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THE SINGING VOICE.

Some of Its Characteristics and How It Should be Developed-

PRINCIPLES OF VOCAL CULTURE. Imperfections and Bad Habits Which Have

to be Overcome. EXERCISES TO STRENGTHEN THE VOICE

IWHITTEN FOR THE DISPATCH. When the aid of a physician is required for the purpose of alleviating pain or correcting any unnatural action of the human organism, through habit or accident, if he be a skillful and experienced physician he will of course make a diagnosis of the case he has in charge, thus discovering the cause, previous to the application of the remedies or the performance of surgical operation, to effect the cure. As in the medical profession, so should it be in other professions in which the work is carried on of correcting habits which have been formed whereby civilized beings are kept from enjoying, to the full degree of satisfaction, their latent talents. Persons who thus profess should be in possession of the requisite knowledge and experience to enable them also to make a diagnosis, so to speak, of the cases in their charge. And, as simple remedies are usually the best in effecting cures, I will, in addition to pointing out some of the impediments to the correct use of the vocal organs, suggest a few easy and simple exercises bearing upon the different characteristics of the singing voice, the use of which will be equally beneficial to the speaker or singer.

We must, however, take cognizance of appliances that we develop muscular strength (physical culture), and not by the mere knowledge of principles; so with vocal culture, the charm in acquiring artistic control, and the development of the youal organs is in the continuity of systematic

and indicious practice. The musical "physician" whose business is to "tune up" the slackened cords and regulate the action of the instrument of instruments, will remember that the tone, which is the product of the vocal organs, possesses three characteristics, viz: pitch, quality and power, and when these characteristics are produced and developed ac-cording to the natural laws, which were established by the Creator, and the artistic principles recognized and adopted by nesthetics, such sounds are adjudged as pure tones. These qualities all combined, however, seldom exist in their purity in the socalled "natural voice," which, like the precious gold-bearing quartz, must be subjected to a refining process, whereby the pure resonant metal is separated from its tone-destroying dross.

THE PITCH OR INTONATION.

The first characteristic of tone is pitch, which is defined as a property of highness or lowness, without some degree of which, no tone can exist. If the pitch or intonation desired falls short of the exact number of vi-brations per second the tuneful ear immediately recognizes the falsity, and it is termed "flat," while, on the contrary, if a greater number of vibrations per second is produced than is absolutely necessary, the intonation will also be false and termed "sharp." Therefore, this false flat intonation is caused by teo much laxity of the vocal ligaments: and the salse sharp intonation, by too much tension of the vocal ligaments.

A cure of this imperiection, if not the di-rect cause of a deformation in the organism of the ear, must be obtained in the mental thus it will readily be seen that the vibracontrol of the vocal ligaments, whereby their tension can be so altered at will, as to establish the exactness of pitch require-

pitch also depends upon correct ideas as to dinal colors, but not nearly so many can name all the colors; and yet a much smaller number can distinguish the numerous shades of the different colors and name them.

That this is a lack of education in the direction does not depend, as some people suppose, art among civilized people has been abund-antly proved; and en passant, I will say that even in this progressive age, the study of color is not given the public attention it deserves. So with tone, Anybody, so to speak, can tell whether a tone is high or low in pitch without possessing a cultivated ear, but the slight shades of difference from refined musical ear to detect. This is illusrefined musical ear to detect. This is thus trated daily by the number of pianes which are wretchedly out of tune and yet afford

PERSISTENT EFFORT NEEDED As the student in painting acquires the ability to properly mix and manage the different cardinal colors and their shades, through continued and persistent study and practice, so the student in vocal culture will acquire the ability to produce the desired pure intenstion by continued and persistent efforts in the right direction. But first seek to thoroughly convince the pupil of the existence of such a fault, for without a knowledge on the pupil's part of the talse intonation no cure can be effected. An excellent exercise in intonation is to practice at tuning stringed instruments, such as the violip. harp, guitar, mandolin, etc. The acuteness and correctness of hearing required to put in

cellent test for musical ears.
The second characteristic of tone is quality purity, is the result of a correct development of tone, through the resonant cavities of the vocal organs, etc. In this characteristic lies the charm of the singing voice as well as the different colors of tone in the variety of musical instruments. By the operation of the resonator the fundamental tone, which is the result of the vibration of air by the larynx, is perfectly developed only by the combination of overtones

perfect tune such instruments is also an ex-

The sound of a tuning fork, when its fundamental is reinforced by suitable reso-ance-cavity, is very nearly a simple tone. By sounding simultaneously several forks of different but appropriate pitch, with the requisite relative intensities, Helmholtz succeeded in reproducing sounds peculiar to various musical instruments, and even in imitating most of the vowel sounds of the human voice. By this and other experi-ments it appears that he has been able to determine, both analytically and synthetcally, that the quality of a given sound depends upon what evertones combine with its fundamental, and on their relative in-

Some of the impediments to the develop-Some of the impeaments to the develop-ment of the timbre or quality of tone in the human voice, are, first, the improper action of the epiglottis (root of the tengue), or cover of the glottis, which obstructs the free ivery of tone. This action of the epiglottis, although improper in the act of singing, is of course the proper and natural action in the act of swallowing food or liquids, for its office is to prevent the food from entering the wind-pipe. But if this movement of the "unruly member" is allowed to take place, even partially in the act of singing, the quality of tone will be much impaired. This obstacle to the development of tone has been

GREAT MOVABLE PLUG and in its untamed condition, is one of the most difficult, trying and perplexing im pediments to overcome in the entire realm of voice culture. But with patience and perseverance the almost insurmountable difficulty can be made to depart. The sim of the student must be to make his re-bellious tongue "back down." Let him earry out this operation before a mirror, whereby he can see and arrange the proper

position of the tongue, then let him sing oo, gradually changing the sound into o and ending with ah. Also repeating several times the syllable "keo," "ah koo" and "koo ah." During this exercise the pupil should direct and allow the tone to come well forward in the mouth. come well forward in the mouth.

Singers with large tonsils are very much hundicapped in producing a pure quality of tone. They should, however, consult a skillful physician, one who has had experience in throat trouble and he will probably advise the excision of the tonsils.

The next pure-tone destroying cause is the imperfect resonance in the cavities of the nasal bone. When the tone has been produced in the larynx, it passes up through

produced in the larynx, it passes up through
the pharynx to the masal cavities, etc.

If, however, by any obstruction the vibrations are excluded from either of the
cavities there will be an imperfect resonance, which will produce a "nasal tone,"
The exceedingly disagreeable sensation
experienced by a listener to a person "singing through his nose," as it is commonly
called, 18,not very inspiring, to say the least
of it. This unfortunate habit also requires
a great deal of care and attention. a great deal of care and attention. CURING BAD HABITS. Let us remember that bad habits, like

poisonous flowers, should be nipped in the bud; or, better, as the plant which is capa-ble of bearing such fruit should be plucked from its earthy bed ere it begins to fasten its roots to the abiding rock. So, with the cause of any blemish in art, it should be entirely eradicated at its inception.

It is exceedingly difficult for us not only to break away from bad habits, but it is equally difficult for our friends to be broken equally difficult for our friends to be broken away from impressions they have once formed of such habits, and, although we may have actually been freed from bad hab-its' tenacious grasp, yet we are too often re-viewed through the spectacles of prejudice, which, like the optical appendages, always etain their degree of magnitying power. An excellent exercise for the purpose of freeing the tone from its nasal condition, is to open your mouth and breathe through the nostrila, you will now feel the soft palate drop upon your tongue. Vocalize while it is in this position, and the tone will be nasal. Afterward breathe through the the fact that it is by the daily, systematic and judicious exercising with gymnustic and higher until it would almost disappear,

now sing again while the soft palate is in this position, you will produce pure tones. After you succeed in gaining control of the movements of the soft palate, the quality of tone will be generally improved. It is better to use a mirror also during the performance of this exercise, so that the operation can be seen. The third characteristic of tone is power.

Without this dynamical property, the human voice, however sweet and pure, would be bereft of that dramatic intensity, which allows it to penetrate even the dis-tant space with its vibrating influence. Although this characteristic can, as the two preceding ones, be much improved by proper exercise, yet, at the same time, it must be through care and intellectual con sideration, "Can any voice be strengthened, be it ever so weak?" I answer ves, pro-vided the health of its possessor will permit the serious, necessary practice. Power of tone depends largely on amplitude of vibrations, and although we have no standard of measurement of the amplitude of vibra-tions, yet we are enabled to judge of the de-gree of sensations produced on the tym-panum of the ear, by the loudness of sound. This loudness, however, is the result of the force at which the vibrations strike the tympanum of the ear. This operation, which depends upon the manner in which the vitalizing energy is exerted upon the vocal ligaments, is induced and controlled largely by the respiratory muscles. It must be borne in mind, however, that, although the

extent, yet the carrying qualities of the tone NATURALLY IMPROVED.

vibrations may be enlarged to their fullest

When the column of air is formed between e larvax and midriff, if allowed to become tory power is necessarily weakened; but if the column of air is directed and tollowed up by the action of the disphragm, as the expiration takes place, there will be more formation of absolute or relative of a solid body of air formed, which will pitch also depends upon correct ideas as to cause the vibrations, produced by the vocal that characteristic of tone. For instance: ligaments, to rebound in a drumlike man-Almost all persons can tell that there is a ner and be thrust into the nasal cavities and wast difference in the appearance of the carwill receive additional reinforcements and finally sent out ringing into the open space

That this is a lack of education in the direc-tion of the beauty and harmony of vision's upon the greater the force of breath the greater the power of tone, but of paying out the precious breath with parsimonious care to an effective purpose.

Breath, in relation to tone, exists in two forms, viz: vocalized and unvocalized. The pure tone is the product of the former, while the mere expiration exists in the latter. If the two forms of air or breath pass the standard of true intonation, require a through the pharmyx mingled together, the result will be a sort of "diluted" or "breathy" tone. For the air which has made its esare wretchedly out of tune and yet afford cape from the vibratory apparatus without satisfaction and delight to the performers as having become converted into vocal vibrations, not only exhausts unnecessarily the very limited supply of air, which is in unvocalized condition, but so reduces the effectiveness of the vocal vibrations produced, as to destroy the resonance of the singing SIMEON BISSELL.

> DON'T BLAME THE RUSTIC MAIDEN. The Real Criminal Who Causes Your Mis-

ery to the Landlord. Volumes might be written about the nesthanded Phyllis of the country hotel, who serves blackberries with soup, mixes releves and entremets de douceur, and garnishes the edge of pudding plates with indigestible and oleaginous hunks of tawny cheese. But, after all, she is only acting under orders. There is no guile in her rustic innocence. She no more deserves blame than This characteristic, when produced in its the hallboy who answers every midnight

surface sends a cold chill down the spinal column every time the hand touches it. The real criminals are the miscreauts who establish hotels with a single eye to the almighty dollar, to whom the human stomach is of greater durability than a opper-lined retort, and who aid, abet and otherwise encourage unthinking emulation of that objectionable towl the cormorant Talk about the patience of Job! What patience equals that of the cook-ridden, clerk-ridden and landlord-ridden American citi-

SHE DIDN'T SETTLE IT.

How an Innocent Gentleman Made a Lady Very Unhappy. "Madam," he said, as he leaned across the car, "it is in your power to settle a dis-

pute between me'n my wife." She looked up in surprise, and he continned: "She wants me to buy her a plush sacque. She says they can't be told from real scalakin. I'm a leetle near-sighted, and I don't say I kin tell 'em, but I do insist that other folks kin. Am I right?"
She gave him an awful look—one intended to freeze him to death on the spot, but as no words accompanied it, he drew a long breath and went on: "Is yours the real or the gen-

"Conductor!" she called, as that official opened the door, "let me off at Charlotte

New figured India silks open this week beautiful designs and colorings.
TISSE HUGUS & HACKE.

When haby was sick, we gave her Castoria When she was a Child, she oried for Castori When she became Miss, she clung to Casto When she had Children, she gave them Casto

HURT

Against Bad Streets.

DENIALS OF A DEAL IN REALTY

Money and Take Their Choice. WILKINSBURG WATER WORKS TESTED

There are a number of streets in the East End which are practically blocked by their bad condition, greatly injuring the renting and selling of property in their neighbor-hood. Why should these streats remain in this condition in the face of an ordinance authorizing their improvement? Owners of abutting property are willing and anxious to pay for grading and paving, but can do nothing until the authorities take the initiative. It is an important matter and

should be attended to at once. It will throw a little light on this subject to state that a Wood street merchant started for Wilkinsburg yesterday morning in a buggy drawn by a strong horse, and stuck in the mud on Penn avenue just where the pave ment ends. He had to wade out and secure

A denial was made in these columns by Messra Herron & Sons that the Tradesmen's National Bank was the purchaser of the McCombs property, corner of Fourth arenue and Wood street. Yesterday, however, the fact came out unequivocally that the purchase was for the bank, and that, while it was an individual who appropried as buyer, he acted merely as ual who appeared as buyer, he acted merely as

agent for the bank. Other denials were floating around yesterday Other denials were floating around yesterday very freely of the transaction reported in some of our cotemporaries involving the sale of the Bissell lot, 53x60, corner of Sixth avenue and Wood street, for \$152,000. Mr. Bissell denied it to David P. Black and other Fourth avenue real estate people. Messra. Herron & Sona, who were quoted by our cotemporaries as the agents selling the property, sent word to The DISPATCH last evening: "We are not aware of the sale of the property."

If denials are at all supposed to deny in the real estate business, it is presumed these ought to be tolerably conclusive, though it is

there is some fire also. The Philadelphia gentleman, Mr. Herbert Crawford, who came to Pittsburg a few days ago to buy a square of land upon which to build-tenement houses, but abandoned the preject, as he alleged, because of the high price of property in the downtown district, where he desired to invest, was easily scared. If he had taken the right course and made application to almost any real estate agent on Fourth he could easily have secured all the ground be wanted for this purpose at a reasonable price.
Commenting upon Mr. Crawford's fiance, Henry
A. Weaver-said yesterday: "I have repeatedly
stated that when people come here, and with a great flourish of trumpets announce that they are going to buy up large blocks of real estate, in nine cases out of ten they do not mean busi ness at all. It's all bluster and wind. A man who proposes to invest largely in anything does very little talking. I am atraid the Philadelphia gentleman is one of the windy sort. If he meant business, and had gone quietly to some reputable real estate firm, he would have found plenty of land at reasonable figures. But it he wanted merely a little cheap notoriety he took

the proper course to secure it." Last week was a notable one in real estate circles for the number of large transactions, and reports of important deals vet to be con tude which down-town property has attained. This should not, however, be accepted as a criterion of value, as the purchaser had a This should not, however, be accepted as a criterion of value, as the purchaser had a special object in view which was superior to money, and owners who go wild over the attractive figures will make a mistake. Such tractive figures will make a mistake. Such sales are not made every day.

The interest shown by the public in this and other transactions of recent date demonstrates very clearly that more attention is being paid to movements in real estate than at any other time in the history of the city. The market is not more closely watched by the capitalist than the workingman. Both have a special interest in it—the former as a medium of speculation and the latter to acquire a home; and as th class of people he represents are the principal buyers, values to a great extent are under his control. To put them beyond his reach would curtail the demand. Owners understand this, and seem disposed to be reasonable. The in-stances are rare where they place an extravagant valuation on their properties. With judiclous management the real estate interest will remain active for years. A contrary course-the adoption of extravagant ideas and all that this implies-would inevitably result in a reac tion similar in its effects and consequences to that of 1873, of which many still retain a distinct and sorrowful resollection.

general lines of trade. Weather and roads were unfavorable to special activity in many lines. Money was easy. There were no new features in the iron industry. Prices were generally steady. There was more activity in local ecurities, and some of the favorites-Philadelphia Gas especially-recovered lost ground Luster Mining Company was the weakest spot in the market, but closed at something better than the lowest point. There was a rally in oil on Friday, but the market took the opposite tack yesterday, and got back into the well-

An official test by the Pennsylvania Water Company, given in Wilkinsburg, resulted satisfactorily to all parties concerned. Two previous tests had been given. The Borough Water Committee and several Pittsburg firemen were present, in addition to a host of local spectators. The demonstrations took place at four different points, at the plugs located respectively at the corner of Penn avenue and Hay street, Wood and Ross streets, Wood and Franklin streets, and Hay and Franklin

A brisk wind was blowing and sprayed the water sooner than ordinarily. With a natural pressure of 106 pounds to the square inch, from the plug at the corner of Wood and Franklin streets, 100 feet from the Catholic church, the water reached the base of the cross on the church steeple. The city firemen in charge of the negree said that on a calm day the stream would have cleared the cross by ten feet. The plug at the corner of Penn avenue and Hay street threw a solid stream horizontally a dis-tance of 175 feet, a one-inch nozzle being used. At the other two plugs the water was thrown against the wind, and with a correspondingly

The above pressure, it should be remem-bered, is a natural one, no artificial force whatever being used. With the reservoir full the pressure can be increased to 150 pounds to the mare inch. The construction of the system, it estimated, has increased the value of Wilkinsburg property 15 per cent, and given a won derful boom to building in that vicinity.

Messrs, Harlow & Co. were the construction Messrs. Harlow & Co. were the constanting engineers, and the officers of the company are: President, John D. Cherry; Treasurer, Samuel Doubt; Superintendent, W. A. Alexander, Braddock will be supplied by this company some time during the spring.

GOOD TRADING

In Local Securities for Saturday-Strong and Weak Features. There was considerable vim in the stock marhet yesterday, and trading was good for the short session. The sales were 680 shares. For the week they were 2,460, of which Philadelphia Gas furnished nearly one-half.

As had been the case throughout the week, Philadelphia Gas was the leader in strength and activity, but it fluctuated more than usual, and on the filling of some good-sized orders, weakened and closed fractionally lower than the highest point. Central Traction showed some improvement, but the others were weak and nominal. Switch and Signal sold down to 11 05%; 14 and closed at 15 asked. For Luster's new \$1 04%.

stock 30 was asked. This is equivalent to about 16 for the old.

Bank, insurance and railway shares were in good demand, but without particular change. EXCHANGE STOCK. BANK STOCKS, Bid. Asked.

Arsonal
Allegheny National Bank
Bank of Pittsburg
Commercial National Bank*
Chilsons' National Bank
Lity Sayings ity Savings
mqueene National Bank
xchange National Bank
irst National Bank, Pittsburg
irth Avenue. Which Leave People Free to Pay Their issonic Bank.
derchants & Hannifacturers' Na. Bank
derchants's National Bank.
dechantes' National Bank.
donongaheia National Bank
did Fellows' Savings Bank.
litsburg Nat. Bank of Commerce.
'ittsburg Bank for Savings.
'eople's National Bank.
hird National Bank.
hird National Bank.
Jaion National Bank.
Jaion National Bank.
hird National Bank.
hird National Bank.

Interprise Savings, Allegheny, Serman National, Allegheny, Real Estate Loan and Trust Co. Second National, Allegheny... INSURANCE STOCKS. GAS STOCKS.

Allegheny Gas Co. (Illum.)..... Consolidated Gas Co. (Illum.)..... Pittsburg Gas Co. (Illum.)..... OIL COMPANY STOCKS. Haselwood Oll Co. PASSENGER BAILWAY STOCKS.

BAILBOAD STOCKS. Allegheny Valley. 116
Chartiers Enilway 45
Pitta. Youngstown & Ash. E. E. pref. 54
Pitts. & Connellsville. 21
Pitts. (In. & St. Louis. 22
Pitts. & Western E. E. Co. 41
Pitts. & Western E. E. Co. 41 COAL STOCKS. N. Y. & Cleveland Gas Coal Co. BRIDGE STOCKS. ought to be tolerably conclusive, though it is strange there should be so much smoke unless Ewalt (Forty-third st.).... MINING STOCKS.

La Norla Mining Co..... Luster Mining Co...... Bliverton Mining Co..... \(\) ankee Girl Mining Co... ELECTRIC LIGHT STOCES Westinghouse Electric MISCELLANEOUS STOCKS.

Eales were 5 shares of Central Traction at 52%, 5 at 32, 240 Philadelphia Gas at 33%, 100 at 32%, 50 at 32%, 50 Switch and Signal at 14, and 10 Wheeling Gas at 19%. After call, 70 shares of Philadelphia Gas brought 32%.

The total sales of stocks at New York yesterday were 105,841 shares, including Kansas and Texas, 3,680; Missouri Pacific, 3,850; Reading, 21,700; Richmond and West Point, 2,500; St. Paul, 2,600; Union Pacific, 3,000.

ONWARD AND UPWARD. Last Year's Financial Record Badly Broken

so Far-Money Ensy. The local banks are keeping up the rapid pace with which they commenced the year, and it already looks as if last year's record will be badly shattered when the account for 1890 is summated. The sale of a piece of business property at the rate of \$4,400 a foot front, the highest price ever realized in Pittsburg, was a revelation to the public as to the financial altitude which down-town property has attained there was no rush. Money was easy and in

festerday's exchanges. Money on call at New York yesterday was 3@4 per cent, closed offered at 3. Prime mercantile paper, 5½@7. Sterling exchange quiet but firm at \$4 85½ for 60-day bills and \$4 85½

The weekly statement of the New York banks, issued Saturday, shows the following changes: Reserve, increase, \$4,250,700; loans, increase, \$657.700; specie, increase, \$3,255,200; legal tenders, increase, \$2,280,100; deposits, increase, \$5,102,400; circulation, increase, \$4,900. The banks now hold \$6,015,700 in excess of the

Closing Bond Quotations Canada So. 24s. 58 5t. Faui consols ...

Canada So. 24s. 58 5t. Faui consols ...

Cen. Pacific lets. ...

St. Fl. Chi & Fc. Ists.

Den. & R. G. 1sts. ...

Den. & R. G. 4s. ...

775/
D. & R. G. West, Ists. ...

88 Tx., Fc. R. G. Tr. Rete
Union Fac. lets. ...

West Shore. ...

M. R. & T. Gen. 6c. ...

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NEW YORK—Clearings, \$137,053,135; balances, \$6,577,457. For the week—Clearings, \$742,414,654; balances, \$34,858,159.

BOSTON—Clearings, \$17,437,950; balances, \$1,441,059. For the week—Clearings, \$101,353,034; balances, \$19,041,942. For the corresponding week last year—Clearings, \$90,554,670; balances, \$9,332,290. BALTIMORE-Clearings, \$2,662,688; balances

\$385,754.
PHILADELPHIA — Clearings, \$11,224,815; balances, \$1,530,809. For the week—Clearings, \$89,456,146; balances, \$10,468,691.
CHICAGO—Clearings, \$11,350,000. REACTION IN OIL.

It Comes Down From Its Perch at the Standard's Bidding. As anticipated by many, petroleum got to

high to suit the Standard, and had to come down. The market opened yesterday at 106%, highest 106% lowest and closing 108% about where it stood before Friday's little flurry. where it stood before Friday's little flurry. Trading was light at all points.

The advance enabled New York to pump in a good deal of the stuff on the local crowd, and they tried to get rid of it yesterday, but it wouldn't go. Nobody wanted it. It looks very much as if the New York contingent were hand in hand with the octopus. The ease with which they make and unmake the market looks suspicious.

ispicious. The market was about steady at the opening The market was about steady at the opening, but it weakened under a pressure to sell, and remained in that condition the rest of the day, closing at the lowest point, around which it will probably hang until the New Yorkers are ready for another move. Friday's clearances were 608,000 barrels. Those for the week were

A Boom at Cinyaville. PRECIAL TRIEGRAM TO THE DISPATOR. CLAYSVILLE, PA., January II .- The citizens of this vicinity are very much worked up over the prospects of a boom in oil. A large number of wells have been located, and the drill is al-ready pounding away on many of them. Near-ly all the land in this vicinity has been leased, in many cases large bonuses being paid, and the indications for a large-sized oil boom in the near future are decidedly good.

Corrected daily by John M. Oaziey & Co., 43 Sixth street, members of the Pittsburg Petro-leum Exchange.

Average shipments
Average shipments
Average runs

Refused, New York, 7,80c,
Brinses, London, 63cd,
Hefined, Antwerp, 1747,
Hefined, Liverpool, 6 1-184,
hefined, Bremen, 5,55m. A. B. McGrew quotes: Puts, \$1 03%; \$1 0514:51 0514. Other Oil Markets OSL CIFY. January 11.—Petroleum opened 1 05%; highest, \$1 05%; lowest, \$1 05%; clos

New York, January II.—Petroleum opened firm at \$1.63% but after the first sales gave way under free selling and closed weak at \$1.04%. Stock Exchange: Opening \$1.05%; highest, \$1.06%; lowest, \$1.04%; closing, \$1.04%; Consolidated Exchange: February option opened \$1.05%; highest, \$1.05%; lowest, \$1.04%; Consolidated Exchange: February option opened \$1.05%; highest, \$1.05%; lowest, \$1.04%. Total sales, \$200,000 barrels.

MOVEMENTS IN REALTY.

portant Transactions. Samuel W. Black & Co. sold the coal yard property on Marion avenue, Allegheny, a lot about 200x115 feet with tracks, etc., for a price approximating \$20,000. The gradual resumption of the use of scoal, in place of natural gas, for fuel makes large lots of ground having

Reed B. Coyle & Co., 181 Fourth avenue, sold for Enoch Davis a lot on Boquet street. Oakland, size \$0x120 feet to an alley, for \$700 cash. Black & Baird, No. \$5 Fourth avenue, sold to E. E. Clark, 14 brick dwellings on Center avenue, corner of Grove street, city, with lot \$6x105 feet, for \$40,000. The improvements were made by E. D. Mahood, who lately sold the property to Frauenheim & Vilsack, the brewers, for about \$33,000.

L. O. Frazier, corner Forty-fifth and Butler streets, sold for John S. Harsfall et ux, a new frame dwelling of five rooms, lot 20x100 feet, situated on the south side of Liberty avenue, near Thirty-ninth street. Sixteenth ward, to Conrad Schiffhauer, for \$2,700.

Ewing & Byers placed a mortgage on property in the Second ward, Allegheny, for \$3,000 for three years at 6 per cent.

Bad Weather and Worse Roads Reduce the Number of Permits. The Building Inspector looked rather blue yesterday. He said it had been the worst week he had experienced since he took charge. He laid the blame on bad weather and worse

19, against 39 the previous week. The cost of the improvements—all small—is estimated at \$25,093. The list follows:

J. R. Holland, frame two-story dwelling, 18x32 feet, on Joseph street, Twenty-first ward, Mrs. Sarah Whetsell, frame one-story stable, 16x16 feet, on lot near Sawmill run, Thirty-fifth

ward.
Charles Claus, brick three-story slaughter-house, 60x40 feet, in Twenty-first ward.
Mary E. Kirk, frame two-story dwelling, 21x82 feet, on Bedford avenue, Thirteenth NEW YORK, January IL—If a good bank statement is going to buil stocks we ought to have a bull market now; indeed, those who are on the scene of action and got the statement at ward. Henry Mayers, brick and frame two-story store and dwelling, 20x22 feet, on Liberty street, a quarter of 12 ought to have taxen advantage of their early information and bought stocks, but they didn't. It showed a gain of five and

a-half millions in actual cash, or a million and a-quarter more than the gain in the reserve on account of a gain of five millions in deposits, which increased the reserve requirements.

The market was lower after these figures came out than before, which is, we fear, a sad sign of indifference to the market. This chilling indifference is one of the worst features of what by courtesy may be called the speculative situation. New England and Chicago Gas were a little higher this morning, while Wisconsin Central was slightly weaker and Segar Trust considerably lower. Reading holds up tenaciously, the argument being that the stock is better off than it would be if interest had been paid on the first preference. That is true if it is meant that it is better for the stock than if the money to pay unearned interest had been borrowed. ward.

A. Deering, frame one-story kitchen, 15x16
feet, on Rowan avenue, Twenty-first ward.
James P. Brennan, two frame two-story and
mansard dwellings, 16x32 feet, on Hodge street,
Fourteenth ward.
William Clark, Son & Co. Iron one-story

Seventh ward.

Michael Finnegan, frame one-story dwelling,
20x16 feet, on Stockholm street, Twelfth ward.
Mra. D. E. Taylor, frame addition two-story
dwelling, 10x30 feet, on Orphan street, Twenty-

ward.
G. Moeller, frame one-story store house, 20x
30 feet, on Edward's alley, Twenty-sixth ward.
George H. Appleton, frame two-story dwelling, 17x22 feet, on Soho street, Thirteenth ward.

BLACK & BAIRD closed up four real estate deeds yesterday, involving in the aggregate \$28,050. agents who favor an exchange have called a

19 building permits were issued last week. The cost of the improvements is placed at \$26.

THE annual meeting of the stockholders of the Pittsburg, Allegheny and Manchester Pas senger Railway will be held on Monday of next week. THE \$300,000 Hand Street Bridge 5 per cent 40-year bonds, guaranteed by the Pleasant

FORTY-THREE mortgages were recorded resterday, the largest being for \$9,250. Twentyone were given for purchase money. The num-ber of mortgages recorded last week was 164, representing \$303,635. ADDITIONAL dividends: National Insurance

value of new structures in Pattsburg was \$6,184,-112, in Wilkinsburg \$1,000,000, and in Allegheny \$1,000,000. The wards having the largest namber of buildings were respectively the Nine-teenth, Fourteenth and Thirteenth, 28, 255 and 28 respectively. The Twentieth ward led in the amount expended, 3742,157.

A PETITION will be presented to Council in Wilkinsburg Monday evening asking that body to refuse the right of way through the borough streets to the East End Electric Railway Company, unless the company gives an absolute guarantee that the road will be built inside of guarantee that the road will be built inside of a year. The petitioners are afraid that the Pennsylvania Railroad is back of this com-pany, and that after the right of way has been once secured the scheme is to turn over the charter to the Pennsylvania Railroad, thereby preventing the building of the road.

NARROW AND DULL. Bailroad Shares Exhibit Very Little Re-

Statement Imparts Some Life and Strength-Bonds Active. NEW YORK, January IL-The stock market tofew stocks was narrow and dull without move-ment or failure of interest. The general ten-

ong close to a rather uninteresting specula-

Lake Erie was traded in upon the board for the first time to-day, and in the first hour rose rather neglected and sagged away a fraction. Reading continued to lead in activity, but the dealings were unimportant and the changes in its price were very small with those of the rest of the list. New England showed marked strength and

rose over 1 per cent, the Traders and Boston houses being most prominent in the movement, which was said to be based upon the belief of a favorable statement to be shown in the near

favorable statement to be shown in the near fature.

Chicago Gas continued its upward movement, but made only fractional progress, while Sugar was weak again on the same old stories which have done duty throughout the week. It opened off \$\frac{2}{2}\$ per cent, at \$2\$, and declined to 50% after a slight rise, and closed within a small fraction of the lowest price.

There was very little life in the market until after the issue of the bank statement, when prices which had begun to sag hardened up again and became strong generally at fracilonal advances over the opening prices. Except in Sugar, which is down 1½ per cent, the flual changes are insignificant and about equally divided between gains and losses.

Raliroad bonds were again more active than stocks, though there was very little special animation outside of the Heading issues, which were weak—the thirds, however, being the only ones to show any material loss at the end of the day. The general list displayed the same steady to firm feature; and while the final changes are in almost all cases insignificant, they are oftener gains than losses. Reading thirds lost 2 at \$1\$. Chesspeake and Ohio series A also lost 2½, at 117 The sales reached \$624,000. The sales of bonds for the week were \$10,425,000, against only \$4,852,000 for last week.

The following table snows the prices of active

bers of New York Stock Exchange, &r sourth ave-Cotton Oll Trust.

ke & Ohio ... 1094

Wabash preferred.... Western Union..... Wheeling & L. Z.....

consi Lead Trust... 2014 congo Gas Trust.... 46%

WALL STREET GOSSIP.

Singular Situation of Lower Prices on

Good Bunk Statement.

a-half millions in actual cash, or a million and

Philadelphia Stocks.

MARKETS BY WIRE

in Off Day in the Wheat Pit-Hog Product

Dall but Average a Little Lower

All Round - Corn and

Outs Easter.

fested in the market, trading being limited and almost exclusively local, with fluctuations con-

fined within 1/61/10 range. The prevailing

feeling was a little easier, and trapsacti-

were at slightly lower prices.

Oats were traded in to a moderate exten

An easier feeling prevailed, and prices ranged

slightly lower. January was offered fairly, and

bat little demand existed. The sellers of May

Buffalo, Pitteburg & Western..... 816 Lehigh Valler 515

Closing quotations of Philadelphia stocks, fur-

B14. ... 53% ... 16 5-16

lew York Special to John M. Oakley & Co.]

Sugar Tru National

69%

8736

61%

The Week Closes With a Number of Im-Cot. & Hoesing val. 19
Dei. f. & W. 1274
Dei. & Hudson. 1525
Denver & Elo G.
Denver & Elo G.
Denver & Rio G., Df.
E. T., Va. & Ga. 1st pf. 70
E. T., Va. & Ga. 1st pf. 70
Illimotatication railroad sidings very valuable.

Reed B. Coyle & Co., 131 Fourth avenue, sold

NEW HOUSES.

The number of permits issued last week was

ward. George Scheuring, frame two-story dwelling, 20x34 feet, on Boggs avenue, Thirty-second

Sixteenth ward.

A. C. Watkins, frame two-story dwelling, 20x 41 feet, on Hoereler street, Nineteenth ward.

W. P. Van, frame two-story dwelling, 20x20 feet, on lot near Lincoln avenue, Twenty-first ward.

Fourteenth ward.

William Clark, Son & Co., fron one-story shop, 80x60 feet, on Thirty-fifth street, Fifteenth ward.

Miss Celia T. Earhart, frame two-story and attic dwelling, 24x33 feet, on Baum street, Twentieth ward.

Louise Kline, frame two-story dwelling, 21x32 feet, on Auburn street, Twenty-first ward.

Lower St. Clair Incline Company, two frame two-story dwellings, one 20x24 feet and the other 18x32 feet, on Salisbury street, Twenty-seventh ward.

Mrs. E. P. Robinson, frame two-story dwelling, 18x16 feet, on Lenora street, Twenty-first

neeting on January 14 at 3 P. M. OWING to bad weather and worse roads only

A number of nice dwellings have just been completed and about a dozen others are under

CHICAGO-Trading in wheat was very light and the market was very quiet. An unusually small business was transacted, and the fluctua Valley Passenger Railway Company, were taken in a lump by N. Holmes & Sons at a tions were as narrow as they possibly could be, the entire changes being confined within 1/10 %c range. This would be the best indication of the volume of trading. Outside news was

ompany, Allegheny, 4 per cent, semi-annual. Manufacturers and Merchants' Insurance Com-pany, 3 per cent, semi-annual. Armenia Insur-ance Company, 3 per cent, semi-annual. THE Real Estate Record, of this city, has made a careful tabulation of building opera tions last year. According to its figures the

enperative Power-A Good Bank

day showed no change in character from that of the previous days of the week, and except for a dency of prices in the absence of pressure was pward, and the bank statement with its heavy crease in the surplus reserve served to give a The new common stock of the Wheeling and

The following table shows the prices of active stocks on the New York Stock Exchange yesterday. Corrected daily for The Disparch by Willyman a preparation, edgest Pitesburg members, and the prices of the pay 25 cents to see a camel widout any hump on him, do yer?"

GRIP IN THE SCHOOLS.

How Influenza Has Decimated Our Local Educational Institutions-Teachers and Pupils Alike Suffer-News Notes. Whatever it may be, colds or influenza or the fear of entehing them, with very tow exceptions it has affected the attendance at the schools considerably. At the O'Hara there have never been so many out on account of sickness. There are some 30 pupils out of the Bedford, and a number out of the Liberty. Prof. Greves, of the Lincoln School, has been Prof. Greves, of the Lincoln School, has been a sufferer, during the week, with influenza. Prof. Logan, of the Peshles School, also had a several days' siege of it. Miss Sarah Schafer, of the Bedford School, and Miss Etta Row, of the Howard, have been out of school for several days.

It is expected that the attendance at the schools this week will be as large as usual, as many pupils have not entered school since the holidays.

THE Teachers' Academy will meet next Sat-urday. The Teachers' Library Committee will also meet for reorganization. NEARLY all the night schools closed the past week. The Washington, Seho, and O'Hara nose would become clogged, first on one side will not close for some nights. THERE is to be a new eight-roomed building in the Glenwood district. Twenty-third ward. It is expected to be ready for occupancy by

who has had a several months' leave of absence on account of ill health, has so much improved that February I is fixed as the date of her re-THE Hiland School is crowded to its capac-

MISS LAUGHLIN, of the Homewood School,

ity. The school people expected that the new building would be ready for occupancy by Jan-uary, but it will be March before it will be ready. THE Bellefield School is to lose a pretty and popular teacher, for Miss Mame McKnight, of that school, is to be married near the close of the present mouth to Mr. McAllister, a well-known grocer of Oakland.

THE Misses Forsythe and Loeffler have been elected to fill the vacancies in the Liberty school caused by the resignation of Miss Schu-macher and Mrs. Myler. The latter lady was one of the ablest teachers in the city, but home duties compelled her to resign.

MISS NEWELL has been appointed to fill Miss Harrison's place, who was recently married, in the Mt. Washington school. There has been no regular election, as the attendance has been a little low since school started.

On the first Saturday in February a general session of Teachers' institute will D8 held. Miss Fundenberg, of the Liberty school district, will have a class drill for the the teachers of steps I and II, to illustrate the teaching of reading by the phonetic method. Prot. Logan of the Peebles School, will give a class drill in arithmetic. FRIDAY was a "red letter day" to the little

people of No. 1 at the O'Hara School. It was the yearly "doll reception" day, and some 150 dolls were on exhibition. There were numer-ous visitors present, the half of them compris-ing the young relatives of the pupils of the room, and whose first glimpse of school life was made under the most pleasing anapices. PROF. H. W. FISHER IS Secretary of the Ex-centive Committee of the Teachers' State As-sociation. This committee will meet in Harrisburg on the 27th inst to prepare the programme for the annual meeting of the association, which is to be held this year at Mauch Chunk. Prof. Fisher has the privilege of naming three persons to take part in the programme, and at the July session Pittaburg will have the honor of having at least one representative on the programme.

than if the money to pay unearned interest had been borrowed.

If the interest has not been earned, and Mr. Corbin says it has not, then it is hard to extract a bull argument out of the fact, for if they can't earn anything on the first or second or third preference boods the prospect of a dividend on Reading stock is very remote. To day the stock was only four points lower than the third incomes. It appears to be a short interest on one side and a concentration of bull holdings on the other that supports the stock, and of course a squeeze in certificates at any time may be possible, but we do not see how lower prices in the end can be averted.

Petroleum was lower and speculation in it is too discouraging to merit attention. programme.

THE Finance Committee of the Centra Board of Education met yesterday and fixed trouble similar to my own by Drs. Copeland the school appropriation at \$339,565 for the comthe school appropriation at \$399,565 for the coming year, against \$384,304 for last year. Out of the appropriation asked \$392,205 will go to pay malaries. There is a balance of \$12,000 in the Diamond Bank, and the committee decided to have this used for additional High School room, Councils decreased by \$11,000 the appropriation arked for last year, but sufficient money remains from last year, but sufficient to pay the teachers their January salary and the night school teachers.

Liberal Religious Thought. On Sunday morning, the 19th inst. Rev. building, 514 Smithfield street, will give that first of a series of four sermon-lectures on "Liberal Religious Thought." With a view to expounding Unitarian belief, he will answer, in the first lecture, the question "What is Man?" The second will train the first lecture, the question "MR. BARNES' STORY. the new Unity Church, in the Mellon Bank

"What is Man?" The second will treat of "The God-Idea;" the third of "The Two Theologies," and the fourth of "Character." O'Rylen's Pelson Noval. The novel on which Mr. William O'Brien employed his time in prison will soon be pub-lished. A friend of Mr. O'Brien, who is no bad judge in literary matters, has read several chapters of the book and says he believes that it will create a sensation by revealing remarkable and hitherto unsuspected literary powers on Mr. O'Brien's part, and by shedding light upon the inner soul of the light meables. Irish problem. Although not a political novel in any sense of the word, it is likely to do much for the cause.

SICK BEADACHE_Carter's Little Liver Pills. SICK HEADACHE_Carter's Little Liver Pills

RICK HEADACHE_Carter's Little Liver Pills.

SICK HEADACHE_Carter's Little Liver Pills.

in stock options or margins in Wall st. leads to wealth.

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outnumbered the buyers, but the former dinot press their holdings on the market with sufficient freedom to cause trouble. In bog products the feeling in a general way EMPLOYERS OF LABOR. was easier. There was no particular pressure to sell, and the changes in prices were slight but avaraged lower for the leading articles. The leading futures ranged as follows:

WHEAT-No. 2. Sanuary, 783-278-278-278-278-2 76kc; M vv. 813,6813,6813,6813,6 CORN—No. 2 January. 28%,6285,6283,6283,6 February. 29%,629%c; May, 813,6813,6813,6813,6 Call on, or write to BENSWANGER ZAHN, Agents, No. 60 Fourth avenue, Pittsburg, Penna., and secure a Policy of

OATS-No. 2 January, 20,620,620,620,620,6 February, 27,620,6; May, 22,620,620,620,6 Mrss Potts, per bit.—January, 2 476; February, 28 50,28 60,6; May, 2 8569 52,68 856 Insurance in the EMPLOYERS' LIABIL-ITY ASSURANCE CORP. OF LON-9 87% LARD, per 100 Ba — January, \$5 80,5 80 5 77% 95 80: February, \$5 82,695 85; May, \$6 02,696 0598 02,496 05, Shour Riba, per 100 Ba — January, \$4 85; February, \$4 67,494 67,494 67%; May, \$4 87% 94 85. DON, ENG., protecting you against accidents to your Employes and defending you in case of suit in Court for same cause. The features of this insurance are very attractive, February, \$4 673,694 673,694 673,694 673,814 9, \$4 873,694 85.

Cash quotations were as follows: Flour steady and unchanged. No. 2 spring wheat, 755,67: No. 2 spring wheat, 69,767; No. 2 rad, 763,69765,6. No. 2 carn. 283,6. No. 2 cars, 233, 235,6. No. 2 cars, 233, 235,6. No. 2 tarley, 55,6. No. 1 flaxsect, \$1 84. Prime timothy seed, \$1 17. Mess pork, per bbl. \$9 50. Lard, per 100 lbs, \$5 50. Blaort rabs sides (loose), \$4 50,66 25; short clear sides (boxed), \$4 50,66 25; short clear sides (boxed), \$4 50,68 25; short clear sides (boxed), \$4 50,60 Sugara—Granulitated, 65,6. standard A. 35,6. Receipts—Flour, 18,000 barrels: wheat, \$2,000 bushels: corn, 200,650 bushels: oata, \$4,000 bushels: Shipinents—Flour, 18,000 bushels: oata, \$4,000 bushels: Shipinents—Flour, 18,000 bushels: oata, \$4,000 bushels: corn, \$40,000 bushels: corn, \$40,000 bushels: oata, \$4,000 bushels: oata and an inquiry into the same is solicited. BROKERS-FINANCIAL. WHITNEY & STEPHENSON, 27 FOURTH AVENUE, Issue travelers' credits through Mesers. Drexe, sforcen & Co., New York. Pamports procured, app. 1 \$5 TO \$100 JUDICIOUSLY INVESTED

no26-TTSu

On the Produce Exchange to-day the COMMISSION, market was very dull; creamery, 16@26c; dairy, 12@22c. Eggs weak at 18@16c. Railroad Mining OIL 16 MEAT ON THE HOOF. BOUGHT AND SOLD Forcash or on margin, either on New York,

The Condition of Bustness at the East Liberty Stock Yards. OFFICE OF PITTSBURG DISPATCH, SATURDAY, Jaqua: y 11, 1890. CATTLE-Receipts, 1,060 head: ship 640 head; market, nothing doing; all through consignments; 7 cars of cattle shipped to New York to-day. Hogs-Receipts, 4,800 head; ship

WHY THE CAMBL HAS A HUMP. A Moungerlo Attendant Makes the Matte Pinin Enough.

head; market slow; all grades \$3 70@3 a5; 14 cars of hoga shipped to New York to-day.
SHEEP—Receipts, 1,600 head; shipments, 1,400 head; market slow at unchanged prices.

No thing is made for nothing. Every part of even the smallest animal's structure is, or has been, of use to him. Otherwise it never would have been developed.

"Can you tell me, my friend," said an elderly gentleman to the keeper of the menagerie, "what the hump on that animal's back is for?"

"Yes. O what value is it?" "Well, it's lots of value. De camel wouldn't be no good widout it.' "Why not?"
"Why not? Yer don't suppose people 'nd

The Trouble on the Pittsburg Traction Company's Line. KURTZ INTERVIEWED.

The all-absorbing topic in street railway circles at the present time is the strike of the gripmen on the Pittsburg Traction Company's line. Both sides are equally confideut of success. So far the Citizens' line has not been involved in the trouble. While riding on a car of the Butler street branch of the latter road the writer had the following conversation with Mr. Harry Kurtz, of 3415 Charlotte street, who was in charge of

STRIKING GRIPMEN.

the car at the time : "Two years ago I caught a cold. I paid no particular attention to it, and it soon became worse. My head was atopped up. My and then on the other. There was a constant, dull, heavy pain in my forehead. My eyes were inflamed, and at times so weak that I

were inflamed, and at times so weak that I could not see to read. There were ringing and buzzing noises in my ears, and after a short while I became quite deaf.

"I tried several physicians, but could obtain no relief. Indeed, I grew worse rapidly. The trouble exisaded to my chest and throat. Sharp pains, stabiling like a knife, would shoot through my chest, extending often as far as the shoulder-blades. My throat and the root of my tongue were very sore, and it was extremely difficult for me to swallow any solid food.

"Gradually my whole system became af-

"Gradually my whole system became affected. I could not sleep at nights, and would arise in the morning tired and unfit for work. I had a dry, hacking cough that annoyed me terribly.



Mr. Harry Kurtz, 3515 Charlotte street, "Night sweats set in and weakened me terribly. My heart would palpitate rapidly, and would then beat slowly. This would be followed by a weak, faint feeling. If I would stoop over and raise up suddenly I would become dizzy, and black spots appear before my eyes. I had no appetite. The very sight of food nauseated me.

examined by them. They did not make any great promises, but I felt that they un-derstood my case, and placed myself under their care.
"In a short time I noticed an improvement in my condition. My head and nose were no longer stopped up. The improvement soon became general, and to-day I feel as well as I ever did. My throat is no longer sore, I sleep well and arise re'reshed and able to do a good day's work, I have a good appetite and the pains in my chest and head have disappeared. To be brief, all the symp-toms I safered from have left me, and I owe

Statement From a Well-Known Gostleman of Hickman, Pa.

The statement given below is from one of the patients residing out of the city who was treated from the office of Drs. Copeland & Blair. The gentleman in question is Mr. William Barnes, of Hickman, Pa., a thriving town on the Pittaburg, Chartiers and Youghingheny Railroad, about 15 miles out from Pittaburg. During a recent conversation with the writer, he said: "Five years ago my trouble first made its appearance, and it continued to grow stendily worse until I was at last in a very serious condition. My head and nose were first stopped up, and there was a dropping from my head to my throat. I would get up in the morning feeling more tired than when I went to bed the night before. I could eat but little, and what I did eat laid like a heavy load on my stomach. The statement given below is from one of the

stomach.
"At last the trouble extended to my chest. "At last the trouble extended to my chest. There would be sharp pains stabbing like a knife right over my heart. My lungs became affected and I had a dry, hacking cough. I grew weaker and weaker and was unable to do any work. I lost all sense of taste and smell. I was acrised to go to England. I went there, and spent a great deal of money, but derived no benefit. I became disheartened and honestly believed my trouble would soon cause my leath.

death.

"I was advised while in this condition to try
Drs. Copeland & Blair. I had read of the great
good they were doing, so determined to see
them.

"The result has been a great surprise to me.
I improved rapidly from the very first. I soon
regained my sense of smell and taste. I have
no more trouble with my beart or pains in my
chest. I can eat well and feel refreshed by my
sleep. It can work all day and feel good at

Result of Home Treatment, Some time ago Mr. Harry Phillips, of Hulton, Allegheny county, Pa., commenced a course of home treatment for his catarrhal trouble, under the care of Drs. Copeland & Blair.
At that time his trouble had assumed a very aggravated form. He stated to the writer as

ent being from the one I was when I commenced your treatment, and am glad to be able to make this statement."

Are located permanently at 66 SIXTH AVE.

Where they treat with success all curable cases. Office hours -9 to 11 A. M.: 2 to 5 P. M.; 7 to 9 Specialties—CATARRH, and ALL DIS-EASES of the EYE, EAR, THROAT and

Consultation, \$1. Address all mail to " DES. COPELAND & BLAIR, # Sixth ave. Pittsburg, Pa

"One day I read is a paper of a gentle-man who had been treated and cured of a

sleep. I can work all day and feel good at night. In fact, I am perfectly well. I owe my recovery to Drs. Copeland & Blair, and shall be glad to speak with anyone about my case."

aggravated form. He stated to the writer as follows:

"My nostrils would clog up. My head ached constantly. I had severe pains in my chest. There was a dropping of mucus from my head to my throat. I had night sweats. My heart would palpitate rapidly, and he followed by a slow, irregular beating and feeling of faintness, I was daily growing weaker. The slightest exercion tired me and I was unfit for work."

"How do you feel now?"

"Like another being. All the symptoms I have described to you have disappeared, and I feel as well as I ever did in my lite."

Last May Miss Lottie J. Forker, of 299 Arch street, Meadville, Pa., piaced herself under treatment by mail with Dra. Copeland & Blair for her catarrhal trouble.

On Jane 9 she wrote: "Your medicine is doing me good. I do not feel so tired, and my beadaches have ceased."

August 28 her letter stated: "I feel quite like a difforent woman from the one I was when I commenced your treatment."

Mr. M. C. Wilson, who commenced using the home treatment early in July, wrote on the 28th of the same month: "I am improving steadily; feel much better than I have for years past."

August 18 he wrote: "I am feeling like a different being from the one I was when I commenced your treatment, and am glad to be able

DOCTORS