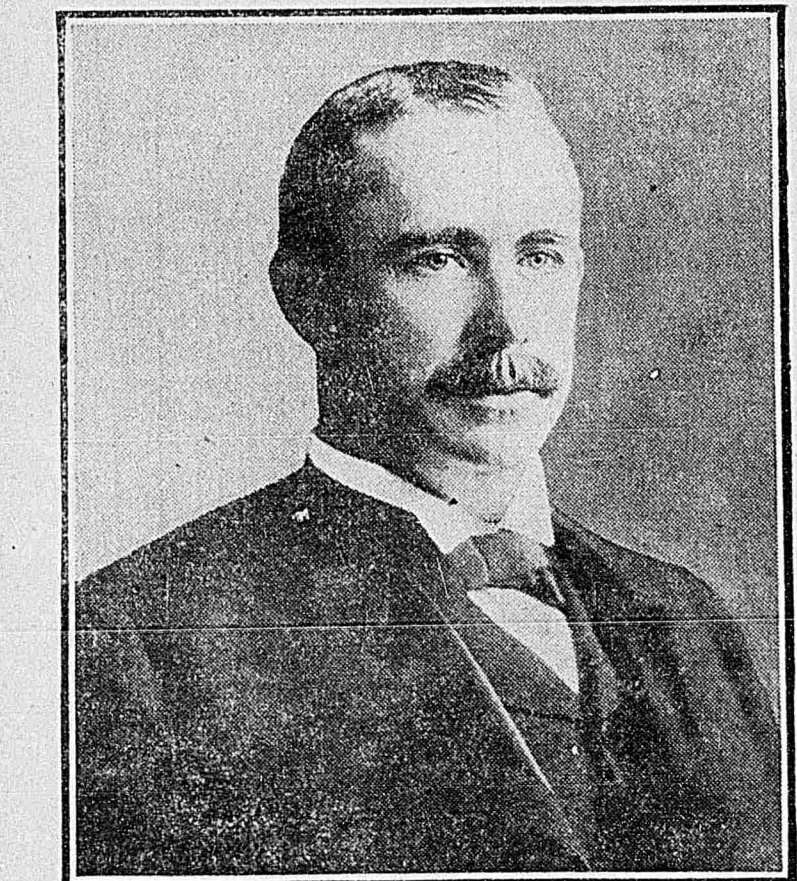
- ### HOSIERY SPECIALS
- See these prices.
  - Ladies' Hose ..... 5c and up
  - Ladies' Fast Black Hose ..... 8 1-3c and up
  - Misses' and Children's good Ribbed hose 3 pair for 25c
  - LADIES' 35c WHITE LACE HOSE TO CLOSE ..... 15c
  - Burton Stockings for Ladies ..... 15c
  - All 48c and 50c fancy hose to go at ..... 23c
  - LADIES' GOOD RIB TOP WOOL HOSE WHILE THEY LAST ..... 15c
  - Table Oil Cloth per bolt only \$1.80

- ### CROCKERY GLASSWARE
- Here are car loads of Crockery to close out at unheard of prices.
  - 6 White Desert Dishes for ..... 15c
  - 6 Oatmeal Dishes ..... 25c
  - 6 White Plates for ..... 25c
  - 6 White Tea Cups and Saucers for ..... 30c
  - 6 Glass Desert Dishes for ..... 18c
  - Large Glass Berry Bowls ..... 10c and 15c
  - All other Crockery and Glassware in proportion.
  - 14c Extra heavy Canton Flannel for 8c

- ### CARPETS and RUGS
- Buy your Carpets and rugs now, you won't get them at these prices again. Yard Carpets to go at 23c
  - 45c Heavy yard wide carpets now ..... 33c
  - Beautiful 75c Brussels carpet at ..... 30c
  - EXTRA SPECIAL BARGAINS IN RUGS.
  - Shelf Oil Cloth per yard ..... 5c
  - 3 Brass Curtain Rods for 10c

- ### LADIES SKIRTS
- LADIES \$3.00 HEATHER BLOOM SKIRTS ON SALE ..... \$1.48
  - Ladies' Satcen sale price ..... 48c, 75c, 98c and up
  - EVERYTHING IN LADIES' SKIRTS AND COATS TO GO AT A GREAT BARGAIN.
  - Men's \$1.50 & \$2.00 Hats, selling out at 75c

- ### LACE CURTAINS
- Lace Curtains from ..... 33c up
  - We have Blankets, Quilts, Trunks, Suit Cases, and full line of Hardware and Tools.
  - ALL GOING AT SAME PRICE.



W. S. COWHERD, OF MISSOURI

Hon. William Stetson Cowherd, who has been nominated by the Democrats of Missouri as their standard-bearer in the coming election for governor of that state, is a well-known lawyer who was born in Jackson county, Mo., on Sept. 1, 1859. His boyhood was passed at Lee's Summit, a picturesque portion of Missouri; and he went to the public schools there. Later he entered the University of Missouri, where he graduated and later studied law, being admitted to the practice of his profession in 1882. He has built up a big legal business and his professional abilities make him one of the chief leaders of the Missouri bar. He makes his home in Kansas City, Mo.

Remember The Place THE CHEAPEAST STORE IN THE WEST  
**F. M. TEET'S, Bargain Store**  
114, 116, 118 STATE STREET