Narrative of the Inferno Full Through Which They Rushed.

MUSSER FAMILY

HEROISM OF THE

2

BRAVE WIFE, COOL HUSBAND.

Story of Their Rude Awakening And Fight Against the Dangers Of Quake and Fire.

The Awful March to the Ferry and the Care Bestowed Upon the Injured And Helpless.

Special Correspondence.

San Francisco, April 23 .- Throughout the awful week in San Francisco, with all its attendant horrors, the one bright ray has been the courage and almost superhuman endurance of the women. For the women, men did noble deeds, but it was the fortitude of their mothers, wives and sisters that spurred them on to do acts that will never be recorded for the simple reason that out of thousands of instances of bravery in the horror of the situation but few were noticed.

Side by side with the sternness of the firm hand of martial law stands out the self-sacrifice of the women of every nationality. In this respect Utah can hold her own with any.

MORE OF MRS. MUSSER.

Last Wednesday morning Parley Musser, wife and little one, were at 915 Minna street, San Francisco. Today they are speeding back to their home city, Salt Lake, as fast as steam can take them. The full story of that already told in a meager dispatch to the "News," as related by Mr. Musser, is one that should stir the heart of every resident of the Beehlve state and make him feel proud that he is a Utaha and make him feel proud that he is a Utahn and can call Mrs. Musser sister

CAME FROM SALT LAKE.

The Musser family came to San Francisco a couple of years ago. Mr. Musser, who is a son of Hon. A. Milton Musser of Salt Lake, had an ambition Musser of Sait Lake, had an ambition to study medicine and surgery with the object in view of establishing a prac-tise in Sait Lake ultimately. He moved to San Francisco and there rented a large apartment house, that was made the headquarters for a number of Utah people who visited the Golden Gate. While he studied medicine at the col-lege here and rose to the head of his class. Mrs. Musser stayed home. Things class, Mrs. Musser stayed home. Things prospered with the family until last Wednesday.

AWAKENED BY SHOCK.

At 5:15 on that fateful morning they

the fire was so hot as to be almost un-** ********************* bearable. The last dirt being kicked and scooped over, he ran to his wife, M. L. Effinger . Wells, Fargo & Co.'s employes John W. Smith who had been tugging at the trunk and who had been tugging at the trank and taking baby and the canaries along, and then the real race began. They went until they reached safety after a dreary march of two miles. Here were gathered 5,000 people, and no sooner had camp been pitched than there was a call for men to vol-unteer to acait in dynardifue the Fisher Brewing company ... L. L. Downing Olson & Lytle Cash ************************************ Nelder Drug company ash POTTONES PRESERVES uniter to assist in dynamiding the buildings to stop the progress of the fire. Mr. Musser was one of the firs to go to the front and for 30 hours his wife did not see him and knew neither S Beckhurt . Cash F. R. Woolley F. R. Woolley W. H. Farnsworth whether he was dead or allve. By this time martial law had been declared and the blue coats had taken a hand. One of the first orders was that none should walk on the high Grand Total\$51,394.85 bank of rock which overlooked the blasting quarry where the refugees were gathered. Two men at intervals attempted to climb this bank in order to view the fire and in both instances

throughout the city and state who will act for the stricken community.

desire to subscribe to the San Fran-

the sentries opened fire on them. Mrs. Musser saw one of men fall like a shot

rabbit and topple over into the camp

There were other incidents of which she does not care to talk, which oc-

curred. She, like everyone else who passed through that inferno, has a

er child an orphan. Mr. Musser, during this time, how

ever, was very much allve. Although dead tired with his frenzled efforts at

fire fighting he had volunteered to help dress the wounds and burns that scarred the bodies of the helpless peo-

ple being brought into the emergency

when he returned to his wife he

found the situation serious. His ex-perienced eye told him that to remain

would mean that some pestilence would probably break out ere long in camp

and the first stage would be worse than the last. Then it was they decided to make for Oakland, which heretofore they had been led to believe had been

submerged by a tidal wave. The preclous books were dug up, and the next thing to do was to get the trunk, books and canaries to the Ferry building, miles away below that blur

WEAKENED BY PRIVATION.

Weakened by privation and hard wark, the man, wife and child made their way down hill. They passed wag-on after wagon, but the drivers only laughed when they asked him for help. At last one was encountered who was going in that direction. For the sum of the loaded up the books truck and

\$4 he loaded up the books, trunk and canaries, and on Saturday they landed

With \$2, their effects and their lives they landed in Oakland, looking as though they had been through the Val-ley of the Styx.

ley of the Styx. In teiling the story Mrs. Musser said that they could have had more ready cash, as she had secured a hatchet prior to leaving their home, and was about to break open the toil box on the pub-lic telephone in the hallway when her hand was arrested. "I could not do it." she said, "for it was not our money, it belonged to the telephone company." But they are safe and sound, and haby will someday tell how mother and father came through the great the of

father came through the great fire of April 18, 1906. GEO. E. CARPENTER.

of red-fringed smoke.

at the ferry

cisco relief fund, the Deserct News an-

WILL CLAWSON WRITES.

Well Known Salt Laker Tells of Escape of Himself and Family.

To the many generous people idly as received to those authorized to | for canvassers or soliciting commit

the

The noble example set by

Will Clawson, the well known Salt Lake artist, says in a letter received today, by his brother, Hon. Spencer passed through that inferno, has a story—a raw, incomplete narrative of terror, blurred by the onmipresent thought that she was a widow and

San Francisco, Sunday, April 22. Dear Spencer: Our lives are spared. Thank God. Every thing we had is We staved with our flat until urned. would have been dangerous to re-in longer. The two steamer rugs It would have been dangerous to re-main longer. The two steamer rugs you gave us with two grips filled most-by with bread and canned food were all that we could carry; we walked to the Presidio links where we spent the night on the hillside with one un-der us and one over. It happened to be a rather mild night for which we are also thankful. are also thankful.

We are now with friends who are as poor as we are but we have enough to eat and are much more comfortable than we were on the Presidio links. The earthquake was something terri-ble. In fact it is impossible to describe and as the fire spread the sight was awe-inspiring. One could not appreciate its grandeur-it was too awful. We are as yet dazed, and don't know what our next move will be—probably to try and get to Los Angeles. With it all we are thankful that it is no worse for us which could easily been the case. The suffering

among those who are homeless is dreadful, yet a good cheerful spirit prevails. Much of the details that you will get through the papers will be more authentic than anything that I can write as we get so many con-tradictory reports. Of course I will have to seek another field for my work. as it will be many a day before San Francisco recovers enough to think about my line of art. The beautiful portrait of Mrs. James Follis and her with the rest. Will write your again very soon. Love to all. Your brother, J. W. CLAWSON.

() THIS EVENING'S CONCERT.

There Will be Over 600 Participants in The Program.

Tickets for this eventug's concert in the Tabernacie are selling well, and the expectations are that there will be a full house to greet the performers on the pro

no matter how small, they will be thankfully received by the "News" and Church authorities, the City of Salt nounces that it will receive all sub- Lake, the fraternal orders and leading sent where they are urgently needed. Address: scriptions, publish the names of do- citizens should be immediately folnors and turn the money over as rap- lowed by the whole people. Don't wait DESERET NEWS RELIEF FOND. CITIZENS' COMMITTEE OF SAN FRANCISCO. San Francisco, April 25.-On las. Wednesday, immediately after the dis-aster, Mayor Schitz appointed a con-mittee of representative citizens to assist him in the administration of the city's affairs. This committee meets

DESERET LVENING NEWS: WEDNESDAY, APRIL 25, 1906.

tees. Send in your offerings NOW and

Mayor Eugene E. Schmitz, chairman, Rufus P. Jennings, secretary: Frank B. Anderson, Hugo K. Asher, W. J. Bartnett, Maurice Block, Aibert E. Castle, Paul Cowles, H. T. Creswell, Henry J. Crocker, R. A. Crowthers, P. C. Currier, Jeremian Deneen, E. J. De-pue, M. H. De Young, George L. Dill-man, A. B. C. Dohrmann, Charles S. Fee, John W. Ferris, Thomas Garrett, Mark L. Gerstie, Weilington Gregg, Jr. R. B. Hale, William Greer Harrison, J. Downey Harvey, I. W. Heilman, Jr., William F. Herrin, Howard Holmes, J. R. Howell, Judge John Hunt, Homer S. King, George A. Knight, Franklin K. Lane, Herbert E. Law, W. H. Leahy, C. H. Maddox, Frank Maestrett, Thos. Magee, William Magee, John S. Ma-Mayor Eugene E. Schmitz, chairman

C. H. Maddox, Frank Maestrett, Thos. Magee, William Magee, John S. Ma-honey, John Martin, William M. Met-son, Archbishop Montgomery, Irving F. Moulton, Thornwall Mullally, S. G. Murphy, Garret McEnerney, John Mc-Naught, S. B. McNear, Bishop Nichols, Father O'Ryan, James D. Phelan, Al-bert Pissis, Willis Polk, Allan Pollok, E. P. Pond, H. B. Ransdell, James Reid, David Rich, Dent H. Robert, J. B. Rodgers, John W. Rogers, Andrea Sbar-boro, Henry T. Scott, W. P. Scott, Frank Shea, Claus Spreckels, Rudolph Spreckels, I. Steinhart, W. W. Thurs-ton, J. Clem Tobin, George Tourney, Fred Ward, Charles S. Wheeler, Thom-as P. Woodward.

BECAME INSANE.

Mrs. A. C. Pritchard, on Her Way to San Francisco.

Pittsburg, April 25.—Mrs. A. C. Pritchard, wife of a San Francisco manufacturer, and who with her hus-band was on her way home to San Francisco, became suddenly insane a the union station here last night when she alighted to get some fresh air. The she alighted to get some fresh air. The Pritchards are hurrying to San Fran-risco with the expectation of finding their children dead in the ruins of their home. The children were left with a governess and a sister of Mrs. Pritch-ard, when the Pritchards went to Eu-rope last December. Landing in New York today, the Pritchards learned that their home had been destroyed before any of the occupants had any opporany of the occupants had any oppor-tunity to get out. Mr. Pritchard said tonight his information was that the governess was dying in a hospital and from what he has heard he has no hope

of seeing his children alive. At the station here Mrs. Pritchard shrieked and moaned until she was put into the car, where a physician passenger volunteered to care for the case.

FIREMAN'S FUND WILL PAY LOSSES IN FULL

THE NEWS WILL RECEIVE DONATIONS. REFUGEES WALK derful to think of the resistance of mod-ern steel and concrete structures. In looking over the history of earthquakes I feel willing to say that this is like all others of its class—the deep-scated cir-cular wave class—and that its fury has died away, and that there will be no more shocks. Were I one of the home-less ones I would seek the first cover of a roof, whether on a hut or a lofty building." OAKLAND STREETS building." GEO E. CARPENTER. One Hundred and Fifty Thousand **Homeless Wonder Aimless-**TODAY'S MONEY MARKET. ly About. New York, April 25,--Money on call steady, 314 00414 per cent: rul-UTAH WOMAN'S HOME GONE. ing rate, 4; closing bid, 3; offered at 3%. Time loans firm, 60 ana 90 days, 5½@6 per cent; six mons, 6. Close: Prime mercan-Half-Humorous, Half Serious Remindtile paper, 50%; sterling exer, "Tomorrow May Never Come, change firmer, at 484.40@484.45 for So Get Busy at Once." demand, and at 481.10@481.15 for 60 day bills. Posted rates 4831/2 and 4851/2794.861/2; commercial Special Correspondence. bills, 480% @48076. Oakland, April 23 .- In the great fire Bar silver, 65%; Mexican dolcalamity of San Francisco the earthlars, 5014. quake has been overlooked. Here in Government bonds steady; rall-Oakland 150,000 refugees during the last road bonds irregular. four days have walked the streets hardly noticing the effects of the shock. So used have they become to the sight of, lottering walls that they hardly of, tottering waits that they hardly give a glonce at the tracked cornices, the warning sign "danger" hung on the ropes that stretch in front or cracked buildings and the fact that there is hardly a chimney great or small standing in Oakley or Herkeley on this side of the bay. Even the grim sign that can be seen tacked on at-office wall laid bare on Eighth strees only arouses a cynical smile. only arouses a cynical smile. "Tomorrow May Never Come, So Ge. Busy," it runs. The sign, which is at old one, under other conditions would provoke resentment. But the populacu is too stunned even to turn on the "I-

izontally against the walls. It is won-derful to think of the resistance of mod-

ofs Central Louisville & Nashville Manhattan L. Mexican Central FORMER SALT LAKE WOMAN. Mexican Central Metropolitan St. Ry. Missour Pacific New York Central Pennsylvania Reading Rock Island Rock Island pfd St. Paul FORMER SALT LAKE WOMAN. At 547 Telegraph avenue, Berkeley, resides Mrs. Louise Barton, who way well known in Salt Lake some five years ago, having resided in Utah al-her life up to that time. The house is situated on the corner of Jones street and is opposite a beautiful new rock Baptist church. The word beautiful is used with a reservation for the massiv-steeple lies a wreck at its base, while the building is cracked and thoroughly knocked out of commission. All of the steeple did not come down, but to make the job complete a man, for the t. Paul Southern Pacific Southern Rallway Union Pacific Union Pacific pfd

Pressed Steel Car Puliman Palace Car tandard Off Sugar Tennessee Coal & Iron

DIED.

Sweet's

Toasted

Marshmallows.

A new toothsome confec-

tion. A great big package

for ten cents at any dealer in

good candy. Toasted daily

TIS MARKE

at our mammoth factory.







At 5:15 on that fateful morning they were awakened by the earthquake shock, and the next instant the sleep-ing flats were the scene of the wildest confusion and panic. While men and women were racing through the build-ing in their night clothes in order to reach the street, the Musser family dressed, or at least donned such at-tire as would make them presentable. Then and only then did they think of leaving that four-story building, con-taining 200 rooms. "Take the baby," said Mrs. Musser to her husband, "and wait for me outside I am coming," An-other shock hastened the steps of the family to the exit. Mr. Musser ran into the middle of the street with the child, and then turned to find himself alone, as far as his wife was conalone, as far as his wife was concerned.

DETECTED THE GAS.

Since the first shock rocked the build-ing Mrs. Musser had been thinking that should another occur the gas pipes would be strained and broken, in fact already she detected the smell of gas escaping. Acting on the impulse she retraced her steps and calmly searched for a monkey wrench. Then without a light she descended to the dark base-ment and cooly turned off the gas at no less than 30 meters connecting with the 20 different suffers of search and the search a 30 different suites of rooms in the building. While thus engaged three occurred which threatened to bring the swaying building upon her brave little head. In the meantime Mr. Musser was standing in the middle of the street waiting for what seemed the inevitable and frantically calling for his wife

At last she appeared and they joined the throng of excited semi-nude peo-ple trembling on the street.

But everybody on that street did not tarry to shut off the gas at the meter. The sequel was that in a brief space of The sequel was that in a orier space of time smoke was observed to be issu-ing from several flats in the vicinity. In the distance down town could be heard the clang of the fire gongs as the various departments raced in re-sponse to a general alarm sent in from the business district.

"COME QUICK." SHE SAID.

"Come quick," exclaimed Mrs. Musrushed back to the apartments and while the flames came nearer they pick-ed out the most valuable of their ef-fects. Mr. Musser had been saving for years to collect a valuable medical li-brary, and he was loth to leave it to the flames. He selected the best books while his wife picked out the most use-ful articles of apparel, discarding anything that was not valuable, and never for a moment overlooking the fact that haby sat crowing on the floor and ald need some things more than possibly they would.

SONGSTERS ALSO SAVED.

Much precious time was spent and the net result was a trunk packed to the limit and weighing 150 pounds, and a bundle of books wrapped in blankets which was nearly as heavy. As they were leaving the suite the two pet ca-naries twittered. "Oh. I cannot let my birds perish," she exclaimed, so ac-cordingly the songsters were added to the precious salvage.

AN HOUR OF EXCITEMENT.

'Outside the street was practically "Outside the street was practically described, for the panic-stricken people had fied before the rapidly advancing flames to higher ground. Then followed an hour of heartbreaking work and ex-citement. The flames leaping along the rows of lumber apartment houses like a forest fire threatened to overtake the refugeres fir a shourt time a mild like a forest fire threatened to overtake the refugees in a short time. Amid the drifting smake Mr. Musser pulled that trunk along the streets until the castors were worn off and the bottom, began to break out. But for the books he could have made better progress without having to leave part of his burden and return for it at intervals. At last an open space was reached. Not At last an open space was reached. Not much of a space, but it was on soft ground, and a tin bucket lay in plain view. Slezing the bucket Mr. Musses dug with frenzy and threw up the sand and dirt a quart at a time. By the time he had dug a hole deep enough for the books and had covered them over

RELIEF FUND NOW EXCEEDS \$50,000 CASH.

was done at once. Neither does it in-clude the vast amounts sent forward

in supplies, food and clothing. The subscriptions noted below are ac-

DESERET NEWS LIST.

W. Hudson (Granger)

Otto Gassman (Weston, Idaho) ...

Jos. M. Green

Young People First Congrega-

tional church C. F. Kutnewsky

Mr. Kutnewsky

M. Marrlott W. Powers

Holman & Paine Lumber Co...

Employes Greenewald Furni-

ture company Citizens of Bingham to Mayor

Anderson

E. F. Snyder, financier No. 338.

Brotherhood of Railroad Trainmen lodge, Salt Lake

Wyche

Up to noon today the Deseret News Relief Fund had received the following cash donations, all tenders of food, sup-

tually cash:

Cash

News employe ...

Total

tists

gram, particularly as the receipts are to be put to such a good use. Manager Geo. D. Pyper, of the Salt Lake Theater, has charge of the business end of the concert, and he is just at present a very busy man. The program as announced in last evening's "News" will be faithfully car-ried out, and every citizen who buys a concert ticket may rest assured that he will receive the full value of his money. There will be over 60 participants in the program, choruses and all. The San Francisco relief fund now exceeds \$50,000 cash, not counting the \$10,000 originally expected from the city successful successful and successful and the succes pended by that company on a tele-graphic order from Massachusetts to buy medical supplies and forward which

\$322.00

10.00

100.00

 $25.00 \\ 25.00$

AMUSEMENTS.

Theater-At the Theater this afternoon and evening the performances of "Constance" by the Columbine Dramatic club, an auxiliary of the Butchers & Grocers' association, will make its bow to our public. There is considerable in-terest felt in the play and good business seems to be assured.

plies and clothing having been referred to the appropriate committees: Last night the return visit of "The John J. Toronto 5.00 Thos. H. Morrison 10.00 Message From Mars' was given, and the charming play went before a smuli sized audience.

 W. Hudson (Granger)
 22.00

 Thos. W. Jennings
 25.00

 Mrs. T. W. Jennings
 25.00

 Mrs. A. McLaughlin
 1.00

 Jno. M. B. Higbee (Denver)
 10.00

 H. Dinwoody Furn, Co.
 100.00

 A Citizen
 25.00

 Henry Wallace
 100.00
The sale is now going on at the Theater box office for the performance of "The Christian," to be given Friday and Saturday.

Grand-Tonight sees the last perormance of "A Deserted Bride" and it vill be followed by "The King of De ectives" tomorrow night.

Orpheum-Good business continues at this house. The usual matinee will be given Thursday and Saturday.

Yews employe 1.25 Previously reported\$1,148.95 Lyric-The Empire Comedy comoany continues its bill of burlesques and vaudeville acts. The bill will be changed Saturday afternoon. \$1,472.20

The savory flavor of Mount's Chow 339.30 Chow is particularly pleasing to the palate. Try it and see. 25.00

5.00 Dr. Loomis, dentist, over Walker's store ----

JENSEN NOT DEAD.

100.00 Utah Man and Wife Made Their Escape to Los Angeles. 100.00

50.00 H. S. Schoffeld, of 59 east Ninth 50.00 South street, has received word from J. W. Jensen, who was registered at 28.55 the Winchester hotel, San Francisco, and who was reported here to have been killed, that himself and wife land-25.00 ed safely from the fire escape before the building collapsed, and that they are now at Los Angeles, uninjured.



This great medicine cures those eruptions,

pimples and boils that appear at all seasons; cures scrofula sores, salt rheum or eczema; adapts itself equally well to, and also cures, dyspepsia and all stomach troubles; cures rheumatism and catarrh; cures nervous troubles, debility and that tired feeling.

SPECIAL-To meet the wishes of those who prefer Mrs. Helen L. Thompson of Lewiston, medicine in tablet form, we are now putting up Hood's Sarsaparilla in chocolate-coated tablets as well as in thoroughly putted her blood after an thoroughly putted her blood after an the usual liquid form. By reducing Hood's Sarsapa- attack of that blood poisoning dis-rilla to a solid extract, we have retained in the tablets ease, scarlet fover. Is gave her strength the curative properties of every medicinal ingredient, and renewed health. Thousands of Sold by druggists or sent by mail. others tell of similar cures, also cures

100 doses one doflar. C. I. Hood Co., Lowell, Mass. of scrofuls, salt rheum, ecrema, etc.

The Anderson Insurance agency today received the following dispatch from President Dutton of the Fire-Fund Insurance company, San Francis

"The Fireman's Fund will pay losses in full and continue in business with-out interruption."

RESULT OF EARTHQUAKE. Caused Death of Three Men Coming

Up Shaft in the Cage.

Sonta Rosa, April 25.—A peculiar accident caused by the earthquake re-suited in the death of three men at the Great Eastern, a Sonoma county quick-silver mine. As the cage was being hoisted from the mine a giant boulder dislodged by the shaking earth, fell down the shaft. The cage was 150 feet from the top, and the boulder smashed it into the side of the shaft, where it partially lodged. The three men in

partially lodged. The three men in the rage, John Hansen, C. Gorswi and John Miller, were instantly killed. Their bodies were hurled to the bottom of the 709-foot shaft, where they were subse-quently recovered.

MINT SHIPS FIRST COIN.

San Francisco, April 25 .- The branch San Francisco, April 25.-The branch mint yesterday shipped out the first coin to be sent from its vaults. The money was transferred to Oakland for the use of the Oakland bankers, and was protected by the troops. Further shipments of money from the vaults of the mint were interrupted by the dynamiting going on in the neighbor-hood.

Money was received at the mint during the day from a variety of sources or safekeeping. Supt. Leach said that as soon as the

blasting in the immediate district was over and he received a call from the bankers of San Francisco, funds would be at their disposal.

DESTITUTE PHYSICIANS.

Washington, April 25.-Dr. K. A. J. McKenzie of Portland, second vice president of the American Medical soclety, who is in charge of the conta-gious disease hospital established for the destitute of San Francisco by the the destitute of San Francisco by the medical department of the army, re-ports to the surgeon-general, through Col. Torney, that 500 San Francisco physicians are destitute, their diplo-mas destroyed, but that they are working bravely and resolutely for their fellowmen. An appeal will be made to physicians to assist them.

AMERICAN WON.

AMERICAN WON. Athens, April 3.-In the preliminary heats for the 10 metres race Archie Hahn, Milwaukee, (Wis), A. C.; W. D. Faton, Cambridgeport, (Mass.), A. A.; Fay R. Moulton, Kansas City A. A.; W. A. Schick, New York A. C., and Lawson Robertson. Irish-American A. C. (New York), and R. C. Leed, London, Eng., A. C.; A. H. Healey, Blackheath, England; Harry Abrahams, Cambridge University, England A. C., won their heats.

DANIELS WON.

Phaltrum, Greece, April 25.-C. M. Daniels, N. Y. A. C., holder of the world's championship 100-yard swimming record, won the final heat in the 100-metre swim-ming race here today. Time, 1 minute, 13 seconds. Haimar, Hungary, was second; Healey, Australia, was third, and Derby-shire, England, was fourth.

SUIT FOR \$40,130.

John H. Eddy and Wife Ask That Sum From Daly West.

Suit was filed in the district court today, by John H. Eddy and wife, against the Daly-West Minig company to recover damages in \$40,130 for in-juries received by premature explo-sion in the mine of defendant, March 11.

In Oakland only six people were killed but the damage done amounts to thousands of dollars. There is enough plate glass cracked and broken to afford raw material for the big eastern brewery bottle plants. Cornices are down all over town and

ONLY SIX KILLED.

FLAT IS WRECKED.

old-you-so" man.

ting busy.

front room.

way of screens.

score of business houses have been condemned.

According to Prof. Edgar L. Larkin "this upheaveal will take rank as one of the most intricate and complex upheavals on record. First impressions upheavais on record. First impressions were that it is a typical circular wave earthquake, not of the well known linear form. Here are facts gleaned in the Laurel Hill cemetery—rough determinations, made without instru-ments with which to measure ampli-tudes of displacement of pillars and columns.

columns IN THE CEMETERY.

"In an area dedicated to the San Francisco Volunteer firemen, an oval space perhaps 100 feet in diameter, a number of monuments of marble and granite are thrown to the ground. Four of the fallen ones point towards the north, three west, one south, one east, two northwest and two north-east. The heavy and massive shafts were toward the north and northwest, while those small and easily overthrown were in the other directions, To make a vertical obelisk fail toward the north the wave must come from the north, and to the west from the west, and so on; for the columns fall toward the waves that hit the bases under them. Now the small inclosure presents overthrows indicating all these motions. The earthquake was complex; that is, the first motion of the earth's surface was compounded of several at once, and the surface was actuated by one great impulse, followby others weaker and weaker, able only to throw over the weaker col-umns in varying directions. If one compound shock, made of several act-ing simultaneously (therefore appearing to be one) occurred that moved the heavy monuments, and then many lesser shocks came, distorting the lighter columns, then there are EARTHQUAKE STUDIED.

"During more than a century, earth-quakes have been studied with ever increasing accuracy, and in the latter days these researches have been aided by delicate instruments. And the net results of a hundred years is that when the first impulse is single, or, if com-pound the varying impulses appear to be merged into one severe shock, then this initial shock may be folloyed by one, two or thre others; they rapidly one, two or thre others: they rapidly weaken, wane and wear away into im-perceptible tremors. And that is what the earthquake here has done. It is typical. From these results of many years investigation in all parts of the world by able men, the writer has no hesitancy in advancing the opinion that the choice are other at an ord or near the shocks are either at an end or near the close. I have asked many here, and they say that there have been from 25 to 30 impulses.

TWISTED FROM BASE.

"In the cemetery many monuments are twisted around on their bases. Nearly all these have had their north sides skewed around so that they now face the northwest. At first it was thought that all were so; but two light columns have their north sides shifted to face the northeast. Indeed, the osciliations were complex. One stone gives the history of the earthquake in a most impressive manner. On the heavy base rests a huge square stone. On this stands a human figure in massive marble. But the figure and heavy base have actually been moved 10 inches tohave actually been moved 10 inches to-ward the northeast. To me this stone speaks of a mighty force. The weight, moved against great friction, required a formidable horizontal power acting from the southwest. But ye people of the stricken city, see what colossel force was hurled against your great buildings, your palaces, temples, churches, cathedrals and mansions! A force able to move a heavy mass, free to side, 10 inches was thrust hor-

