

Break-Neck Gymnastics.

SHORT EXERCISES BY MACHINERY.

The means by which the acrobat Lulu, at Niblo's Garden, is shot into the air, has been the subject of much speculation. The prevailing impression is that the power which sends her aloft is so startling a way is compressed air. An inspection of the apparatus shows, however, that the principle on which it is constructed is similar to that of the school-boy's "jack" or "jack" under the stage is a wrought iron frame-work, like a gigantic office stool. The four legs are eight feet high and two inches square. Three sets of iron cross-bars run from limb to limb—one at the top, one at the middle, and one near the base. At the top and middle, also, cross-bars run from each corner to a point in the center, where they support a small cylinder. Through these two cylinders—the one at the top, the other at the middle of the frame-work—is a piston, about seven feet long and two inches diameter. The upper end of this piston is covered with rubber and is attached to the bottom of the small trap in the stage on which Lulu stands when about to be sent aloft. About half way down the piston it has around it a barrel-shaped expansion, about one foot in diameter, and a foot long, which is fastened to it and makes it lighter. Round the top and bottom of this barrel, as it may be termed, are iron hooks, similar to those attached to the lower side of the cross-bars at the top and to the upper part of the cross-bar at the bottom. Five strong rubber straps, side by side, each an inch wide, and left into an iron socket, with a thimble at each end, next come into use. Of these quintuple rubber straps, which are about eight inches long, three are attached to the thimble at one end and are just slipped over the hooks attached to the lower side of the barrel. The other two are attached to the top of the barrel, and are just slipped over the hooks attached to the top of the barrel. When the piston is lowered, the rubber straps are pulled down, and the piston is lifted by leverage, and the remaining thimble of each strap is slipped over the hook which corresponds to it on the top of the barrel. When the piston is raised, the rubber straps are pulled down, and the piston is lifted by leverage, and the remaining thimble of each strap is slipped over the hook which corresponds to it on the top of the barrel. When the piston is lowered, the rubber straps are pulled down, and the piston is lifted by leverage, and the remaining thimble of each strap is slipped over the hook which corresponds to it on the top of the barrel.

Organ Contest!

An Account of the Contest of Organs from Mr. C. Sansome, Secretary for the Committee.

FIREMAN'S HALL, Salt Lake City, June 2nd, 1872.

Messes, Judges & Scribes.

I am authorized by the committee chosen by the Fire Brigade to give the following report of the contest of organs, to inform you that in the recent test or trial on the following points of excellence, namely:

1st—Great Volume of Tone.

2nd—Sweet and distinct Tone.

3rd—Variety of Effects.

4th—Durability of Workmanship and its adaptability to the service of the church.

That after a fair and impartial trial, conducted on the most approved plan, it was decided that the

Prince Organ carried off all the honors.

And on a final vote being taken of the whole of the organists present, the Prince Organ was declared the victor.

The committee consisted of thirteen members, including a chairman and secretary.

The whole of them, musicians of more or less pretensions.

The performer on the Prince Organ, chosen on account of his being free from prejudice in relation to either of the instruments.

Signed on behalf of the committee, JAMES R. HIGG, Chairman.

CHAS. SANBORN, Secretary.

The Organ tested were:

PRINCE STYLE, 14, price \$170.00

MASON & HAMLEN, 21, " 182.50

ESTLEY STYLE, 17, " 185.00

Showing that the PRINCE ORGAN is not only the best, but is much lower in price.

N.B.—All kinds of musical instruments repaired.

J. DAYNES & SON,

Two Doors East of God's Drug Store, Show Rooms, Upstairs. d187

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Utah Southern

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Will run Daily, Sundays Excepted, leaving the

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Arrive at Salt Lake at 7.55 a.m. and 8.45 p.m.

Leave Salt Lake at 11.00 a.m. and 6.00 p.m.

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