USES OF PHONOGRAPHS.

MANY CHANGES MADE IN THE SENSITIVE INSTRUMENT.

It Is Being Used as an Aid to Medicine, in the Learning of Languages and in Elocution—An Interview with a Physician Who Has Studied Them.

Dr. J. Marvel Hirons, of this city, has been making a collection of voices for nearly five years, and he has now fully one hundred specimens, which can be heard at any time by putting the tube of the phonograph and stirring the machine in motion. Dr. Hirons makes a specialty in diseases of the throat, lungs and respiratory organs, and he is one of the phonographs and various graphophones have been made solely for the purpose of ascertaining the greatest value of these inventions in regard to medical and other sciences.

The voices are all taken on wax cylinders, five inches long by three in diameter.

"Few people have any idea," Dr. Hirons said to a reporter the other day, "of the wonderful changes that have been made in the phonograph since it first came from the workshop of Mr. Edison. The improvement has now been so perfected that it is capable of faithfully representing every word, syllable, vowel, consonant, sonorant, or indeed sounds of any kind.

"A serious defect of the modern phonograph is the difference in speed of the key of the tube by an increase or decrease in the velocity of the cylinder. If the latter is turned so fast to transcribe the tone so as to be in unison, the sound is accompanied with almost mathematical fidelity. If, however, the cylinder is turned more slowly, the tube is superfocused in a much lower tone. So, on the other hand, if the cylinder is moved more rapidly, the tube is reproduced in a much higher key. This evidently has proved a great bugbear, but self speak as it so that been endowed with different vocal organs.

"A contralto, for instance, who sings a song into the phonograph in her usual style may hear it reproduced as she pleases, by changing the speed of the machine, a soprano, mezzo soprano, high treble, or, on the other hand, a baritone, basso, or even bass profundo. Of course there is a change in the time corresponding with the change in the key. The high treble sings so rapidly as to grate upon the ear, while the basso vocalizes so slowly as to elapse sentiment fatigue. Strange to say, the quality of tones which the Frenchman prefers remains unchanged, no matter what time is employed.

"IN MEDICINE.

"That it is in medical science that the phonograph is destined to exert a greater influence. Its value in this branch is barely beginning to be appreciated. For some years I have devoted myself to studying the use to which this machine might be put in the medical as well as other sciences, and I can safely say that already in the present stage of its development the phonograph can be made to record many of the symptoms usual to diseases of the respiratory organs, in both normal and abnormal states. For instance, the tone of singers with a good voice may be recorded and kept for comparison. In case of any ailment, making the normal sound a standard.

"Phonograms of tones, baritones and basses may be preserved, and be tested as to the different shades of tone and quality, and be found of value in clinical, as well as in other demonstrations. Good records of specimen patients, illustrating a certain cough, such as the whooping-cough, barking cough, asthmatic cough, bronchitis, tones of the larynx, and in croup and diphtheria would be of great benefit, particularly in cases of diphtheria and croup where the stenosis is marked.

"A similar operation might be selected, and the stenosis, listening through a cylinder, resolve the inspiration therefrom, so to detect the exact time when obstruction interferes most seriously. With the aid of such practical demonstration in the lecture rooms of our colleges, I am certain that our students would gain more from one lecture than from two doses of the ordinary and prevailing ones.

"Only too frequently, when we wish to demonstrate some particular clinical case to our students with a view to illustrating certain points of interest therein, a proper subject cannot be found, and weeks may freely take the place of facts. Now, if good records of clinical cases in, say, private or hospital experience could be taken and kept, then living cases could be used, as they ought to be, in medicine and would be presented in the various stages of the case."

Dr. Hirons instantly remarked that he thought these phonographic patients would soon be placed in our or more of the medical colleges. He himself has a large collection of syllables illustrating the different forms of lung and throat diseases, including stammering, coughing, hoarseness and nasal troubles.

PHONOGRAPH IN ELOCUTION.

"You seem enamored," said Dr. Hirons, "that the many uses to which this valuable machine may be put are just beginning to be realized. A particular application of the phonograph has been suggested by Dr. Richard S. Rosenthal, which is already productive of very satisfactory results. This is the institution in the pronunciation of Foreign languages. I am told that a number of Dr. Rosenthal's pupils are already engaged in this, the ideal way of mastering foreign tongues.

"The pupils are supplied with books and prepared cylinders to match. The method of study is to learn the eye and the ear at the same time, and a pupil, with his lesson on the cylinder, can, by hearing it over and over again, master the pronunciation of the first form of long and throat diseases, including stammering, coughing, hoarseness and nasal troubles.

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"As an aid to the teacher of elocution, this novel idea has been brought into actual execution, and it is at the present time being practiced by a number of actors and actresses. The example was set by Clara Morris, who obtained a phonograph, and used it to ascertain exactly how she speech accorded. She had become convinced that her speaker would catch the tones of his or her own voice exactly as others did.

"It occurred to her that by speaking into a phonograph she could secure to herself a correct line of her vocal expression. Her plan succeeded admirably. She recited doubtful portions of her voice into the machine, and had it repeat them again and again for her criticism. The story of Miss Morris' experiment leaked out, and now there can be counted at least a dozen actors and actresses, in their parts, are calling the machine to assist them in their efforts toward correct elocution."—New York Sun.

The Point of View.

ANXIOUS WOMAN—Who? Not going to Jacob today!

AVERAGE MAN—What the use? Our new preacher is so near sighted he can't tell whether we're there or not.—New York Weekly.

A profile with a taste for statistics has calculated that the average newspaper writer makes 4,000,000 strokes with his pen each year, or a line and one-half a day. But he promises there will be less than 10,000 in every minute, in fact, he thinks he can reduce a fortnight.

The fig is the favorite fruit among animals, and horses, cows, hogs, sheep and goats will eat this fruit so readily as man. The chickens consider it a delicacy, while all the birds greatly devour fig.

An Interesting Will Case.

An interesting and not a case of peculiar complication was disposed of by the court in Allentown recently. When the wife of the late Peter Moyer, of West Rockhouse, died two or three years ago, she left a will bequeathing all her property, real or personal, to her husband, and it was stipulated that after his death the estate should revert to "our heirs," to quote the language of the document. Moyer married a second wife, and a few weeks after the ceremony he was taken sick with a fever and died.

His widow brought suit against the heirs, Frank and George Moyer and Mrs C. Bomer, for a dower right in the property, which was contested by the heirs for life. The main question discussed before the court was whether the interest of Peter Moyer in the estate was absolute or a life one only. Judge Albright took the latter view of the affair and rendered a decision in favor of the heirs, one of whom lives in Texas. The property is valuable and is situated in West Rockhouse. Before his death Moyer gave his wife a check for $1000 on a bank which he had to bank.—Philadelphia Ledger.

A New Way of Getting Postage Stamps.

The postal authorities appear to regard the need for additional conveniences in the way of stamp distribution as real, for they have devised a cylinder to be attached to a selected number of pillar boxes, which, when worked, will deliver pieces of machinery working upon the "penny-in-the-slot" principle. By two movements of the hand the delivery of a small envelope containing a specimen stamp, from Nil of useful postal information, with blank leaves which might serve for letter paper, and in the cover of the book is securely inserted a penny stamp. The syndicate looks for profit not to the commission on the sale of the stamps, but to the income from advertisements inserted in the books.—London Telegraph.

A Commendable Act.

Mrs. Rolfe, wife of ex-Governor Rolfe, of New Jersey, deserves high rank among the patriots women of the land. Though loved with the same fervent devotion as her husband, she finds time for all sorts of small work between kitchenette, so delicately done that their value is trebled. Some time ago she bought a book, the authorship of which was blank. After reading it she sent to its writer a letter of warm thanks for the pleasure it had given her, and took the trouble to pick through every word of it, so that the kind woman might read it with her finger tips.—Exchange.

The mad king of Bavaria sometimes smokes as many as 100 cigarettes a day. For each cigarette he uses an entire box of matches, touching off the others to use those lasts after he has used one to secure a light with. He has a new suit of black broadcloth made for him twice every week, but he never uses a handkerchief, towel or napkin. He refuses to go near water and never bathes.

"All for Fame."

A pretty Yankee schoolmistress has by this time found out the kind of man not to run away with. She thought she was awfully in love with a certain gay deceiver of a widower, who unfortunately had already one wife and an interesting family. She also thought he was in love with her, and he certainly told her so often enough. At last she concluded life was no longer worth living without her own affinity, and he made her think so all the more. So she ran away with him, to go far away where they were not known, to make a home and live love's young dream for half a century.

But there was one thing the pretty schoolmistress did not remember. That was that a man who would run away from one woman could be infallibly depended on to run away from another, and, about a few weeks, another, this bride have got tired. Love's young dream began to be fatiguing. At home his money was not forthcoming to support wife No. 1 and the interesting family. They missed that money, and the wife concluded that the husband wasn't so bad after he could not be forgiven, especially as forgiveness is one of the well recognized virtues of woman's gentle nature. So there was a come-home all-is-forgiven scene, and now the wife and children are occupied in explaining that papa wasn't to blame. It was the fault of that Bad Young Woman, who hung all her sins and caused him away.

The pretty schoolmistress has lost her school and cannot get it back again. She has lost also her standing in society, and cannot get that back. She has lost her ideal here, and has not even the common, silly fellow she ran away with. She will think twice before rumpling away with another man probably. In the not very jolly years that now stretch out before her she will have leisure to make up her mind that there are times when woman's beautiful affectionate nature, when she is not governed and systematically. Besides that, she will have to see her conscience that she has lost an innocent man away from the path of virtue.

But the warmest sympathies of an outraged public are hereby extended to the innocent victim of a man who was thus led astray by this Bad Young Woman.

Hawthorne's Double.

It is a well known fact that Julian Hawthorne has a double—a man to like himself in countenance, dress and manner that even Hawthorne's intimates occasionally get mixed on identities. Coming down Broadway the other day Hawthorne met a warm friend and stopped to speak to him.

"By Jove!" exclaimed the friend, "what made you act so queerly when you met me yesterday?"

"I didn't meet you yesterday," said Hawthorne. "I haven't been in town for a week."

"Nonsense! I met you yesterday in front of the Hoffman House."

"But you are mistaken. I was not in the city. You probably met my double. What did he do that was so queer?"

"Why, I said, 'Hello, old man! Come and have a sign,' and he said, 'No, thank you.'"

"Humph!" said Hawthorne contemptuously, "you might have known that wasn't I."—New York Recorder.

A Justice Acting Coroner.

An incident which caused much amusement and set everybody looking curious in the court room took place in a recent afternoon. John Williams, who had been charged on several indictments for larceny, lottorous entry, larceny, etc., but was doubted not guilty on all but three indictments, pleaded guilty on the indictment for larceny. During the day a rocker was offered in testimony, it being claimed that the prisoner had stolen the kind.

Now this rocker, like any other sensible kind, kept its mouth shut and behaved very nicely indeed during the trial. But when Judge Bitzenger called the prisoner upon sentence upon the indictment which alone the heirs, the other heirs went in the direction shown in the illustration, pushing the rocker part of the way before them. The rocker, which the heirs was made made for the nearly two weeks.

A Warning

To Horse-Owners.

The Split Nail in the Shoe certainly lained the horse from which it was removed, by taken in Worcester, Mass. One point of the nail came out in the proper place for clinching, and so deserted the blacksmith who shod the horse. The other point went in the direction shown in the illustration, piercing the tender part of the foot and causing the lameness which the horse was made lame for one nearly two weeks.

DANGEROUS

The Putnam Nail

CANNOT SPLIT, SLIVER OR BREAK.

It is Honest Horseshoe and Horseman Proof. Ask your blacksmith for the Well made by the Putnam Nail Co. Insist on your shoeing the old-fashioned hand-made nail.

The United States Government protects the patentee of their manufacture through patents, and other firms who make or attempt to make the Nail are liable to prosecuted, are guilty of infringement and Defrauding the Public.

AND YOU VALUE YOUR HORSE insist on your Blacksmith using the PUTNAM. It is absolutely safe.

For sale by all dealers in Horseshoe Nails. Manufactured only by Putnam Nail Co., Reporsal, Boston, Mass.

CLAIMS AGAINST THE GOVERNMENT, CONTESTS in the General Land Office, CAVEATS, Patents and Copyrights secured by CHARLES W. STAYNER, Attorney-at-Law, WASHINGTON, D. C. P. O. Box 774.

"UTAH' 47 to '70."

CHARLES ELLIS' GREAT LECTURE ON THIS SUBJECT IS NOW IN PRINT.

Good paper, large type and excellent work make it a very attractive pamphlet, just the thing to circulate among our "Gentiles."

For Sale by the UTAH HOME AND STATIONERY CO., 12 Main St., Salt Lake.

PRICE, 25 CENTS.

Sent by mail to any address on receipt of price. Address CHARLES ELLIS, 40 East 1st North St., Salt Lake City, Utah.

CHURCH BLANKS

Printed and For Sale At THE DESERET NEWS OFFICE, SALT LAKE CITY.

MONEY

DELINQUENT NOTICE.

NOTICE—TIDES IS DELINQUENT ON the following stock in the Deseret Telegraph and Telephone Company, on account of assessment of thirty (30) cents per share, levied on the 12th day of April, 1891, and unless payment is made before the 15th day of June, 1891, will be sold to pay the delinquent assessment, as follows:

Name.	No. of Cert.	No. Shares.	Amount.
Chas. H. Bridge,	1 to 10 inclusive	3,500	$1,050.00
H. F. Webster,	11	1,000	300.00
H. C. Irwin,	12 to 14 inclusive	1,000	300.00
Geo. H. Pierce,	15	500	150.00
E. H. Rollins,	16 to 18 inclusive	1,000	300.00
Chas. H. Fridge,	19 to 22 inclusive	17,000	5,100.00
Geo. S. Peck,	23 to 27 inclusive	17,000	5,100.00
H. Hampshire,	28, 29	2,000	600.00
H. Hampshire,	30 to 32 inclusive	32,000	9,600.00
Trustee.	33 to 37 inclusive	17,000	5,100.00
David Peck,	38	1,000	300.00
E. A. Parsons,	39	4,500	1,350.00
E. A. Parsons,	40	5,000	1,500.00
E. A. Parsons,	41	4,000	1,200.00
A. F. Rawlins,	42	2,000	600.00
A. H. Young,	43	2,000	600.00
S. L. Gilson,	44	2,000	600.00
S. H. Berry,	45	5,000	1,500.00
J. W. Watson,	46	5,000	1,500.00
W. S. Hanson,	47	2,000	600.00
A. C. Emerson,	48	1,000	300.00
D. W. Moore,	49	1,000	300.00
W. H. Lewis,	50	1,000	300.00
J. Sassoli,	51	1,000	300.00
F. G. Hoss,	52 to 55 inclusive	4,000	1,200.00
C. Irwin,	56	200	60.00
J. G. Lewis,	57	200	60.00
E. H. Rollins,	58	1,000	300.00
H. H. Cluff,	59	200	60.00
J. E. Farnsworth,	60 to 61 inclusive	400	120.00
W. F. Lewis,	62 to 63 inclusive	400	120.00
J. A. Benson,	64	200	60.00
Abner Brown,	65 to 66 inclusive	400	120.00
J. Rossington,	67 to 68 inclusive	400	120.00

And in accordance with law and an order of the Board of Directors made on the 12th day of April, 1891, so much thereof of each parcel of stock as may be necessary to pay the amount thereon, will be sold at the Office of the Company in Salt Lake City, on Friday the 5th day of June, 1891, at 2 p. m. to the highest bidder, for cash, to pay the delinquent assessment, together with costs and expenses of sale.

By order of the Board of Directors.

C. C. DOWN, Acting Sec'y.

ADVICE TO MOTHERS.

MRS. WINSLOW'S SOOTHING SYRUP should always be used for children teething. It soothes the child, softens the gums, allays all pain, cures wind colic, and is the best remedy for diarrhœa. Twenty-five cents a bottle.

LEGAL NOTICE.

In the Probate Court in and for the Third Judicial District, Territory of Utah, County of Salt Lake.

In the matter of the application of the Salt Lake Canal Company for a Decree of Ratio of appropriation, in Utah.

NOTICE IS HEREBY GIVEN, THAT THE above named court has entered under the seal of the Territory of Utah, has presented to the Honorable Probate Court of the Third Judicial District, the county of Utah, a petition praying that to be adjudged and decreed the ratio of appropriation, and the Tuesday, the 6th day of June, 1891, at 10 o'clock in the forenoon, or as soon thereafter as the said petition can be heard, has been appointed at the time, and the place of hearing, in the Probate Court of the Third Judicial District, in the city and county of Salt Lake, Territory of Utah, at the place in which said court is now and will be held.

Witness, HENRY S. ROBILLAR, Clerk.

LEGAL NOTICE.

In the Probate Court in and for Salt Lake County, Territory of Utah.

In the matter of the Estate of Thomas Hayes, deceased.

NOTICE IS HEREBY GIVEN THAT the undersigned, the administrator of the estate of Thomas Hayes, deceased, has filed his final accounts and report of said estate, and that the same has been duly examined and allowed by said court, and that said accounts and report will be heard and settled by said court, at the court room of said court, in the Probate Court of said County, in the Temple Block, in said City, on the 15th day of July, 1891, at 10 o'clock a. m. of said day, when and where all persons interested in said estate are hereby notified to appear and show cause why the same should not be allowed and settled and the administrator be discharged from his trust.

Dated May 25, 1891.

C. C. ALLEN, Clerk of the Probate Court.

By C. S. STANTON, Deputy Clerk.

LEGAL NOTICE.

In the Probate Court in and for Salt Lake County, Territory of Utah.

In the matter of the Estate and guardianship of Joseph C. B. Graham, et al, Minors.

Order to show Cause why Order of Sale of Real Estate should not be granted.

SARAH A. MITCHELL GRAHAM, THE guardian of the person and estate of Joseph C. B. Graham, Sarah Graham, Mary Graham, Ruth Graham, Mary Graham, Ruth Graham, Joseph Graham, Hugh Graham, Joseph Graham, Hugh Graham, Joseph Graham, Hugh