GERMANIA CHIMNEY.

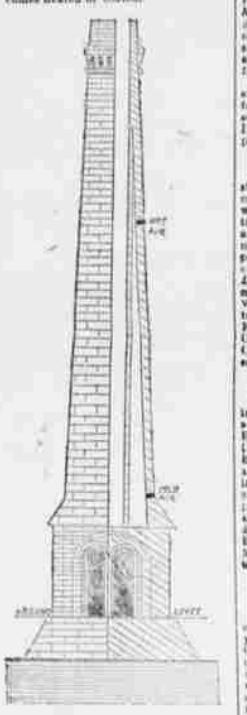
The Greatest Smokestack in the State of Utah

NOW IN COURSE OF CONSTRUCTION

At the Germania Smelters in Salt Lake County—Plans of the Great "Lam."

The new smokestack at the Germania works, eight miles south of this city, is a great affair in the building of chimneys in Utah. It will be by far the biggest stack yet built in the state, and in some important respects is of entirely new design as compared with others erected here. The Germania has had one big chimney in operation, 110 feet high; the copper plant in this city had another, 122 feet high. But the new Germania stack for surpassing either, and from base to summit will be 175 feet. It is being built of all hard brick, laid in cement, and will take 32 men 45 to 60 days to complete the season work.

Hon. Elias Morris of this city has the contract for its construction, and each morning a force of his men leave the city for Germania to engage in their daily task on the great brick tower, which will cost not less than $20,000 and will take half a million brick in its construction. Heretofore in most of the big stacks here have been of solid walls. There is one of this style in the southwestern part of town. It is near 90 feet high, and while it may not be said to be unsafe, its crooked condition is warning that it will not endure for many years. So it is with the other "solid wall" chimneys; hence the reason for making the new stack walls hollow. They are built after a design to secure strength and at the same time to provide for the expansion and contraction of the air, as it becomes heated or cooled.



PLAN OF THE WALLS.

The plan of the walls shown in the accompanying illustration is as ingenious as it is substantial. At the 20 feet square starting point, looking up the stack the walls 10 feet 2 inches in length, the same general plan is followed, with modifications necessary for the reducing stairs. The stairs are of interior walls and are seven inches long from nose to nose, giving the openings between. The openings there, in the exterior wall—twelve in all, two into each corner space and one into each side space—are to admit cold air, and there are similar openings up on the chimney as indicated to the other illustrations, where the hot air escapes. These openings and the hollow walls are the new feature of construction in chimneys here. The heated or chilled air in the stack has proved the cause of so many fractures which have shaken and cracked the piles of masonry. It is believed that the present plan will do away entirely with this trouble, and that the hot air escapes above and the cooling draughts from below will so equalize the temperature as to materially aid in preserving the chimney from injury, and that the expansion will be regulated thereby within safe limits.

The illustration of the chimney shows (vertical) as it is outlined, and throws upon the other half the direction of the interior. There the lines of the hollow walls is more clear. The apertures between the outside and inside walls continue 140 feet from the foundation, then for the last twenty-five feet the walls are solid, as shown in the cut.

When this stack is completed, as it is expected to be near the latter part of July, the Germania works will be better fitted in the respect than any smelter west to the West. The work of construction is being carried on with the greatest care, special attention being paid to that so faults or flaws shall enter therein. When the hard brick and cement have become firmly united the whole pile will be almost as hard as iron, and to even better than that metal for withstanding the ravages of time and the elements.

Albert Sherwood, sick aboard the ship Saint Mungo, 193 e at Long Bridge, Va., became intoxicated on Sunday night and Monday morning during the early hours started for the bridge in company with a friend to go aboard. Sherwood fell from the bridge and was drowned. The body was recovered and taken to the morgue.

WHERE FORMERLY INSURANCE WAS 25c.

H. M. Rossom, senior member of H. M. Rossom & Co., 217 N. 3d St., St. Louis, writes: I had been left with a very distressing cough, the result of influenza, which nothing seemed to relieve, until I took *Ballard's Horehound Syrup*. One bottle completely cured me. I sent one bottle to my sister, who had a severe cough, and she experienced immediate relief. I always recommend this syrup to my friends.

John Cranston, 906 Hampshire street, Quincy, Ills., writes: I have found *Ballard's Horehound Syrup* superior to any other cough medicine I have ever known. It never disappoints. Price 25c.

Ballard's Snow Liniment.

This liniment is different to compositions from any other liniment on the market. It is a scientific discovery which results in it being the most penetrating liniment ever known. There are numerous white imitations, which may be recommended because they pay the seller a greater profit. Beware of them and demand *Ballard's Snow Liniment*. It positively cures Rheumatism, Neuralgia, Sprains, Bruises, Wounds, Cuts, Scalds and Inflammatory Rheumatism, Burns, Scalds, Sore Feet, Contracted Muscles, Stiff Joints, Old Sores, Pain in Back, Barb Wire Cuts, Sore Chest or Throat, and is especially beneficial in Pleurisy.

A Sound Liver Makes a Well Man.

Are you Bilious, Constipated or troubled with Jaundice, Sick Headache, Bad Taste in Mouth, Foul Breath, Coated Tongue, Dyspepsia, Indigestion, Hot Dry Skin, Pain in Back and between the Shoulders, Chills and Fever, etc. If you have any of these symptoms, your Liver is out of order, and your blood is slowly being poisoned, because your Liver does not act properly. HERBINE will cure any disorder of the Liver, Stomach or Bowels. It has no equal as a Liver Medicine. Price 75 cents. Free trial bottles at Z. C. M. I. drug stores.

THE SHAKER MEDICINE

Company Closed a Series of entertainments Monday night, and yesterday took their departure for Park City, where they will remain until time to return for the Carnival. A leave gone over the Shaker camp, who was compelled to remain and settle up affairs. He will be at the Walker house during the hours from 9 to 11 a. m., and 7 to 8 p. m. today, after which he will join the others at Park City. He requests that those holding cards call on him today, as it will be his last in the office, and requests us to say that when he and the company return to witness the Carnival, it will be for pleasure and rest, and that he will not do any business until after July 5th.

COALTER & SNELGROVE CO.,

The Salt Lake Music Dealers,

Cheapest place in Utah to buy Musical Instruments of all kinds. Pianos and Organs sold on easy Payments.

FISCHER, ESTEY, STERLING, CAMP & CO. PIANOS.

ESTEY and STERLING ORGANS $7.00 Per Month.

NOTE.

Call and get price before purchasing elsewhere. Special discount during Conference.

Call and see us, it will pay you.

COALTER & SNELGROVE CO.,

74 Main street, Salt Lake City.

NOTICE.

ZION'S BENEFIT BUILDING SOCIETY. The above society of the above name is now in operation and ready for business. Any one desiring to become a member can call at the office of the undersigned and receive all information desired. The promoters of the society expect to be the leading society of the city, and will be pleased to receive a share of your patronage. Office in the Herald building.

EDGAR HIGGS, Secretary.

SALT LAKE CITY, June 22, 1896.

Beecham's pills are for bilious ness, bilious headache, dyspepsia, heartburn, torpid liver, dizziness, sick headache, bad taste in the mouth, coated tongue, loss of appetite, sallow skin, etc., when caused by constipation; and constipation is the most frequent cause of all of them.

Go by the book. Pills 10c and 25c a box. Book *free* at your druggist's or write B. F. Allen Co., 365 Canal Street, New York.

Week and Tired.

TRENTON, Utah, June 1, 1896.—My father has been taking Hood's Sarsaparilla and it has done him a great deal of good. He was very weak and tired and could not walk, but since it has Hood's Sarsaparilla he is feeling all right again. LULA SIMONS, Trenton, Utah.

Hood's Pills cure all liver ills.

A British man-of-war, Pinafore, Sailed Friday.

SPECIAL EXCURSION RATES

Via the Union Pacific for Midsummer Carnival.

The following special rates for sale of round trip tickets to Salt Lake City for the Midsummer Carnival, July 2nd, 3rd and 4th, will be in effect over the Union Pacific:

From Utah Points.

From	Rate	From	Rate
Bothwell	$2.50	Delta	$3.00
Corinne	2.50	Hinckley	3.00
Brigham Junction	2.50	Deseret	3.00
Logan	2.50	Leamington	3.00
Hyrum	2.50	Fillmore	3.00
Paradise	2.50	Kanosh	3.00
Cache Junction	2.50	Cove Fort	3.00
Collinston	2.50	Sevier	3.00
Deweyville	2.50	Glenwood	3.00
Garland	2.50	Richfield	3.00
Tremonton	2.50	Salina	3.00
Portage	2.50	Gunnison	3.00
Bear River City	2.50	Mayfield	3.00
Willard	2.50	Ephraim	3.00
Brigham	2.50	Manti	3.00
Corinne	2.50	Gunnison	3.00
Garrison	3.00	Leland	2.50
Lund	3.00	Nephi	2.50
Caliente	3.00	Levan	2.50
Modena	3.00	Juab	2.50
Milford	3.00	Mona	2.50
Frisco	3.00	Latimer	2.50
Comet	3.00	Leland	2.50
Kanarra	3.00	Lynndyl	3.00
Modena	3.00	Delta	3.00

SELLING DATES.

From Corinne, Ogden, Santaquin and all points intermediate, July 2nd, 3rd and 4th. From Salt Lake and points on Carbon Valley branch, points south of Santaquin and points on Utah & Northern branch, July 1st, 2nd and 3rd. From points on Salt Lake & Western, July 1st, 2nd, 3rd and 4th. All tickets good returning until July 5th.

Special trains returning for Nephi, Ogden and intermediate points will leave Salt Lake night of July 2nd, 3rd and 4th.

For State Militia in companies and for organized bands in uniform traveling on one ticket, rate of one cent per mile in each direction is authorized.

From Idaho and Oregon.

Franklin	$ 50	Kinsman	$ 50
Preston	50	Montpelier	50
Oxford	50	Nounan	50
Strawberry	50	Grace Ferry	1.00
Duchesne	50	Soda Springs	1.00
Lake Fork	50	Chesterfield	1.00
Heber Lake	50	Bancroft	1.00
Duane	50	Conda	1.00
Beaver Canyon	50	Grace	1.00
Midcroft	50	Oneida, Oregon	1.00
Indian Scheme	50	Payette, Idaho	1.50
Scandanavia	50	Weiser, Idaho	1.50
American Fork	50	Huntington, Or.	1.50
Alonkaka	50		

SELLING DATES.

From Pocatello and all stations on Utah & Northern, south thereof, July 2nd and 3rd. From all other stations, July 1st and 2nd. Good returning until July 5th.

From Wyoming.

Cokeville	$1.50	Diamondville	$1.50
Lacreek	1.50	Cora	1.50
Opal	1.50	Granger	1.50
Kemmerer	1.50	Lyman	1.50
Frontier	1.50	Carter	1.50
Hilliard	1.50	Mountain View	1.50
Cumnock	1.50	Lonetree	1.50
Ft. Bridger	1.50	Millburne	1.50
Ft. Bridger	1.50	Evanston	1.50

Tickets on sale July 1st and 2nd. Good returning until July 5th.

D. E. BURLEY,
General Agent Passenger Dept.

MID-SUMMER CARNIVAL RATES Via Rio Grande Western Railway.

For the Mid-Summer Carnival and First State Celebration at Salt Lake City, July 2nd, 3rd and 4th, the following low round trip rates are authorized to Salt Lake City and return via R. G. W. Railway:

FROM	RATE	FROM	RATE
Ogden	$1.00	Thistle	$ 1.75
Provo	1.00	Manassa	1.75
Springville	.75	Hill Top	2.00
Payson	.75	Milburn	2.00
Farmington	.50	Mt. Pleasant	2.50
Lake Shore	.50	Spring City	2.50
Centerville	.50	Ephraim	2.50
Woods Cross	.50	Manti	2.50
Murray	.50	Gunnison	2.50
Bingham Jct.	.50	Salina	3.00
Bingham	1.00	Aurora	3.00
Stockton	.50	Sigurd	3.00
Tooele	.50	Richfield	3.00
Ophir	.50	Glenwood	3.00
Lehi	.50	Marysvale	3.50
Fairfield	.50	Junction	3.50
Cedar Fort	.50	Panguitch	3.50
Eureka	1.00	Parowan	4.00
Silver City	1.00	Cedar City	4.00
Ironton	1.00	Kanarraville	4.00
Park City	1.00	Modena	4.00
Jeremie	1.00	Milford	4.00
Marion	1.00	Frisco	4.00
Coalville	1.00	Comet	4.00
Wanship	1.00	Kanarra	4.00
Park City	1.00	Lund	4.00
Jeremie	1.00	Caliente	4.00
Marion	1.00	Milford	4.00
Coalville	1.00	Frisco	4.00
Wanship	1.00	Comet	4.00
Park City	1.00	Kanarra	4.00
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