THE LONDON WATER.

How It Is Purified Before Being Used in the Metropolis.

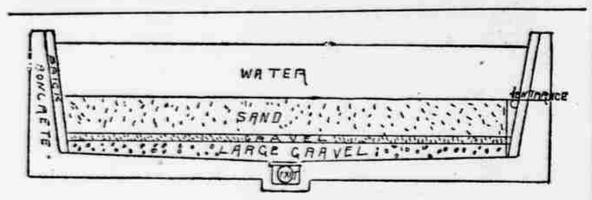
A SAFEGUARD AGAINST CHOLERA.

Information Which May Be of Value to Local Inquirers.

PART OF THE SUPPLY SUBTERRANEAN

The two great safeguards for London against cholera are good drainage and good water supply, according to the *Pall Mall Budget*, which describes the method by which Thames and other water is made drinkable before it is supplied to the consumer.

For a considerable period in the early history of the companies supplying Thames water to London no attempt was made at filtration. The water in question was drawn from the river at London Bridge, and delivered in all its native impurity—in fact, like the quality of mercy, unstrained. The London Bridge waterworks, which consisted of distributing conduits connected with ponderous wheels constructed under certain of the arches of the bridge, after an existence of more than two centuries, were removed in the year 1822 to make room for the new bridge. But the Thames companies continued to derive their supply of water from the tidal portion of the river between Southwark and Chelsea, some on the north



and some on the south side. It cannot be said that this state of affairs gave unlimited satisfaction to the consumers. As early, indeed, as the year 1827, a pamphlet entitled "The Dolphin" was published, in which the state of the water supply was severely handled. No effective measures for its improvement, however, were taken until 1847, when the Lambeth Company made preparations to remove its source of supply to Thames Ditton, a course which was subsequently followed by all the companies, under the gentle pressure, in some cases, of the water act of 1852.

Early Efforts at Purification.

But the companies had already taken some action for the purification of the water; subsiding beds were provided so that the fluid portion of the river was alone supplied to the consumers, and a system of filtration even was adopted by the Chelsea and some other companies. It is but fair to add that the companies appear to have recognized their responsibilities, in spite of difficulties such as the opposition on æsthetic grounds, some 10 or 12 years since, to the extension of the Chelsea Company's storage reservoirs and filtering beds.

The metropolis water act of 1852 marked an era in the water supply of London. After a few years of grace, to enable the companies to carry out the necessary works, the taking of water for domestic use from the river below Teddington Lock was prohibited, every reservoir for the storage of water for domestic use was to be covered over if situate within five miles of St. Paul's Cathedral, all water supplied for domestic use was to be effectually filtered, and provision was made for a constant supply under certain conditions. This act was amended and extended in 1871 by a further act, which it is not necessary for present purposes to notice.

Interesting, however, as the history of the London water supply is, the point to which most importance attaches at the present juncture is the quality of the water under existing circumstances. The supply for all purposes, including domestic use, street-watering, sewer-flushing, fire extinction, and trade, is now about 200,000,000 of gallons a day. The area of supply extends far beyond the boundaries of the county of London, and is estimated to contain a population of 5,500,000. Rather more than half the water supplied is taken from the Thames, about 30 per cent is drawn from the Lea, and the remainder from springs and wells. It is evident that the purity of the river water as delivered to its consumers is of primary importance, and that any impurity in the companies' reservoirs or mains may have a very serious influence upon the health of London.

From the River to the Tap.

It may, therefore, be interesting to inquire how the river water is dealt with from the time when it leaves its bed until it reaches the consumer's premises. All the companies supplying river water, whether from the Thames or Lea, have subsidence reservoirs, into which the water is first turned for the purpose of allowing such of the suspended solid matter as will to settle, as well as filter beds, through which the water must afterwards pass before entering the reservoirs supplying the public; but the mode in which the filter beds are constructed differs. Thus the depth of the materials of which the filtering bed is made up varies from a total of 8 feet at the Chelsea waterworks to 3 feet 6 inches at the East London waterworks. The section which we give shows the materials employed by the Grand Junction Company at the Kew Bridge waterworks. There is a foot of coarse gravel, six inches of fine boggin, and three feet of sand. A good rate of percolation is four inches an hour, so that it would take about nine hours for the water to pass through a sand bed of this depth.

The nature of the material used for filtering also varies slightly. Without going into unnecessary detail, it may be sufficient to say that a layer of fine sand, varying from two feet to four and a half feet in depth, forms the surface in each case. Layers of shells, boggin, coarse gravel, and boulders, or some of these materials, form the lower strata of the filter bed; but it seems to be universally agreed that the surface of the bed is a more important factor than the lower layers.

Renewing the Filter.

In the early days of the domestic filter it was by no means an uncommon thing for the filter to be retained in use without attention until it actually became so clogged with impurities as to be unable to perform its functions. It may be so still in many households, for the public are astonishingly slow to learn or adopt means of security. It need scarcely be said that a neglected filter is of little use, and may even communicate contamination. The water companies, therefore, observe the flow through the filter beds, and at frequent intervals, suggested by experience, cause the surface of the sand to be removed for cleansing, and at longer intervals the whole bed to be entirely renewed.

A very ingenious contrivance has been patented by the engineers of the Grand Junction Waterworks for the washing of sand from the filter beds, as well as all new sand which is employed. We give a sketch which shows the machinery at work in renewing one of the largest filters at Kew Bridge. The sand is thrown into an iron hopper from wheelbarrows. A jet of water at high pressure drives it up a pipe into a second hopper.

Arrived there the heavier particles sink, while the lighter, including the accumulation of mud, run away in an overflow of water. This operation is gone through in nine hoppers, when the sand is delivered crisp and fresh into a trolley, ready to be spread upon the filter bed.

The companies together have 53 subsiding reservoirs for unfiltered water, covering 480 acres, and possessing a capacity of nearly 1,300,000,000 gallons, and 107 filter beds covering nearly 110 acres.

A Partial Subterranean Supply.

It is a fact, moreover, not generally known that at least three of the Thames water companies, either habitually or occasionally, supplement their supply from subterranean sources. According to the late Mr. J. Thornhill Harrison, there is a very large volume of water steadily flowing as an underground river along the gravel bed which overlies the London clay, and it is apparently this underground river which has been tapped. The importance of this additional source of supply lies in the fact that the water derived therefrom can be at once turned into the filter bed without passing through the subsidence reservoir, and thus practically render the companies largely independent of the open river in times of flood. This water has, in fact, been already filtered by nature, and therefore passes through the filter beds of the companies almost as a matter of form.

The question remains to be considered whether the filtration, as carried out by the companies, is effectual. Fortunately this can be answered by two facts. In the first place, the annual rate of mortality in London is lower than that of towns supplied with a theoretically better class of water; and, secondly, no epidemic in London has ever, at any rate of late years, been traced to the water supply. Both these facts may, indeed, be strengthened. The mortality in London from diseases which are commonly thought to be communicable by contaminated water is exceptionally low, and is apparently at least as low in those districts which are supplied with filtered river water as in those supplied with the unfiltered deep-well water, excellent as it is, supplied by the Kent Company. Again, although some time since typhoid fever was epidemic as near the intake as Staines, there was no appreciable effect on the rate of mortality in London, either from general causes or typhoid and kindred complaints.

OPPOSED TO ELOPEMENTS.

A Scranton Priest Says He Means to See That They Are Stopped.

SCRANTON, Oct. 19.—*[Special.]*—At the masses at the Cathedral yesterday Father O'Reilly took occasion to condemn most severely the elopement craze that has been going on in this city for several months. He entered a most emphatic protest against the young people of his congregation going to Binghamton, New York City and other points outside the State to be married without the consent of their parents or guardians.

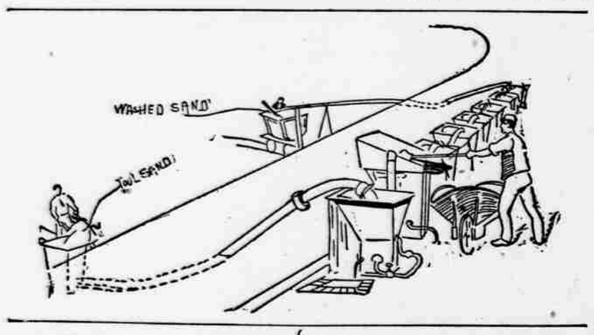
This is against the rules of the Catholic Church, he said, and, so far as his parishioners are concerned, he proposes to put a stop to it. If the announcement of his purpose is not sufficient he will adopt more severe means.

A PEOPLE'S PARTY KNOCK-OUT.

Some Indians in South Dakota to Have a Vote in Spite of Populists.

YANKTON, S. D., Oct. 19.—Judge Smith has issued a writ of mandamus to compel the Commissioners of Charles Mix county to establish voting places on the Yankton Indian reservation. This is a case of a People's party Board of Commissioners endeavoring to prevent the Indians from voting. There are 700 Indians on the reservation who have taken land in severalty and who are qualified voters, and they want a chance to vote.

The Commissioners were petitioned to establish voting places, but this they declined to do. The Indians, however, acting upon the advice of counsel, decided to compel the Commissioners to take action.



TREATMENT OF CHOLERA.

Horsford's Acid Phosphate.

Dr. Charles Gatchell, of Chicago, in his "Treatment of Cholera," says: "As it is known that the cholera microbe does not flourish in acid solutions, it would be well to slightly acidulate the drinking water. This may be done by adding to each glass of water half a teaspoonful of Horsford's Acid Phosphate. This will not only render the water of an acid reaction, but also render boiled water more agreeable to the taste. It may be sweetened if desired. The Acid Phosphate taken as recommended, will also tend to invigorate the system and correct debility, thus giving increased power of resistance to disease. It is the acid of the system a product of the gastric functions, and hence will not create that disturbance liable to follow the use of mineral acids."

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We will suit you in quality, price and terms. Chickering pianos, Hardman pianos, Krakauer pianos, Kimball pianos, Vose & Sons' pianos. These pianos are familiarly known to everyone throughout the globe, and are the "kings" in the music world. We stake our reputation, acquired through the existence of our concern for over 61 years, on the merits of our instruments. Send to us for circulars regarding the "easy payment plan."

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Of fire or thieves, but keep your valuable papers, bonds, etc., in the safe deposit vaults of the Farmers' Deposit National Bank, 66 Fourth avenue. Boxes rented at $5 a year and upward.

Trimmed Sailor

Hats at 48c: former price 85c. Come and see.

E. S. GILES,
92, 94 and 96 Federal street,
Allegheny.

ONLY ONE OIL WELL

Was Reported in the Southwestern Fields Yesterday.

IT IS LOCATED NEAR VENICE.

No Changes Made in the Undercliff Thirty-Foot District.

NEWS FROM AROUND SISTERSVILLE

There were but few changes yesterday in the Pennsylvania oil fields. No wells of any consequence were brought in, and the general production was not increased.

The only well in the McDonald field reported to be making 20 barrels an hour yesterday was the People's Gas Company's No 155 on the Dixon farm, located south of Willow Grove.

The estimated production was given as 20,000 barrels, which is the same as the day before.

Sistersville runs were given as 11,454 barrels.

Greenlee & Forst's well on the Oak Ridge Coal Company's property was reported as having gone up from 10 to 15 or 20 barrels an hour.

The Philadelphia Company got a showing of oil yesterday in its No. 4 on the Stirling farm, near Venice, five miles south of McDonald. They struck the oil in the 50-foot sand.

The Devonian Oil Company was on top of sand last evening in its No. 3, on the J. W. Robb farm, and in No. 9, on the Elliott heirs.

Patterson & Sohn made an effort yesterday to drill in their well on the Erhmentrout farm, near Undercliff, but owing to the gas and the difficulty in getting water to the bottom of the hole, they made but little headway.

There are reports in circulation of a couple of good wells in Doddridge county, W. Va., but nothing definite can be learned regarding their capacity, or the sand in which the oil, if any, was found. There is some excitement in the vicinity according to the late reports.

Wells at Sistersville.

SISTERSVILLE—J. M. Guffey, Russell & McMullen are down 1,600 feet in a well on Elk Fork creek, located eight miles east of Sistersville.

The Emery Oil Company's No. 4 Whitten, on the Ohio side of the river and north of the other wells in the field, is good for 300 barrels a day.

It is reported that there are 60 drilling wells, 30 rigs up and building and 170 producing wells in this field.

S. S. Wilson is down nearly 1,700 feet in his wildcat well in Wayne county, W. Va.

HAMBURG, N. Y.—The test gas well which is being put down on the Cooper Ridge tract, near this place, is showing good. If it is a good well Charles L. Abel & Co., of Buffalo, will drill a number of other wells.

MADISON—James Deeds finished a dry hole on the Ehret farm, near this place, yesterday.

The Gauges.

The production of McDonald was 20,000 yesterday, the same as the day before. The hourly gauges of the largest wells at McDonald yesterday were as follows: People's Gas Company's No. 155 Dixon, 20. The estimated production was 20,000; stock in field, 47,000.

The runs from the Sistersville field were 11,454 barrels on Tuesday.

Runs and Shipments Tuesday.

The Tuesday runs of the National Transit Company were 32,735; shipments, 7,574. Southwest runs from McDonald were 15,848; outside of McDonald, 7,664; total, 23,511. Buckeye Pipe Line runs from the Macksburg field, 7,827; shipments, 249. Buckeye runs of Lima oil, 50,746; shipments, 41,415. Eureka Pipe Line runs, 7,951; shipments, 1,837. Southern Pipe Line shipments, 16,201. New York Transit shipments, 48,759.

The Western and Atlantic lines ran 3,643 barrels Tuesday; shipments, 2,382.

The runs of the W. L. Mellon lines on Tuesday were 9,825; receipts from other lines, 575; total receipts, 10,400; shipments, 7,268.

The runs of the Tidewater Pipe Line Company on Monday were 5,042; total for the month, 50,887; average, 2,993; shipments 30,661; total, 123,339; average, 7,255.

The Oil Market.

Range of the November option: Opening, 51c; highest, 51¾c; lowest, 51c; closing, 51c. Sales, 10,000; clearances, 92,000.

Refined oil—New York, 6c; London, 4⅞@4 15-16d; Antwerp, 12¾f.

NEW YORK, Oct. 19.—The petroleum market opened dull and continued quiet and steady throughout the day. Pennsylvania oil, spot sales, none; November option, 5,000 barrels at 51c. Lima oil, sales none; 17c bid. Total sales, 1,000 barrels.

LATE NEWS IN BRIEF.

—Cotton spinners of Lancashire, England, will reduce wages.

—A Hamburg sewer caved in yesterday, burying 14 workmen.

—Heavy rains have retarded the French advance in Dahomey.

—An International Geographical Congress is in session at Madrid.

—Northwestern railroads are pleased with the joint tariff decision.

—The Carmaux miners in France have consented to arbitration.

—The National Builders' Association will meet in St. Louis next March.

—Cretans are on the war path, owing to a breach of faith on the part of Turkey.

—A hurricane in the State of Tabasco, Mexico, damaged buildings and plantations.

—The new Spanish-American commercial treaty is claimed in Spain to be favorable to that country.

—The first shipment of iron ore from the Mesaba range reached Duluth Tuesday. It is of a very fine quality.

—The Tasmanian Assembly has imposed a tax of 2½ per cent on the receipts of companies when above £150.

—Turkey has rejected Russia's demand that the Sultan give no audience to M. Stambouloff, the Bulgarian Premier.

—A wife murderer named Meller, at Oldham, England, was caught in the act of burying his victim under the kitchen floor.

—Fifty armed men belonging to three Kentucky factions are lying in wait for one another near Lebanon, Ky. Travel in that section is suspended.

—The days of the Hungarian Cabinet are said to be numbered. The crisis is due to the Government's inability to carry the civil marriage and other bills.

—The accidental explosion of 75 pounds of dynamite at the Government dredge boat near Chattanooga sank the craft and blew off the head of Charles Gunia, a laborer.

—London *Truth* says that when Froude's "Reminiscences of Carlisle" was published a few years ago, Tennyson in a fit of alarm destroyed a mass of his letters and manuscripts.

—A San Francisco electrician, Gus Erricksen, in touching a live wire received 3,400 volts in his body, but though terribly injured he will live. Fire rolled from his eyes and mouth.

—Mr. Morley, the Chief Secretary of Ireland, and Mr. Asquith, the Home Secretary, have refused to accept a deputation of Dublin Parnellites who desire to urge the Government to grant amnesty to the Irish political prisoners.

—It is reported that the Ameer of Afghanistan will take his illegitimate son to Jellabad to seek General Roberts' support of his accession to the throne, in the belief that English influence will overcome the objections of his subjects.

—The London *Chronicle* says the decision of the United States Supreme Court in the Michigan electoral case is the most important and far-reaching promulgated in years, and that it will probably result in the downfall of the Electoral College and in the election of the President by direct vote of the people.

STRAIGHT STAGE TIPS.

MANAGER CHARLES L. DAVIS is rehearsing "Alvin Joslyn" in New York, and will start upon the road next Monday.

ROSINA VOKES is singing a new song and dancing a new dance in her new comedy, "The Paper Chase," which she has added to her repertoire this year.

"TWO OLD CRONIES" will be seen at Harris' Theater next week. The company presenting the comedy is said to be larger and better than on any previous presentation.

AN extra matinee will be given at the Grand Opera House to-morrow afternoon (Columbus Day) at the regular matinee prices. The attraction is "A Railroad Ticket."

AT the Duquesne Friday evening "Star Spangled Banner" and "Hail Columbia" will be given by the Dixey Company in the last act of the "Mascot." Mr. Dixey will relate his inimitable story of the "Discovery of America."

MANAGER HAYMAN, of the Chas. Frohman Company, delights in introducing people to the only leading lady in the business who is really and truly under control of her managers. She is barely three feet high, is little Ethel Black, but she is a wonderful little actress.

THE New York papers this week say that The Boston Howard Athenæum Company, which is playing at Tony Pastor's, is better than ever. Bertholdi, the wonderful equilibrist, is still the chief star, but there are a lot of new people in the company, which comes, by the way, to the Grand Opera House next week.

A NEW comedy of the type now prevalent and popular was produced in Boston on Monday. It is called "The Sportsman," and it is a big hit. The Charles Frohman Company, which played "Mr. Wilkinson's Widows" here last season, or the best part of it, Joseph Holland and Georgie Drew Barrymore, especially, is doing the new play.

NEW YORK does not appear to be overburdened with theatrical novelties or plays of real importance this week. At the Broadway Theater De Wolf Hopper has put on "The Lady or the Tiger" once more. This is the comic opera Rosenfeld wrote for McCaull a long while ago, and Pittsburg has never seen it. De Angelis shares the comedy honors with Hopper. A New York critic complains that no one falls downstairs, does a skirt dance, or even sings a topical song in "The Lady or the Tiger." The chief sensation appears to have been Delia Fox's return to skirts, raspberry ice-colored ones at that, with her waist under arm-pits.

THE only English star of prominence whom Americans have not seen will visit this country shortly. This is Mrs. Bernard Beere. Manager Marcus Mayer has a lovely woman in Mrs. Beere to show Americans. She is said to have a most fascinating smile, and, though she is a large woman, 5 feet 8 inches in height, is said to resemble the Bernhardt in her cat-like suppleness and grace. Her eyes are gray, with laughter in them usually when the actress is at home, and those who have heard her render a ballad in a rich mezzo-soprano voice say that she might easily have made her mark as a singer. She will appear in "As in a Looking Glass" and "Fedora."

THERE is little doubt but that "Imagination," which is to be done next week at the Alvin Theater, will excite considerable attention here. It rather shocked and thoroughly amused people in New York when it was produced there and since then has excited several other large centers of population. In Chicago the critics have been talking columns about "Imagination" and the theater where it has been given has been packed. Therefore it is clearly a play of real attractiveness. Sydney Rosenfeld, the prolific adapter and writer, wrote "Imagination." The company which will appear in it next week at the Alvin Theater will be equal to the work. The chief object aimed at by "Imagination" is to make people laugh.

THE performance of "The Mascot" at the Duquesne Theater pleases the majority, but it puzzles a good many to account for Mr. Dixey's exclusion of humor from the first two-thirds of his impersonation. The last act brings out both Dixey and Lennox in the broadest of comedy, and is unquestionably the most enjoyed. Miss Gordon has never sung so well here as in the part of *Bettina;* her voice has mellowed and her method has improved wonderfully, and in fine she is very near the ideal comic opera artiste. Her singing last night was exquisite, and she tenderness and glamor she manages to put into the word "gobble" in the famous duet is alone proof positive of her skill as an actress as well as a singer. Signor Tagliapietra is delightful when he sings.

It can be said with reason that few amusement enterprises will start out with brighter prospects than the Manola-Mason Company, of which John Mason and Marion Manola are the stars. It is a venture the importance of which is not to be underrated, since failure means relegation to the dreary round of a salaried existence, while success means fame, friends and about all that money can buy. "Jack," who despite his many successes has been looked upon as somewhat of a dilettante, has developed a business-like earnestness and directness of purpose which is most inspiring to his associates, and he is steadfastly aided in every effort by the professional and conjugal devotion of his talented and charming wife. These two should deserve well of the amusement public. They come to the Duquesne for the coming week and may good luck attend them.

JAMES GETTY & CO.,

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Announce that they have some of the celebrated O. F. C. Whisky which has become so popular in the New York clubs and is being used so extensively by those who insist upon having the purest and best. The flavor of this celebrated Whisky is something unusual, and it is admittedly the choicest article upon the market. Speaking concerning it a prominent man recently said:

"It requires a refined taste to appreciate a fine Whisky. O. F. C. has become popular because it is so fine, and its popularity shows that the public taste is becoming more refined. I do not see why people will use an inferior article when they can secure the best at practically the same figure. I use only O. F. C."

If you have never tasted this celebrated Whisky you should certainly try it.

Improvement, the Promise of Cure.

No array of words can give a dyspeptic one-half the hope that comes from the relief which always follows the use of Burdock Blood Bitters, and the promise of cure is never broken.

"Having suffered from dyspepsia for two or three years, I decided to try B. B. B. and after taking one bottle I found myself so much better I got another bottle and after taking that I had no more need of medicine.

"MRS. G. C. WHITE,
Taberg, N. Y."

Don't pay for daily bread and then groan with dyspepsia, when a bottle of B. B. B. will give you relief. Repeated tests with uniform success prove that dyspepsia cannot withstand B. B. B.

"I have taken the second bottle of Burdock Blood Bitters, and it has cured me of dyspepsia with which I suffered for six years. "W. W. HAMILTON,
Lock Haven, Pa."

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ABSOLUTELY PURE

WONDERS.

Four Which Are Most Certainly Amazing.

Something Which Has Set a Great Many Tongues Talking

And Will Greatly Please and Particularly Interest You.

Wonders will never cease. The writer having had four of these wonders come under his personal knowledge, deems them of enough importance to be placed before the readers of this paper.

So many people know David Noyes of Manchester, N. Y., that his own words will be strongest: "I suffered from heart disease for six years," he said, "and for the past two years was unable to do any work whatever. I was told by my physician that I never could get well. I was also paralyzed on the right side, from the hip down; and suffered severely with lumbago, and a trembling of the hands. I am now taking the seventh bottle of Dr. Greene's Nervura blood and nerve remedy, and feel entirely cured of all these troubles, and feel like a well man. It is the grandest medicine ever made, and all my friends are amazed at the cure."

The second wonder. Mr. Michael Crowley, of 74 Laight street, New York City, will tell in his own way: "I was suffering from inflammatory rheumatism, and could not eat or sleep, and doctor's prescriptions had no effect to relieve me. After taking two bottles of Dr. Greene's Nervura blood and nerve remedy, I can eat and sleep well, and I think it has saved my life. I am getting better every day. One week ago I could not walk, now I can walk a mile. It is a wonderful medicine."

The third wonder, S. A. Dysart, of Nortondale, N. B., will tell himself: "For the benefit of those who may be suffering and fail to find relief, I desire to state my case. For over a year I suffered from a heart disease, a constant pain, with severe attacks of palpitation, until I anticipated a sudden death at any time. I became weak and debilitated, with a loss of energy, despondency, etc. Hearing Dr. Greene lecture, he so faithfully described my condition that I determined to try Dr. Greene's Nervura blood and nerve remedy. My improvement has been continuous and rapid. I have taken five bottles, and the pain and palpitation are gone. I sleep well, have an excellent appetite and feel well."

The fourth wonder is presented by Mrs. F. G. Hicks, of 32 Avenue A, Vick Park, Rochester, N. Y. She says: "I give this testimonial for the benefit of others. I had given up all hope of being cured; had doctored and tried everything. My trouble was neuralgia of the stomach. Dr. Greene's Nervura blood and nerve remedy was recommended to me. I took six bottles. It perfectly cured me, and I earnestly recommend it to all."

Now, when it is considered that this remarkable medicine is purely vegetable and harmless, and for sale by all druggists at $1 00, it seems strange that so many people should unnecessarily suffer from the pains and weakness of disease when this sure and positive cure is within the reach of all.

It is the discovery and prescription of the eminent physician, Dr. Greene, of 35 W. 14th Street, New York, who is without doubt the most successful specialist in curing nervous and chronic complaints. He can be consulted free, personally or by letter.

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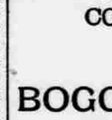

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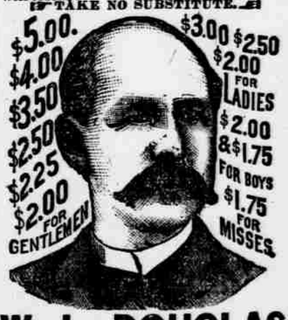

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THE BEST SHOE IN THE WORLD FOR THE MONEY.

A genuine sewed shoe, *that will not rip*, fine calf, seamless, smooth inside, flexible, more comfortable, stylish and durable than any other shoe ever sold at the price. Equals custom-made shoes costing from $4 to $5.

$4 and $5 Hand-sewed, fine calf shoes. The $4 most stylish, easy and durable shoes ever sold at the price. They equal *fine* imported shoes costing from $8 to $12.

All other grades of the same high standard of excellence.

CAUTION.—Beware of dealers substituting shoes without W. L. Douglas name and the price stamped on bottom. Such substitutions are fraudulent and subject to prosecution by law for obtaining money under false pretences.

W. L. DOUGLAS, Brockton, Mass. Sold by D. Carter, 71 Fifth avenue; J. N. Frohring, 38 Fifth avenue; H. J. & G. M. Lang, 4501 Butler street, Pittsburg; Henry Rosser, 108 Federal street; E. G. Hollman, No. 72 Rebecca street, Allegheny; Hutchinson Bros., No. 290 Beaver avenue, Allegheny; James Shilliday, No. 506 Fifth avenue; Wolf Bros., No. 288 Carson street, Pittsburg. TTS

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Softens Water.

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JUST FANCY

1,000 (One Thousand) Trimmed Hats, Turbans, Toques and Bonnets spread out before you. Quite a collection, isn't it? Well, we not only have this number, but, as a matter of fact, every day brings additions to the large and varied assortment shown here. There's nothing to compare with our exhibit of Ladies' Headwear in the two cities.

Included in this grand array are Trimmed Hats for Children, Girls, Misses and Ladies (young and old) in every desirable shape, style and color. Prices range from $1.50 to $25. For quality of material, excellence of style and lowness of prices

WE CAN'T BE BEAT,

And these very features have made us what we are to-day—the acknowledged leaders in Millinery. Just read along—it will pay you:

Untrimmed Felt Hats at 48c, 58c and 72c.

Fine French Fur Felt Hats at 98c, $1 22, $1 38 and $1 48. These we guarantee as good as any hats purchased elsewhere costing a dollar apiece more.

Cloth Sailor Hats, ready for wear, at 44c; with velvet crown, 48c.

Untrimmed Felt Sailors at 50c and 58c.

Trimmed Felt Sailors at 68c, 72c and 75c.

Finest Fur Felt Sailors at 98c, $1 22 and $1 48—all of these in black, navy and brown.

Trimmed Tourist Hats in black, navy and brown, at 75c, worth $1; same at 85c, worth $1 25; same in fine felt at $1 25, worth $2.

RIBBONS,

FANCY FEATHERS, ETC.

Our line of Millinery Trimmings is sufficiently large to satisfy all tastes and prices are extremely moderate.

Largest line of Rhinestone, Jet and Gilt Buckles.

Largest line of Aigrettes, Whips, Pompons and Fancy Feathers.

Every Shade of Ostrich and Prince of Wales Tips—the finest Black Ostrich Tips to be seen anywhere.

Largest line of Millinery and Trimming Ribbons and Velvets in four qualities to match.

To sum up in a word, we have never before offered such a fine line of Millinery Goods, and our prices, always reasonable, were never more so than now. Come and look through this department. It won't cost you anything, but may mean a considerable reduction in your expense account.

Rosenbaum & Co.

510, 512, 514, 516, 518 MARKET ST.

oc18-TTS

CREDIT KOEHLER'S Installment House

We occupy the entire building

17 Sixth Street, MENS' AND BOY'S

Clothing on Credit

(Ready-Made & to Order.)

LADIES' CLOAKS & JACKETS,

Watches & Jewelry,

ON INSTALLMENTS.

Cash Prices--Without Security.

TERMS: One-third of the amount purchased must be paid down; the balance in small weekly or monthly payments. Business transacted strictly confidential. Open daily, from 8 A. M. to 9 P. M. Saturdays until 11 P. M.

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814 PENN AVENUE, PITTSBURG, PA.

As old residents know and back files of Pittsburg papers prove, is the oldest established and most prominent physician in the city, devoting special attention to all chronic diseases. From responsible persons

NO FEE UNTIL CURED

NERVOUS and mental diseases, physical decay, nervous debility, lack of energy, ambition and hope, impaired memory, disordered sight, self distrust, bashfulness, dizziness, sleeplessness, pimples, eruptions, impoverished blood, failing powers, organic weakness, dyspepsia, constipation, consumption, unfitting the person for business, society and marriage, permanently, safely and privately cured

BLOOD AND SKIN diseases in all stages, eruptions, blotches, falling hair, bones, pains, glandular swellings, ulcerations of the tongue, mouth, throat, ulcers, old sores, are cured for life, and blood poisons thoroughly eradicated from the system.

URINARY, kidney and bladder derangements, weak back, gravel, catarrhal discharges, inflammation and other painful symptoms receive searching treatment, prompt relief and real cures.

Dr. Whittier's life-long extensive experience insures scientific and reliable treatment on common sense principles. Consultation free. Patients at a distance as carefully treated as if here. Office hours, 9 A. M. to 4 P. M. Sunday, 10 A. M. to 1 P. M. only. DR. WHITTIER, 814 Penn avenue, Pittsburg, Pa.

MANHOOD I will send (sealed) FREE the recipe that made a man of me. It cannot fail to cure Varicocele, Lost Vigor and all results of indiscretions or excesses. Address with stamp, W. M. BUTLER, Box 147, Marshall, Mich.

NEW ADVERTISEMENTS.

A HIT.

A PALPABLE HIT.

SOME people would not "tumble" if a whole brick house would fall on them. Are you in need of clothing? You are? Well, we are in need of money, and are therefore offering exceptional bargains. We are selling Men's fine Cheviot Suits of our own make for $10, in single or double-breasted sacks, such as you have to pay $15 for. We are offering Overcoats at $8, $10 and $12 that you'll have to pay twice that amount for. Why not try us? When you hear of a good thing going cheap it pays to look into the matter and not let an opportunity slip away from you for want of attention. Be sure and attend our sale this week. Clothing, Hats and Furnishings slaughtered.

JACKSONS

954 AND 956 LIBERTY ST.

Star Corner.

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MEDICAL.

DR. E. C. WEST'S NERVE & BRAIN

Treatment, a guaranteed specific for Hysteria, Dizziness, Convulsions, Fits, Nervous Neuralgia, Headache, Nervous Prostration caused by the use of alcohol or tobacco, Wakefulness, Mental Depression, Softening of the Brain resulting in insanity, decay and death, Premature Old Age, Loss of Power in either sex, Involuntary Losses and Spermatorrhœa caused by over-exertion of the brain, self-abuse or over-indulgence. Each box contains one month's treatment. $1.00 a box, or six for $5.00, by mail.

WE GUARANTEE SIX BOXES

To cure any case. With each order received for six boxes we will send the purchaser our written guarantee to refund the money if the treatment does not cure. Guarantees issued only by Eddie G. STUCKY, Druggist, Sole Agent, Nos. 530 and 1701 Penn avenue, corner Wylie avenue and Fulton street, Pittsburg, Pa. Use Stuckey's Diarrhœa & Cramp Cure. 25 and 50 cts. ja-182-eods

We send the marvelous French Remedy CALTHOS free, and a legal guarantee that CALTHOS will STOP Discharges & Emissions, CURE Spermatorrhœa, Varicocele and RESTORE Lost Vigor. *Use it and pay if satisfied.* Address, VON MOHL CO., Sole American Agents, Cincinnati, Ohio.

WOOD'S PHOSPHODINE, The Great English Remedy.

Promptly and permanently cures all forms of *Nervous Weakness, Emissions, Spermatorrhœa, Impotency* and *all effects of Abuse or Excesses.* Been prescribed over 25 years in thousands of cases; is the *only Reliable and Honest Medicine known.* Ask druggist for Wood's PHOSPHODINE, if he offers some worthless medicine in place of this, leave his dishonest store. Inclose price in letter, and we will send by return mail. Price, one package, $1; six, $5. *One will please, six will cure.* Pamphlet in plain sealed envelope, 2 stamps. Address THE WOOD CHEMICAL CO., 131 Woodward avenue, Detroit, Mich.

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The great Spanish Remedy is sold WITH A WRITTEN GUARANTEE to cure all nervous diseases, such as Weak Memory, Loss of Brain Power, Wakefulness, Lost Manhood, Nightly Emissions, Nervousness, Lassitude, all drains and loss of power of the Generative Organs in either sex caused by over-exertion, youthful errors, or excessive use of tobacco, opium or stimulants. $1 per package by mail; 6 for $5. With every $5 order we GIVE A WRITTEN GUARANTEE TO CURE or REFUND MONEY. Spanish Medicine Co., Madrid, Spain, and Detroit, Mich. For sale by JOS. FLEMING & SON, Pittsburg. de23-26-MTTS

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