A Chemist, An Engineer, An Electrician,

A Teacher, A Lawyer, A Physician,

State College, Centre County, Pa.

Democratic Watchman.

Bellefonte, Pa., March 27, 1903.

Deaf Are Made to Hear.

Inventor Breaks the Silence of Years for the Poor

the laboratory of Miller Reese Hutchinson,

ber disc about three inches in diameter.

CORRESPONDS TO THE TELEPHONE. The other two pieces are the earpiece, which corresponds to the receiver of a tele-

When Mr. Hutchison is operating his in-

transferred, whether it be the voice or some other sound, is caught by the receiver and intensified before it passes to the ears of

The first subject experimented on was a youth of 18. He was born deaf, dumb and blind. Two years ago, when Mr. Hutchi-

the first time what the three words, "papa," "mamma" and "hello," sounded like. He

VISITORS AFFECTED TO TEARS.

DEAF GIRL BEATS TIME.

ears. Then the pianist stopped playing and the girl laughed out-right. Then she clapped her hands in sheer delight.
"What's the matter?" inquired Prof.

in time to it. In some ways this was regarded as the best test of the afternoon.

Mr. Hutchison is a native of Mobile,

Ala. He has been at work on his inven-

tion for several years. Last year he went to England and showed what his machine

could do in several of the institutions for the deaf and dumb in London.

Curtails Tips to Porters.

Executive officials of the Pennsylvania lines west of Pittsburg have adopted measures to diminish the tip-giving nuisance.

to brakemen only.
Officials of the lines say that the tipping

Van Tassel.

Then a pianist struck up a march, the girl listened intently for nearly five min-utes. She seemed to be lost to everything but the sound of the music that flooded her

ticulate at all-after Mr. Hutchison.

Machine Intensifies Sound.

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Birds Killed by Wholesale.

The market hunters of the Chesapeake Bay country have got their names into the newspapers by using swivel guns on ducks, killing a hundred or two at a discharge, but they have many brethren further down watch thousands of miles of coastline and the business is carried on without serious

The swivel gun is sometimes a small cannon mounted in the bow of a heavy boat, and so arranged that its muzzle may be swept almost in a circle, but most often it is a huge single-barrel or double-barrel. made much like the weapons intended to be carried on the shoulder, but ten times as big. Sometimes the swivel guns are displaced by shoulder guns of 4 gauge, but these, while more readily handled, are not as effective as the swivels.

The common gauge of the bow guns is about No. 1, which is equivalent to saying that a ball of lead equal to their muzzle diameter would weigh one pound. They are thus 1-pounders. They are loaded with black powder, since their breeches are never strong enough to withstand the ex-

From balf a pound to a pound and a half of No. 6 shot is put down on the powder and the execution that a load of this character will do over water closely packed with ducks may be imagined. The noise is so great that birds for a mile around get up and go away, and it is not usual that more than two shots are fired in a morning. Even so, a boat will often return to its hiding place with 300 ducks worth from

Science has made it possible for even deaf mutes to hear in New York. The fact was demonstrated recently at \$1 to \$3 a dozen. The hunting is done always just about daylight, it being the purpose to catch the ducks on their roosting waters before they have dispersed for the day. The swivel is useless after sunrise unless the fog be very a young electrical engineer, at No. 114
West Thirty-second street, in the presence
of a few physicians, the Duke of Newcastle heavy, and is never used during evening

and 15 or 20 men and women prominent in fashionable society in New York. There are always three men to the crew of a swivel boat. One does the watching The company was assembled to witness tests of the "Accousticon," an invention of Mr. Hutchison, upon several inmates of the New York Institution of the Deaf and for ducks, the aiming and the firing, another attends the sails, another steers. Each of them has a double-barrel, which is The device is in three pieces, which may be carried in the pocket. That called the receiver—which in the telephone would be called the transmitter—is a vulcanized rubcarried for the purpose of killing cripples, of which there are a number after each discharge. These guns, unless the odds are too heavy and there is no chance to get away, will be used also on any warden who is sneaking about in his rowboat and attempts to interfere.

Each swivel boat carries three narrow,

To its back is attached a hook by which it may be suspended from a waistcoat pocket. The reverse face of the disc is hollowed and in the hollow certain gases, the composition being known only to Mr. Hutchison, are hermetically sealed. light skiffs and the men pile into them as soon as the big gun goes off, retrieving the dead. It is their object to get away as

soon as possible.

The hundreds of bays, sea-emptying bayous and inlets along the coasts of Alabama, Louisiana, Mississippi and Texas are fields for the bunters with swivel guns, and they are especially active in those waters from which there is ready access to New Orleans, which offers them an excellent market. which corresponds to the receiver of a tele-phone, and the battery. The latter is about three inches long, two inches wide and half an inch thick. It contains several cells, which supply the electric current. Wires connect the three pieces of the ma-

wention he stows the battery away in his waistcoat pocket. The sound that is to be transferred, whether it be the voice or some nothing much is said about it. It is cernothing much is said about it. It is cernothing much is said about it. tain that five ducks out of ten exposed for sale in the New Orleans market are killed until arrival at Los Angeles and transportaillegitimately, but there is no way of pre-venting it. An army of wardens big enough to put an end to the traffic would cost ten times as much as all the ducks in son had perfected his first apparatus, he tried it on this boy and the lad learned for

Children Should Read Aloud.

did not hear the words again until yester-Reading aloud well is an accomplishment day afternoon, and as soon as he heard them, he was able to repeat them—as well ranking next to music as a means of entertainment at home and in the family circle. as a deaf mute can who has learned to ar-In a past generation the long winter evenings were looked forward to with pleasing anticipations which were realized when they were chiefly spent at home, and going to parties was the exception. The father, The expression on the boy's face when he heard again was so pathetically joyous to parties was the exception. The father, that many of the women were affected to mother, and children all gathered in the common living room, and one read aloud while others busied themselves with some The second subject to be experimented upon was Mary McGirr, 21 years old. It handiwork, and all, save very small ones, was very much of an anniversary day for who had an early bedtime, listened with who had an early bedtime, listened with attention and interest. There is much talk just now about the study of child nature. It would astonish some of these was very much of an anniversary day for her. On the day of the great blizzard, March 12th, 1888, she had as good hearing, speech and understanding as any girl of her years in New York. On that day, returning from school, she caught cold, and the cold developed maladies which left her deaf, dumb and blind. students could they know how much of good literature intended for mature minds was comprehended and appreciated by chilher deaf, dumb and blind.

The ear piece was adjusted to her ear and Mr. Hutchison took up a transmitter, which fitted over his nose as well as his mouth, in order that the subject might catch the nasal sounds as readily as the others. Then Mr. Hutchison soid the subject might catch the nasal sounds as readily as the others. seven to ten years of age. Such children have of their own volition learned large parts of 'The Lady of the Lake,' 'The Lay others. Then Mr. Hutchison said to her the same words he had spoken to the pre-vious subject. At the first word the girl looked startled. Then her face lighted up of the Last Minstrel" and many poems great merit. One lady, recently dead, took pleasure, when long past her eightieth year, in repeating gems of poetry learned in her early girlhood. with a smile and she promptly repeated, in sign language, "papa." So it was with the other words.

There is too much light and trashy reading for children. They are left too much to themselves in choice of books. Parents are apt to be engrossed in their own pursuits and do not give to their children the proper training in reading aloud at home. Toolmuch dependence is placed on their being taught at school. At school there is not sufficient time to give each child all the exercise in this that is needed. Read-"The music! The music!" exclaimed ing aloud should be done at home. One the girl. "It was beautiful. Can't I hear principal of a school has recognized this, ing aloud should be done at home. One the girl. "It was beautiful. Can't I hear some more?"

The pianist started again, this time on "Yankee Doodle," and Mary began to beat time with her fingers.

Two other girls and a boy were the last subjects. The boy was so delighted with the music that when the pianist played a two-step he began to grin and then to dance in time to it. In some ways this was regarded as the best test of the afternoon.

The pianist started again, this time on "Yankee Doodle," and Mary began to beat time with her fingers.

Two other girls and a boy were the last subjects. The boy was so delighted with the music that when the pianist played a two-step he began to grin and then to dance in the habit. He gives a credit to children for home reading alond, and asks a report from the parents, and also gives the pupil an opportunity to tell his class the things he has read. The responsibility of a child's education is not wholly the teacher's. The teacher is simply to supplement the efforts of the parents, to supplement the efforts of the parents, to supplement the efforts of the parents, and is making an effort to encourage children in the habit. He gives a credit to children for home reading alond, and asks are port from the parents, and also gives the pupil an opportunity to tell his class the things he has read. The responsibility of a child's education is not wholly the teacher's. The teacher is simply to supplement the efforts of the parents, to supplement the efforts of the provide this provide the provide the provide that the provide the provide

ply what it is inconvenient or impossible for the parent to give. Schools are not in-tended to take a parent's place. It will be recalled that a man named It will be recalled that a man named F. J. Riley, was run down and fatally injured in front of the Ward House at the Tyrone depot recently and died at the Altoona hospital. After the death of Riley it was thought that he was sailing under an assumed name. His right name was believed to be Mayard Book because of numerous letters found on his person. numerous letters found on his person. A Train porters, it was announced Friday morning will no longer be permitted to turn seats for passengers in order to receive tips. Porters who have seat keys have been notified to return them, and the yard-masters have been instructed to give keys to brakemen only.

Officials of the lines are that the timing of the lines are that the timing and letters and owing him \$15.

practice is a nuisance. It is probable that the Pennsylvania lines east of Pittsburg thought of the reception he had attended will in a short time make a corresponding move. Many of the officials are in favor of making it a rule to discharge any employe who receives a tip while in the service. Tours to Los Angeles on Account of the Presbyterian General Assembly.

For the Presbyterian General Assembly at Los Angeles, Cal., May 21st to June 1st, the Pennsylvania Railroad Company has arranged three trans-continental tours at but they have many brethren further down the coast who do equal slaughter and are never heard of. While the game laws of all the ocean states forbid the use of these weapons, there are not enough wardens to watch thousands of miles of coastline and the business is carried on without serious pleasure of the tourists. All Sunday travel will be avoided.

The Pennsylvania Railroad is the only railroad that will run tours to Los Angeles on this occasion under its own Personally-Con-

NO. 1. ASSEMBLY TOUR. Special train of baggage, Pullman dining and drawing-room sleeping cars will leave New York May 13th, going via Chicago, Denver, and the Royal Gorge, stopping at Colorado Springs, Salt Lake City, and San Francisco, arriving Los Angeles May 20th; leaving Los Angeles, returning, June 1st, via the Santa Fe Route and Chicago; arriving New York June 5th. Round-trip riving New York June 5th. Round-trip rate, including transportation, Pullman accommodations, and meals on special never strong enough to withstand the extension of a proper quantity of smokeless powder, and they make a roar like a field piece.

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tures until arrival at Los Angeles, with transportation only returning independently on regular trains via going route, New Orleans, or Ogden and St. Louis, and good to stop off at authorized Western points, will be sold at rate of \$109.50 from New York, \$107.75 from Philadelphia, \$104.75 from Baltimore and Washington, \$98.00 from Pittsburg; returning via Portland, \$11.00

NO. 2. YELLOWSTONE PARK TOUR. Special train of baggage, Pullman dining, drawing-room sleeping, and observation cars will leave New York May 12th, going via Chicago, Denver, Colorado Springs, and Salt Lake City, with stops en route, arriving Los Angeles May 20th; returning, leave Los Angeles June 1st, via Santa Barbara, San Jose, San Francisco, Seattle, and St. Paul, with stops en route and a complete tour of Yellowstone Park; arriving New York June 23rd. Rate, including all necessary expenses except hotel cluding all necessary expenses except hotel accommodations in Los Angeles and San Francisco, \$253.00 from New York, \$251.-25 from Philadelphia, \$249.25 from Baltimore and Washington, \$244.00 from Pitts burg, and proportionate rates from other

NO. 3. HOME MISSION TOUR. Special train of baggage, Pullman dining and drawing-room sleeping cars will leave New York May 13th, going via Chicago and Sauta Fe Route, Grand Canon of Arizona, and Riverside, arriving Los Angeles May 20th, leaving Los Angeles, returning, June 1st via Santa Barbara, San Francisco, Salt Lake City, Royal Gorge and Denyer are especially active in those waters from which there is ready access to New Orleans, which offers them an excellent market.

Now and then one of them is killed and left to die in the mud or float about in the bay until the tide carries, his body out to see, and now and then a deputy game warden pays the penalty of temerity, but nothing much is said about it. It is certified in the said about it. It is certified in the said about it. It is certified in the said about it.

tion only returning independently via

direct rontes with authorized stop overs, will be sold at rate \$121.00 from New York, \$118.50 from Philadelphia, \$116.00 from Baltimore and Washington, \$110.00 from Pittsburg; returning via Portland, \$11.00

The tours outlined above have the indorsement of the officers of the Presbyterian General Assembly, and are designed to meet the requirements of those attending the General Assembly as well as those desiring to visit the Pacific Coast at a minimum coast.

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