to 1,568.

THE TELEPHONE.

PLAYING TUNES AT A DISTANCE OF TION OF THE DISCOVERY-TWEN-TY-TWO MESSAGES SENT SIMUL-TANEOUSLY OVER ONE WIRE.

six months ago. soon as they arrived and had pany's workshops, in order to have been introduced to the inventor, he a talk about the practical applicabriefly explained to them the na- tion of the new idea. Having exture of the exhibition, showing that amined the telephone, the reporter the sound-producing instrument found that it was an exceedingly was about a mile distant, and call- simple instrument, consisting of ing attention to the receiving in- twenty-two musical keys, arranged struments, by means of which he to be worked electrically. The proposed to bring the far-off music following conversation ensued: within the hearing of all in the Reporter .- The exhibition you ry violin with a metallic plate vention?

lieu of the four strings.

declining. In 1830, there were to sounding-box began to evoke sweet- one wire can easily be employed by every 1,000 marriageable women ly and very sonorously the tune of at least twenty two different send-1,952 children under fifteen years of Yankee Doodle, followed in a ing and twenty-two different reage. Ten years later there were 1,- minute by Robin Adair. The effect ceiving operators. to 1720; in 1860 to 1,666, and in 1870 derful, or useful, or all combined, time? there is in alt or nature—was in- Mr. Gray—That is a point I do "The total decline in the forty stantaneous. They looked from not know about yet? years was 384, or about twenty per one to the other with a that's-a-big- Reporter - You say "at least cent of the whole proportional thing sort of an expression which twenty-two." Is there then a prosnumber in 1830, a generation ago." was quite amusing, and when the pect of sending even more messages last note of Robin Adair died away in the same direction? half century, and increase in the was produced at the other end of course the number of messages will same ratio as they have in the last the line by an instrument fitted be largely augmented, but I have fifty years, it requires no prothet with keys, which, under the action my doubts about being able to do to foretell that the wives who are of the electric current, underwent so. The sons of the new world will each key achieved, provided its How will it work? have to react, on a magnificent note, the number of vibrations of Mr. Gray-We will see that in a WHITE AND COLORED, ALWAYS ON HAND. scale, the old story of unwived the higher keys being, of course, minute. Rome and the Sabines."—Westmin- much greater than those of the Reporter—Does the length of lower. The number of vibrations line make any difference? lower. The number of vibrations line make any difference? the electric coil on top of the quired, but the sound is carried sounding-box, which, systemati- over any length of wire which is cally vibrating, sounded the note. electrified from a sufficiently strong A MILE-PRACTICAL APPLICA- The inventor then called attention battery. In England I made exto the fact that with the introduc- periments on what they call there tion of living animal tissue into an artificial cable, representing the the circuit the sound could be pro- conditions of an actual ocean cable. duced without agency of the elec- The experiments were as thoroughtro-magnet. In proof of this, he ly successful as those you witnessed About the middle of last July, placed himself in the circuit, and, this morning. At a future day we the Tribune published an account taking the violin above described intend to make experiments with of an invention of Mr Elisha Gray, in his hands, he rubbed the surface superintendent of the Western of its metalic plate with a bow Electric Manufacturing Company, composed of a small piece of wood called by him the telephone, with with a piece of a pig's tail Logan, the "Wild Irishman," on whose aid he was enabled, as the dexterously inserted therein, and

article showed, to transmit sounds evoked as loud correct music as had from one end of the telegraph wire been provided by the sounding-box. to the other, or to any point or Having shown the gentlemen pres- of the great debate, like a trick points along the same. At that ent how to do it, they all in turn time the invention was sufficiently took the violin in hand, and aladvanced to give promise of prac- though none of them had ever beautiful dream-Logan, of Illinois. tical results of uncommon value, played a note in their lives before, There was a vision of mustaches, which later developments have with the aid of the piece of pig's fully confirmed. In England, as tail they produced just as good other in arches; a large brandishwill be seen further on, the idea at- music as Mr. Gray, every bit. The intracted the favorable attention of ventor then, to show that the printhe very highest scientific authori- ciple applied to everything that picture of the Deerfield massacre ties, and it will thus easily be un- was sonorous in its nature, sent for had stepped out from the pages of derstood that when, yesterday a dust-pan, from which he, placing our early history. Logan took the morning, the inventor gave an ex- himself in circuit, brought forth hibition of the new idea he had the music, less clearly of course, cious ears. And then he went for discovered in the field of elec- than from the violin or soundingdence he may not have possessed the room. He then took an ordi- showed no mercy. Swinging the nary letter box, and placing a sheet great broad-ax of his logic hair in The exhibition of the telephone of tissue paper across it instructed the air, he turned it ere it fell, and took place in General Stager's room, a gentleman present to put himself with the hammer side struck the in the Union Building, and was at- in circuit and hold the papered side language of six millions of people tended by Mr. Gray, the inventor, of the bcx to his ear. The gentle-Gen. Stager, Prof. Swing, the Rev. man did so, and announced the beyond recognition.

Messrs. Hurd and Mitchell, Messrs.

Iname of the tune at once. Several stroke the floor of the American stroke the floor of the floor o Smith, Stephen F. Gale, Obadiah | their ears with equally satisfactory | lary, and messengers, door-keepers Jackson and others. It is perhaps, results, and what was more remore proper to say that the exhibi- markable was that while the song to foot with the spray. In the feartion was of the powers of the tele- was pealing forth from the violin, phone, rather than of the instru- the sounding-box was playing the ment itself, which was performing same tune not a whit less loudly its part of the work at the office of than before. Such are the different the Western Electric Manufactur- exhibitions made by the inventor adjectives and widowed nouns, ing Company; but as the results of of his newly-discovered feature in the grand transmitting process are electric science, and, before leaving, made audible at the office of Gen. | the gentlemen present all expressed Stager, of course this was the best | their admiration and wonder at the place to gather an idea of what the results produced, and a conviction new feature in telegraphy really was. that, practically applied, the in-It must be understood, then, that | vention would become of great comon Kenzie street, just east of State, mercial importance. It was reserva gentleman, in obedience to in- ed, however, for the Tribune reporter, structions from the Union Building | who was present at the exhibition, office, spent an hour or two about to look deeper into the new idea noon in playing upon the telephone than had been permitted those who a number of popular airs, such as had enjoyed what is perhaps the "Yankee Doodle," "Robin Adair," most amusing, but certainly is by "Auld Lang Syne," "Coming thro' no means the really important, the Rye," etc., and to enjoy his point of the invention. As soon as musical performance, the gentlemen | the inventor and he were left alone were invited to General Stager's they repaired together to the Westroom in the Union Building. As ern Electric Manufacturing Com-

room. There were two in number, gave this morning was a wonderful one, a sounding-box, made in wood, affair, but then the transmission of perforated on one side, about six- even operas and oratorios through teen inches in length and four absolutely enormous distances caninches in height and breadth, with not ever prove of much advantage an electric magnet placed upon its to the human race. Now, what is upper surface-the other an ordina- the practical application of your in-

of the invention lies in the fact The first exhibition made was that, with my instrument, I can with the sounding-board. The transmit all the common chords of away, will be sold at public auction on Friwire leading into the room from a seven-octave piano along a single the electric works on Kenzie street wire at the same time, and in the was connected with the electro- further fact that these harmonic l

In 1850 this number had declined whatever of the beautiful, or won- opposite direction at the same

his Feet.

Pranced there in upon the arena mule in a circus, or a spavined nightmare upon the track of a eyebrows and hair, piled on each ing of arms, a pose and a stridulous war-whoop; and much as though a American senate by its large capahis mother tongue. He smote it and pages were covered from head ful two hours which followed the first roar of his oration, all the parts of speech were routed and put to flight. There were orphaned bachelor verbs driven to polygamy, and polygamous verbs left lonely, lowest prices. conjunctions dissevered, preposiand disto ted, and syntax flung into wild disorder. It was a great day for Logan.-N. Y. Tribune.

DIED.

At Hyde Park, Cache Co., January 12th, of old age, MARY SEAMONS, aged 73 lence in any musical instrument, viz.: Suyears, 10 months and 7 days.

Deceased, in connection with her husband, Henry Seamons, embraced the gospel in Allsaints, Suffolk, England, in 1852; emigrated to the United States in the Spring of 1856; lived in the State of New Jersey for about three years; in the Spring of 1859 moved with her family to Omaha, Neb., at which place her husband died; emigrated to these valleys in 1860, and settled in the town of Hyde Park, where she remained till the day of her death. She lived and died a faithful Latter-day Saint, and leaves behind her a posterity of eight children, sixty-one grand-children, three great grand.children, and a large circle of friends and acquaintances.

Millennial Star, please copy.

At Oxford, Oneida Co., I. T., of disease of the throat, January 13th, GEORGE EPH-RAIM, son of George and Louisa Ann Lake.

ESTRAY NOTICE.

HAVE in my possessionstretched across it on a bridge, in Mr. Gray-The practical feature L A small bay MARE, about eight years old, white star in forehead, white spot on nose, hind feet and legs white, some saddle marks; which, if not claimed and taken Pound in this city.

JOSEPH HORNE. District Poundkeeper. Salt Lake City, July 26th, 1875.

children under fifteen years of age, and the number of Americam wo men between the child-bearing ages of fifteen and fifty, is steadily playing. In a few seconds the playing. In a few seconds the note, and rejects all others. Thus

WANT

863, or eighty-nine less children to every 1,000 women than in 1830. Were fully capable of appreciating than twenty two messages in an 400,000 LBS. OF WOOL.

Highest Market Price will be paid in one half each CASH and CLOTH. didne isne

the physical degeneracy in question, Dr. Clarke says, "If these causes should continue for the next explained to them that the sound discords as well as harmonies, of

PLAIN FLANNELS, DRESS FLANNELS,

to be mothers in our republic must a certain number of vibrations, be drawn from transatlantic homes. which, according to the number sages at once is a good number. Linseys, Shawls, Blankets and Yarns,

per second achieved by the key in Mr. Gray-Of course the longer Wool Growers and the Public generally are requested to exthe telephone was reproduced in the wire, the larger the battery re- amine our Goods and give them a trial. Orders by mail promptly filled.

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JAMES DUNN, Supt.

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100 Cases Men's, Women's and Children's Arctic Overshoes.

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25 Cases Men's Gum Boots---knee and hip.

10 Cases Men's Buffalo-lined Boots and Bals.

ALSO A LARGE LINE OF

tric science, he did so with a confidence he may not have possessed the room. He then took an ordi-

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THIS Company buy their instruments directly from the manufacturers for cash, and are thereby enabled to sell at the

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day, Feb. 5th, 1875, at 2 p.m., at the Estray None but Clean Cotton Rags Taken. People from the City will please bring them on Wednesday and Thursday.

DAVID O. CALDER.