UNION. OREGON.

DISCOVERIES, inventions and compounds patented each year in the United States and never amounting to anything, cost \$3.000,000.

HELENA is to have the largest reduction works in the Northwest. The capacity of the new works will be 500 tons a day, and will cost \$500,000. Mr. Villard and Governor Houser are the instigators of the enterprise.

REPORTS say that there are over 100,000 persons out of employment in the city of New York, many of whom are menaced by starvation. The employment agencies are full of people looking for work, and a general depression in all trades seems prevalent.

INSURANCE companies lost \$1,500,-000 by fires in Montreal last year, which is twice or three times as much as they received for premiums. One company is already closing up business in the province, and it is not unlikely that one or two more will follow their example.

fold, from 60,000,000 to 290,000,000 \$4,000 and \$5,000. pounds. In 1860 the production was each inhabitant.

A NEW gun has recently been invented in Switzerland. It has four riffles to every foot, thereby insuring greater accuracy and precision of aim ing, as the gun is only intended to wound; which is more desirable in warfare.

out of her salt reservation of nearly \$700,000 since 1846, when toll was fields have yielded since they were opened in 1797 over 331,000,000 bush- numbers. els. There is a rock-salt layer fifty feet thick and covering 4,000 square which resulted in the shocking death miles. Last year the fields were operated at a loss of \$3,000.

THE Secretary of the Interior has in the West, it would take 26,474,688

THE wheat crop of the United States for 1887 was 450,000,000 bushels. The home requirements for food, seed and manufactures was 345,000,000. The exports from July 1st to December 1st were 65,300,000 bushels, of which the Pacific Coast supplied 9,950,000 bushels. The whole crop of Celifornia, Oregon and Washington in 1886 was 54,858,000 bushels. The figures for 1887 have not yet been completed.

THE California State Board of Trade has issued a circular concerning the and which reports would have the California, which will be sent East for distribution. The circular recites that wages are paid than for the same char one acre of land that is not swamp injuries received from the fall. acter of work east of the Rockies. The circular also states that the prosperity of the people is attested by the fact that while California has but one-fif- impressed upon me that there may be tieth of the population of the United errors in the report of the agents above were tied behind him, and that the States, the people have one-twentieth referred to, notwithstanding my hopes horse he is known to have ridden dur of the total savings deposited.

Forty years ago there were not north Now there are not less than 12,000,cities within this area, 75,000 miles of it is settled right. railroad and at least one third of the telegraph lines of the United States. The rapidity of this growth is in contrast with that of Australia, whose centenary is now in course of com- A short time since as two vaqueros memoration. Australia was settled in were hunting east of this place, about 1788 by a colony of 850 convicts. In five miles, they observed steam issu-1820 its European population was only ing from a crevice in the lava, which 30,000, mostly convicts or discharged it was so dark they could not see to convicts. In 1839 it ceased to be a walk. So, on the following day, after penal colony. It grew very slow until supplying themselves with candles, the discovery of gold in 1851. By the end of that year 250,000 Europeans joined the colony. By 1871 the popur roof seems to be of solid lava. The ber 28, has been solved by the melting lation was 1,300,000; in 1881 it was floor is yellow sand; and about one of the snow in a canyon nine miles 2,250,000, and in 1887 it was about mile from the entrance there is a large from Monroira, Cal., where the bodies 3,486,682. Sydney has 250,000 inhab-

OREGON NEWS.

Condensed Form.

Farmers in Tule lake vicinity have commenced plowing. Senator Mitchell has made applica-

delivery in East Portland. The third term of the State Normal School has opened at Monmouth with nearly 200 pupils.

The Stirling mining company have bought Saltmarsh Bros.' placer claim near Jacksonville. The price is reported to be \$10,000.

It is said that during the late cold weather the Umpqua river was frozen

The military telegraph line is working all right now along its whole length. New poles will put it in good condition next spring, says the Ashland Tidings.

Three passenger depots are to be erected on the line of the Portland & Willamette Valley Railway, one at South Portland, one at Fulton and the other at the White House.

It is stated on good authority that there are 71,000 acres of taxable property in Josephine county, and aside from this some 10,000 acres especially adapted to fruit, and which will come under the plow before a great while.

The furniture factory of George H. Albers, situated near the river bank, In the twenty-three years from 1859 at Sellwood, caught fire and burned suicided at Napa, Cal. He put a piston and the fire and burned to the ground. The origin of the fire to in his mouth and blew out his and mainmast bride and the deek There are quite a number of photoin this country increased nearly five could not be learned. Loss, between brains. The cause was temporary split. About 1:30 p. m. a heavy sea graphs showing different styles of cap

The postoffice department is prepa ing to establish two postoffices on a less than two pounds for each inhabi- new mail service between Lakeview mony at the inquest showed that he that time, but is satisfied some must reports of the engineer officers that it tant; in 1882 it was 5.4 pounds for and Burns, one at Warner valley with D. E. Jones as postmaster, and one at turn it into the treasury. Rockford, in Grant county, with J. R. Howe as postmaster.

The deer, during the cold spell, came around Scappoose bay in considerable singing. numbers and the cougars followed. than has ever before been attained. Orville Gorman, of that vicinity, went He shot a wild cat, a lynx and then a

A party of explorers on the Harney lakes discovered an island three miles NEW YORK has made a clear profit in length that is apparently the home simply alive with ducks and geese and placed at 1 cent per bushel, and the is a very paradise for sportsmen. Deer were also found on it in very large

An accident happened south of Mt. Tabor, and near the Gilbert place, of a little 6-year old girl of John Lindinberg. Some men were engaged in burning brush and old timber, and the little girl was crossing the patch of ground where they were at work. As sent to the Senate a statement in reshe went by, a high stump that was ward to the amount of land each of burning around the roots fell on her, was quickly picked up and carried 3,905,462 acres; Oregon, 3,387,520 tained that her injuries were of too California and Mexico. acres. If other States received an serious a nature for her to recover, and equal amount with the newer States after lingering in a comatose state during the day she died.

Pennoyer has indited the following letter to the Commissioner of the General Land Office at Washington, D. C. 'In a late letter to you I requested a speedy issuance of patents to the State of Oregon to lands declared to be swamp by the agents of the federal and state governments. I now feel constrained to ask you to delay the granting of such patents for a time. I am in receipt of petitions and affidavits of settlers in the Lakeview district which have a tendency to induce the belief that the agents have made errors in reporting lands as swamp lands which in reality are not such, claim. condition of the laboring classes in effect of depriving bona-fide settlers under the United States land laws of their titles to their homes. As I have before stated to the department, the work is assured all, and that higher State of Oregon does not want title to land, and the more especially so when such title would be in conflict with your department in the matter at been committed. present. If a land office is created in of the Arkansas river 250,000 American | Eastern Oregon, the parties interested citizens in all the vast area between in the land in question will be able to the Missouri and the Pacific Ocean. contest the same before the register and receiver without much expense, 000, or nearly one-fifth of our entire right, upon indubitable testimony, and and the matter can thus be settled population. There are forty large it ought not to be settled at all until

> A correspondent writing from Dry Lake, Modoc County, Cal., to an exchange, thus describes some of the wonders of that section of country: they penetrated the lower regions for

COAST CULLINGS.

Everything of General Interest in a Devoted Principally to Washington Territory and California.

Nineteen horses were frozen to death

in Pine Valley. Nev. Centralia, W. T., is to have a board tion for the establishment of free mail of immigration.

> Spokane Falls pays about \$400 per month for city printing.

> by seven votes. Michael Brady, aged 57 years, was struck by a train at Vallejo, Cal., and

crushed into an unrecognizable mass. over for the first time in its known almost instantly killed, at San Diego, somewhat foggy.

> V. B. Burke, a restaurant proprietor, restaurant at San Francisco, by J. G. of the Columbia river, supposing they for roads, ditches, canals, cuts and Crawford, a railroad engineer.

Mr. Toney states that his peach trees are killed, every one of them, and will have to be converted into fire wood, says a Walla Walla paper.

Jas. McEwan, an apprentice on the British ship Ayrshire, fell from a staging on the versel into the bay, at San Francisco, and was drowned.

Arthur Hall, a signal man on the S. P. R. R., was killed at the railroad taken. The vessel struck seven miles yard near the depot, at San Francisco. north of Gray's harbor, near Damon's

Charles Wehrley, aged 35, a tanner, insanity.

down off the hills on the low lands because he says he hears the angels strike him, upon which he tried to capture of salmon on the Columbia S. P. Risley fell from a derrick a

The bullet is encased in a steel cover out with his dogs to hunt a cougar. land's oil wells at Puente, Cal., striking the ocean. The old man watched him pleted improvements at the Cascades on his head. He died half an hour for some time in the water, and says that do not now interfere with navi-A German laborer named Holm,

> in tearing down an old house at San and breeding place of all the various Francisco, was killed by the falling the sanor thinks it he had had any these han wheels be removed.

> > fusal to quit, was fired upon with the above result. fell into a tub of hot water, at Santa which he seized and steered for the

J. S. Brackett, while in a somnamthe States has received from the United striking on the side of her head, crush- bulistic condition, fell from his bed-States for school purposes. California ing the skull and breaking her arm. room window at Petaluma, Cal., and men were in the water about half an has received 5,610,702 acres; Nevada, into the house, but it was soon ascer- old and leaves large landed estates in vas fatally injured. He was 70 years

two days later.

Francisco Schwartz, while walking alongside an empty lime kilu, near next April, but like the others his the insertion into the new land bill, Santa Cruz, Cal., slipped and fell a name is unknown. He also came being proposed by the house com-In accordance with a petition of 240 distance of twenty-five feet. His head ashore with two pieces of plank, and mittee on public lands, of the main residents of Harney Valley, Governor struck a rock breaking his skull and was the last to reach shore, having features of his land bill, which allows killing him instantly.

> While two men were digging at the Almaden mine, near San Jose, Cal., to place some timbers in position, they struck an old blast. One of the men, named Guiterag, was instantly killed, and the other so shockingly mangled that he will die.

A fatal shooting affray occurred near Spokane Falls, in which three hang on to his planks and not to be pensation has been made. men-W B. Mills, Andrew and Henry Clarke-were killed. The trouble was the result of an attempt of the Clarke brothers to jump Mills' land

Albert Scow, a stevedore, 33 years old, was accidentally struck by a sling distance from the shore, but it sand of shingles on the steamer City of Chester, at San Francisco, and thrown although the Indians and McIntire down into the hold, a distance of thirty and A. O. Damon rushed into the feet. He died in an hour from the

Julian Ledon, a native of California, the claims and interest of bona-fide 22 years of age, was found hanged at settlers. Having it therefore strongly his ranch at Pea ridge, Mariposa the captain, the former having been county, Cal. The fact that his hands of a speedy adjustment, I would ask ing the day had been turned loose, that no further action be taken by seemed to indicate that murder had

> A fearful collision occurred on the Central Pacific railroad at Gold Run, Cal. A west bound passenger train striking an east bound freight, demolished four locomotives, crushing a fireman named Walker to death, and the engineers Hoodley and O'Mears, were slightly injured. The mail, baggage and express cars and a number of freight cars were badly wrecked.

Thomas Edwards, a hack driver, was shot and fatally wounced by Offi cer Harrington, at San Francisco. The latter thought Edwards was a garroter, having heard a scuttle a few minutes before Edwards appeared. now only too apparent. He says he fired under the belief that the man was a wrong doer, and was strengthened in his belief when he

refused to halt. The mystery which enshrouded the disappearance of two boys-C. F. Odeabout two miles or more, at a descent | neal and Vincent W. Applegate-who of about four inches to the rod. The left their homes in Duarte on Decem-

TELEGRAPHIC.

An Epiteme of the Principal Events Now Attracting Public Interest.

Loss of the Abercorn.

Montesano, W. T .- Following particulars of the wreck of the British ship Abercorn have been obtained from the three survivors:

They were out 125 days from Glascounty jail at Montesano, W. T. failed gow, with 2,000 tons of steel rails consigned to the O. R. & N. Co. They took Pilot Johnson on board, as previously reported, and stood out to sea. Charles Patterson, a switchman, ning on a sand beach. There was no shall acquire more than one mining was thrown from a moving car and gale blowing whatever, but it was claim on the same vein, or relocate a

sailor was on watch. He says they and paid for according to law. took soundings only twice after taking Johnson on board, first on Saturday when they found eighty fathoms, and again after standing out to sea on Sunday, when they sounded and found 120 fathoms. All the survivors agree that these were the only soundings J. W. Nillage, California fish com- who was first out of the cabin, could the finest specimens of fish. missioner, committed suicide. Testi- not tell how many were drowned at grasp the bar of the companion way, and its tributaries. but missed it, when a second wave been saved. A little later the mizzen- waters. Wm. Sexton was shot and killed at mast gave way, and the ship opened Jacques Dull, a two-year old child, him a plank about thirteen feet long, vessels. Ana, Cal. His back was almost com- shore. After getting on the plank, he of gill net fishing on the bar of the suffered untold agonies, until he died, there was no storm.

The next survivor, a man about 25 years of age, came ashore with a piece every season. of plank under each arm. Both of the hour.

The boy who was saved is an orphan training ship, all of whom were mak- pieces. McIntire and an Indian. The boy to others. says he saw several persons in the wascared, and he would reach shore all right. Then a heavy wave struck the lad and that was the last he saw of the captain or any of the ship's crew.

Shortly after the boy reached shore Fancy roll, & th a body was seen floating but a shor immediately after being sighted, and waves up to their necks, it was impos sible to recover the body, which wa supposed to be that of the captain.

Sixteen bodies are reported found including those of Pilot Johnson and recognized by a note book found in his pocket. All the bodies were found from sixteen to nineteen miles up the

The ship's company consisted of the captain and twenty-four men. On arriving at Hoquiam bay the men were most hospitably entertained

and everything done for their comfort. Too much praise cannot be given to the Indians for the manner in which they risked their lives to save the drowning men, and the care they took of the survivors.

The old sailor says he has gone through many scenes of shipwreck before, but this was the worst he has ever witnessed. Had there been a life-saving station or a rocket to carry a line to the vessel, every man might have been saved. The immediate necessity of a station in that vicinity is

Advices from Shanghai say that nearly 2,000,000 persons are entirely lestitute through the Hoang Ho floods.

Two men were killed by the explosion of the Standard Explosive Co.'s mixing house near Tom's River, N. J.

At Paris, a woman was pushed off a bridge into the Seine and drowned Arrests were made, and the fact de-3,000,000, and including New Zealand, room, ten or twelve feet high and sixty were found. The two lads were lying veloped that the murder was comfeet across. The temperature is about only a few rods apart. They evidently mitted for a wager of a cup of coffee ninety degrees, and increases at every became lost in a snow storm and strug- One man has been sentenced to penal itants and Melbourne and its environs step. As the candle grew short the gled on together until they dropped servitude for twenty years, and another nearly 400,000.

CONGRESSIONAL.

Legislation Pertaining to the Interest of the Pacific Coast.

SENATE.

Senator Dolph reported favorably to the Senate, from the Committee on Commerce, his bill to prevent obstructions to navigable streams, which will prohibit the dumping of garbage and refuse, and anything, into, any of the streams of the country which would tend to obstruct navigation.

A bill was introduced by Stewart to The wreck occurred at half-past six amend the mining laws of the United Monday morning, by the vessel run- States by providing that no person claim which he has previously located. Two honrs previous to striking John- Also requiring that each patent for son sent a man into the cross trees to mining lands shall reserve right of was shot and instantly killed at his keep a lookout for lights at the mouth way through or over any mining claim they were steering a southeast course other mines; provided, that damages and carrying a light sail. The old occasioned thereby shall be assessed

> Mitchell moved an amendment, by providing that no Chinese shall ever country.

The Secretary of War, in response to a Senate resolution, has sent to the Senate a voluminous report made by Capt. C. Powell and Maj. Wagoner, No blame is attached to the engineer. point. Immediately after striking all respecting the salmon fisheries on the hands went into the after cabin, as the Columbia river, and how such fisheries sea was breaking bodly forward, and interfere with and obstruct the navigaand mainmast broke, and the deck There are quite a number of photobroke into the cabin. The old sailor, turing salmon, canneries and some of

The Secretary of War concurs in the had collected money and failed to have been. Those who survived as is in the interest of commerce and cended the rigging of the mizzenmast, navigation that the general govern-Thomas C. Ross, a school teacher and the old man saw Pilot Johnson as ment should have supervision of and recently from Oregon, has been com- he came out of the cabin, which was make proper regulations for the manmitted to the Stockton insone asylum filled with water. He then saw a wave agement of appliances in use for the

Capt. Powell reports that there are distance of seventy-five feet at Row. struck Johnson and carried him into a dozen fish wheels below the uncomhe swam nobly, but as he was looking gation, but that when the improve back at the vessel and swimming par- ments are completed they will tend to allel with the coast, he did not appear shoal the waters of the river. It is while employed with other workmen to be making for the shore, although recommended that the fixed parts of

Salmon seines used near Astoria do David Pierson. Sexton was plowing was going, the old sailor jumped to tend to cause the formation of bars, drawing, by some accident or other it clear the side of the ship, and was but in the fishing season gill nets set had not reached him as late as five under water for some time. As he across the stream often interefere with o'clock on the Monday afternoon imcame up the second time he saw near the passage of steamers and sailing mediately preceding the Tuesday on

pletely cooked, and the little fellow says his hair was hardly wet, showing Columbia would result in a large saving of life, as between twenty and sixty fishermen are drowned on this bar

HOUSE.

The House passed the bill to disand was one of the five boys from the continue the coinage of three-cent

ing their first voyage. He will be 17 Representative Hermann secured been about an hour in the water, and a second homestead entry to those who having drifted two miles up the coast fail to consummate their original enfrom where the others landed. He try through any cause except abanwas unconscious when found by Mr. donment of their entry or through sale

Hermann introduced a bill for the ter after he had left the wreck, and disposal or sale of mineral land on was the last to see the captain alive. Indian reservations; and also that the At one time the captain was within timber on such reservations may be fifteen feet of him, and told him to used for mining purposes when com-

PORTLAND PRODUCE MARKET.

BUTTER-

rt	a many a work by and a a a a a a a a a a a a a a a					45
k	Inferior grade		12	(0	3	20
d	Pickled		27	10	4	30
e				-		H24
e	Сикеви—		1.0	(2		35
4-	Eastern, full cream		16	(a		20
				(0		16
ıs	California			-		144
	EGGS -Fresh			(d	1	35
l,				- 20		796
d	Appies, qrs, sks and bxs			(8	ř.	6
n	do California		18	(4		28
n	Peaches, unpeeled new		12	16		14
d	Pears, machine dried		170	400	١	10
e	Pitted cherries					40
•	Pitted plums, Oregon. Figs, Cal., in bgs and bxs.					124
	Figs, Cal., in bgs and bxs		-	@	ķ.	9
e	Cal. Prunes, French		8	(d)	ķ.	10
	Oregon prunes		10	(6)	8	125
e	Portland Pat. Roller, & bbl i	8			4	en
d	Salem do do					00
t.	Salem do do White Lily # bbl					1/5
o	Country brand					75
h	Superfine	2	EU	(4)	2	75
e		4	OX.	100	Į,	00
k	Wheat, Valley, & 100 lbs do Walia Walla Barley, whole, & ctl	î	17	(6)	1	26 20
ь.	Barley, whole, if ctl	•	**	1.00	î	124
	do ground, of ton	20	09	10	25	00
e	do ground, # ton Oats, choice milling # bush		47	(4)	_	50 47
k	do feed, good to choice, old Rye, # 100 lbs	- 1	46	42		+7
8	Rve, # 100 Da	-1	10	(4)	1	25
a	FEED-		-	-		-
y	Bran, # ton	18	100	(4)	17	00
t	Shorts, # ton	10	w			00
Ĭ	Chop. & ton	23	69	a	23	00
8	Oil cake meal # ton	32	00	6	33	00
8	FRESH FRUITS			7		0.0
	Apples, Oregon, & box	1	25	6	1	50
	Cherries, Oregon, & drm		nn		ũ	122
t	Limes # 100		w	(6)	4	50
,	Cherries, Oregon, # drm. Lemens, California, # bx Limes, # 100. Riverside oranges, # box				٠	23
	Los Angeles, do do			æ		
٩	Los Angeles, do do Peaches, # box			ä		J.
1	HIDES-					
8	Dry, over 16 lbs, # lb		11	0		12
	Wet salted, over 55 lbs			60		5
-1	Dry, over 16 lbs, # lb		.7	1		9
F	Vacanta		10	(4)	1	25
.]	Cabbare # D					10.1
d	Carrots, & sack			0		00
1	Cauliflower, & dog				*	10
	Onions			@	1	50
U	Cabbage, # lb. Carrots, # sack Cauliflower, # doz. Onions Potatoes, new, # 100 lbs.			-		

UNEXPECTED FORTUNES.

An Opticianfand a Magician Awake and Find Themselves Rich.

"Monday night I was poor and Tuesday I was rich," said Mr. Charles H. Scheffreen, a few days ago to a Courier reporter. That he had very recently been poor no further evidence was needed to convince the reporter than the almost poverty stricken home in which he had been found in Russell place; that suddenly he had been made rich the reporter had written proof in his possession, as had also Mr. Scheffreen, who, with well founded delight showed his visitor a receipt, signed by the cashier of one of our largest banks for a negotiable order for thousands of dollars, which had been deposited for collection that very day. "Yes, I am indeed a fortunate man. But I had faith and knew it would come sooner or later. 'How many children have I?' There is this little girl," said the elated speaker pointing were near that locality. At the time, tunnels for the purpose of working to a pretty black-eyed little Jewess, perhaps ten or eleven years of age, "and five others, besides a daughter who is married. Yes, I have had a tough time of it, and had it not been for the hope of some day having just be allowed to buy public land in this this luck I cannot tell what I should have done. I left Russia five years ago with my family, thinking I should have no trouble at all in making a good living. I found it much barder to get along than I thought I should. Selling spectacles and eyeglasses, which is my business, is very hard work, there are so many doing the same thing, and many days I made no money at all.

> "There is one thing though, my friend, I have always made money enough for, and that was to buy a ticket each month since I have been here in the Louisiana State Lottery, and sir, you see what has come of it. Ha! ha! I told my wife," continued the animated speaker with chuckle, "I should get it some day, and I have, I have!

Mr. Scheffreen seemed very anxious that the public should know of his good fortune. "I wish I could tell every man in Boston to buy a ticket," he said. "I have told every friend I have seen, and many of them have already taken my advice. Yes, put it in the Courier by all means, let everybody know it." A strange incident connected with Mr. Scheffren's drawing a part of the second capital prize the sailor thinks if he had had any these fish wheels be removed. Traps of \$100,000, and one which would seem to indicate that nothing had power to prevent him from getting it, Elk Creek, near Willows, Cal., by and let all into the sea. As the mast not interfere either with navigation or his ticket several weeks before the which the distribution of prizes took It is suggested that the prevention place, and it was the new ticket that he ordered at that late hour by telegraph which proved to have on it the lucky number.

On the same day that Mr. Scheffren drew his fortune Mr. C. Fredericks, of Norman street, who held another part of the same ticket, was also equally enriched. Mr. Fredericks, who is a traveling magician, was away from his residence performing with a dramatic company when the reporter called, and therefore could not be interviewed. Enough however, was learned about him to assure one that the money was as much needed as it was welcome. With none of his cards, or any of his other magic paraphernalia has he ever produced such a wonderful transformation as his good luck did for him on December 13 with the little engraved ticket issued by the Louisiana State Lottery Co.-Boston (Mass.) Courier, Jan. 1.

-A great international exhibition of science and industries will be held next year at Brussels, Belgium, commencing on the first Saturday in May and closing November 3.

-It appears, from an article in & French scientific journal, that analyses have been made of articles found in Egypt which show that bronze was in use in that country more than two thousand years before the Christian era.

-What is expected to be the second largest bagging and cordage factory in the United States is soon to be located in Galveston, Tex. It will contain fifty looms, and most of the machinery will be obtained from this country, although the spinning and carding machines will come from England.

-It is believed by a writer for the Lancet that somnambulism is in many instances occasioned by worry and distress of mind, and the action consequent thereon; "some of our actions often becoming by practice so nearly automatic that partial sleep or stupor does not arrest their unconscious performance.

-A long continued series of observations, made both at Paris and Munich. indicate that the sanitary condition of a locality depends on its volume of ground water; that is, on the amount of water contained in the ground. It is stated that "the years in which there has been a large quantity of groundwater present have invariably been the healthiest years, while those in which there has been a small quantity have invariably been the most unhealthy periods."-N. Y. Ledger.

-According to Professor S. P. Langley, the well-known American astronomer, the temperature of the sunlit surface of the moon has been commonly over-estimated, and probably does not exceed fifty degrees centigrade. Mr. Richard A. Proctor, in his elaborats work on the moon, says that, during the lunar day, the surface of the moon burns, one may almost declare, with a heat of some five hundred degrees Fahrenheit, if the inferences of our most skillful physicists and the evidence obtained from our most powerful means of experiments can be trusted.