is not one truth that such are in possession of | made during the winter. They told me that salvation - to give them all the opportunity creased, and it might be enabled to do more but what every other God knows." "None of these Gods are progressing in knowledge; neither can they progress in the acquirement

of any truth."

In his treatise entitled "Great First Cause," page 16, par. 17, br. Pratt states:-"All the organizations of worlds, of minerals, of vegetables, of animals, of men, of angels, of spirits, and of the spiritual personages of the Father, of the Son, and of the Holy Ghost, must, if organized at all, have been the result of the self combinations and unions of the pre-existent, intelligent, powerful, and eternal particles of substance. These eternal forces and powers are the Great First Causes of all things and events that have had a beginning."

The foregoing quoted ideas, and similar ones comitted tobequoted, with the comments thereon, as advanced by br. Pratt in an article, in the good. Seer, entitled "Pre-existence of man," and in his treatise entitled "Great First Cause," are plausibly presented. But to the whole subject we will answer in the words of the Apostle Joseph Smith, on a similar occasion. One of the Elders of Israel had written a long revelation which he deemed to be very important, they expected to be driven, and others say we now possess, brightened and increased in and requested br. Joseph to hear him read it. The Prophet commended its style in glowing terms, remarked that the ideas were ingeniously advanced, &c., &c., and that he had but one objection to it. "What is that?" inquired the writer, greatly elated that his production was considered so near perfect. The Prophet Joseph replied, "It is not true."

This should be a lasting lesson to the Elders of Israel not to undertake to teach doctrine they do not understand. If the Saints can preserve themselves in a present salvation day by day, which is easy to be taught and comprehended, it will be well with them hereafter.

BRIGHAM YOUNG, HEBER C. KIMBALL, DANIEL H. WELLS.

REMARKS

By President BRIGHAM YOUNG, Tabernacle, P.M. of June 3, 1860.

[REPORTED BY G. D. WATT.]

I delight to meet with my brethren; it is my chief joy; it affords me great consolation and comfort. But whether I am alone or in the midst of the Saints, the Spirit of my religion is continually a sacred consolation to me; I hardly ever see the time when I do not have a flow of it.

One of the greatest blessings I enjoy is the privilege of meeting with the assembled Saints. Do you realize that there is not another denomination, professing Christianity, that enjoys this privilege in so great a degree as do the Latter Day Saints? There is not another society or community professing to believe the Bible, embracing it in their faith, would consent, for one moment, to sell or give away all they have and travel halfway over the earth for the sake of assembling together .-The position of all other professing Christians causes them to mingle more or less, with the ungodly - with those who take the name of God in vain - with those who delight in unrighteousness; were they called to make the sacrifices required of this people they would refuse, and abandon their religion rather than comply.

The Latter Day Saints are called to separate themselves from the wicked, to assemble together and associate with each other; and this is one of the greatest blessings bestowed upon me; that I may not be obliged to mingle with the ungodly. My business - my course of life - does not call me where I am under the necessity of hearing the name of that Deity whom I worship blasphemed; where His character, name, place, and attributes are held in the deepest derision, as they are in the world. I am not under the necessity of mingling with such characters. Is not this a blessing? It is. True, in traveling and preaching, I have mingled more or less with the ungodly, since I have been in this church; though, when I have fallen into such society, I have

passed along as speedily as possible. In Kirtland, in 1833, the Prophet Joseph told the Elders that if they would do right, would promote the kingdom of God upon the earth, as they professed they desired to do, they would take his counsel to never put forth their hands to do another day's work to build up a gentile city. From that day to this, I do not know that I have done one hour's work contrary to that counsel. You have frequently heard me refer to my poverty when I moved to Kirtland in the fall of 1833. Not a man ever gathered with the Saints, so far as I have known, but had more property than I had. When I came into the church I distributed my substance and went to preaching; and when I gathered with the Saints I had nothing. I then said I would not work to build up a gentile city. Other mechanics went from Kirtland to different cities to get employment. I said to them, I will work here, if I do not receive one farthing for my labor, and have to beg my bread, and I will assist in building up this place, and will make many dollars to your one, by so doing. I did, for when I started to the west, on the 5th of the following May, I could have bought what almost the whole of them had

in search of work during the past winter.

hands to build a city at Fairfield, and its advantage, but the devil will. That is what which the fire was rendered most brilliant, and neighborhood, they would have wai ed until he tried to do in heaven. the judgment day. I said, when they came Br. Kimball asked whether there were liars with another fire supplied with cold air in the here, and I now say, if they had loaded every and thieves in heaven. It is recorded that the usual manner. Having obtained such remarkone of their wagons with gold and offered it to devil is somewhere there, accusing the breth- able results on a small scale, it occurred to me, they could not have bought me, and I ren and finding fault with them. Men in the him that a similar increase in the intensity of would not have worked for them. You may flesh are clothed with the priesthood with its heat could be obtained on a large scale in ask, "have you not helped them?" I have sold blessings, the apostatizing from which and large blast furnaces; but being a gas-maker, he them a considerable amount of lumber, but in turning away from the Lord, prepares them to could not persuade iron-masters to allow him that operation which received the most help, become sons of perdition. There was a devil they or me? They paid my price, and I do in heaven, and he strove to possess the birth time there was great need of improvement in good with it, and intend to continue doing right of the Savior. He was a liar from the

till then." Let every mechanic and every idea. scientific man of all classes and occupations, I will now say a few words upon matters first rock in that temple, or to get out the first | tions, home to Zion. stick of timber for it? Where is the woman I feel much encouraged with regard to our prepared, when called upon, to engage to the the people. best advantage in building up Zion.

it has received from the same God that we stuff; and especially do not part with it to feed worship. He is the best mechanic and the your enemies. avocation in life, has been given from our inant. God bless you, every one. Amen. Father in Heaven to his children, whether they acknowledge and obey him or not.

Br. Wells was just speaking about the Lord's having a foot hold on this earth. He holds dominion over the winged tribes of heaven - they obey his law. He holds dominion in the depths of the sea, where man cannot pollute it. But there is not a mounthe Lord, and have done so nearly all the time; though His providences are over them all, and Him. Enoch was the only man that could important branch of home manufactures: build a city to God; and as soon as he had it completed, he and his city, with its walls, houses, land, rivers, and everything pertaining to it, were taken away.

God does not violate the agency he has given to man, wherefore let this be in the mouth of every Saint, "the Lord shall have perfect dominion in my heart and affections," then he will begin to reign in the midst of the people, but he cannot do so now. When we have faith to understand that he must dictate and that we must be perfectly submissive to him, then we shall begin to rapidly collect the intelligence that is bestowed upon the nations, for all this intelligence belongs in Zion. All the knowledge, wisdom, power, and glory that have been bestowed upon the nations of the earth, from the days of Adam till now, must

be gathered home to Zion. The wicked will become more and more weak and ignorant, as they increase in wickedness. See the trifling, childish foolishness now among the nations of the earth. Br. George Halliday said, this morning "Mormonism has made me what I am." That is true. "Mormonism" embraces all truth in heaven, earth, and hell; consequently all we have received, that is calculated to make us of any worth, is from the principles taught by it .-Look at the world! Where is the wisdom of the emperors, kings, and rulers of the nations? Imbecility and weakness are fast creeping into high places, and spreading among the people. They love lies and choose darkness rather than light, and the Lord will grant them their desires until they dwindle into degradation and utter destruction, when the government will rest upon those who are faithful to God and their country.

This is my country. I am a native born, American citizen. My father fought for the liberty we ought to have enjoyed in the States, and we shall yet see the day when we shall enjoy it. Had we the power, would we hold the wicked down and whip them? No, for, except in self-defence, it is our duty to plead with them and offer them the terms of life and

beginning, and loves those who love and make fifty thousand dollars to spare, I would expend or where it is, is not for me to say. Does the city for the Saints. A great many here are much more about these matters than we now Zion, and this house will answer my purpose world to an extent of which you now have no

and every woman, improve to the best of their that immediately concern us. I believe it to ability, faithfully living their religion, and we be the duty of all sisters, who profess to be shall be none too well qualified to build up Saints, to make their apparel; and if they Zion, when that time arrives. I never saw a want ornaments, make them. It is the duty stone mason who thoroughly understood his of the brethren to know how to build a house, try his plan on a more enlarged and perfect trade. We have not a quarryman who fully how to make a garden, and how to do every understands getting out rock for the temple thing that can be accomplished by the ingewalls. Then how, amid such ignorance, are nuity given to man. Why? That we may you going to properly lay the foundation of know how to build and beautify Zion. Let us the New Jerusalem - the Zion of our God? - improve, and gather all the knowledge and What do you know about building the great faith we possibly can, both from heaven and the air more closely to the sides of the heated temple that is yet to be built, upon which the earth, being diligent and fervent in all our duglory of God will rest by day and by night? ties, private and public, and striving to gather Where is the man that knows how to lay the the wisdom of God, as bestowed on the na-

that knows how to make a single part of its academy; it is well attended, and the scholars interior decorations? That knowledge is not are interested and energetic in their studies. now here; and unless you wisely improve up- Schools are becoming numerous and well aton your privileges, day by day, you will not be tended and the spirit of improvement is among

Let all, in the coming harvest which prom-No nation possesses any wisdom but what ises abundance, strive to secure their bread-

most scientific personage that we have any Much depends upon mothers in regard to imknowledge of. There is not a principle in as- proving the rising generation. Let us all try tronomy, known by men of science but what to improve upon the many and rich blessings has been revealed from heaven. All true we enjoy. The priesthood is here. God is knowledge among men, in relation to agricul- beginning to reign on the earth; open your ture, the arts, science, commerce, and every hearts and let Him reign therein predom-

History of the "Hot Blast" in Iron Making.

The following article, which we copy from the columns of the Scientific American, contain, valley, continent, island, or other portion able in any future experiments that may be him of the benefits of his invention; and to of earth where mankind dwell, but what entered into for the purpose of manufacturing thereon they more or less pervert the ways of iron in Utah-if, indeed, it does not furnish a He will cause the wrath of man to praise acting as a barrier to complete success in this

> regarding the publication of that information. have been forfeited by our law (as discussed this invention, from the inventor himself, who would have been a case of great hardship and azine.

> Six or seven years before the invention of the hot blast was brought out, Mr. Neilson had read an essay before the Glasgow Philosophical Society, on the best mode of taking out tweers of iron furnaces, as it was found that the manufacture of iron was much impaired in summer both in quality and quantity, and he the greater amount of moisture in the air at that season. His first proposed method was to pass the air through two long tunnels conly (by the lime absorbing the moisture) on its Journal, says: passage to the cylinder of the blowing engine, but this plan was not put on trial. About this doings of Congress. The two men who attime his advice was asked by a friend--Mr. tracted the most attention were William Cost James Ewing, of the Muirkirk Iron-works-in Johnson, of Maryland, and Thomas F. Marregard to a blast furnace situated half a mile shall, of Kentucky. They were the most brilfrom the blowing engine, which did not obtain liant orators-the "observed of all observors." a sufficient supply of air at that distance, and Mr. Johnson died in this city a few days ago, of course did not make so much iron as two a pauper and an outcast, unnoticed and unlafurnaces close to the blowing engine. It then mented. The papers, a few days ago, informoccurred to him that, as air increased in vol- ed us that Mr. Marshall is an inmate of a hos-

it often cost them more to get twenty dollars God has designed them to have. But what duty in the furnace. Being at that time enthey had earned than it did to earn it. I went would they do, if they could get the advantage gaged as engineer in the Glasgow Gas-works, to work for br. Cahoon, one of the Kritland of this people? According to br. Kimball's he made an experiment upon the illuminating Temple committee. He had little or no means, comparison, they would hug us close and power of gas supplied by heated air, brought and only a shell of a house. I helped him, and the tight-they would oppress, corrupt, afflict, and up by a tube close to the burner; and he found Lord threw things in his path, and he paid me destroy us. If they could but realize the gen- that, by this means, the combustion of the gas for my labor. I worked, day by day, and erosity there is in the gospel of salvation, they was rendered more perfect and intense; so that when spring came I had more in my posses- would not hate us as they do now. But in the illuminating power of the particles of carsion for my labor than any who had gone out their ignorance they would destroy a Saint, be- bon in the gas was greatly augmented. He cause they imagine that a Saint would do the then tried a similar experiment with a black-If they had waited for me to have lifted my same to them. A Saint would take no unjust smith's fire by blowing heated air into it, by the heat exceedingly intense in comparison to make the necessary experiments. At that the working of iron furnaces, as many of them were standing idle for want of the blast be-Were I residing in a gathering place where lies, as do his imps and followers here on the cause they were unable to supply the neces-I knew I could remain for two years, and had earth. How many devils there are in heaven, sary heat for smelting the iron, and unless £6 (\$29.10) per tun could be obtained, no proit in the best improvements I could, and labor accuser of the brethren dwell with the Father fit was realized. A strong prejudice then exto improve until the last day of my remaining. and the Son? No, but he is somewhere; and isted against meddling with the furnaces-a The Lord is gathering his people, and this is a when we go through the vail we shall know sort of superstitious dread of change prevailed, owing to the great ignorance of furnace satisfied with a log hut. Some act as though do, for we shall possess all the sensibilities managers with respect to the real action going on in the furnace. Mr. Neilson at length "we will soon go back to the Center Stake of intensity by the visions and power of the spirit succeeded, however, in inducing Mr. Charles Macintosh, of Glasgow, and Mr. Colin Dunlop, of the Clyde Iron works, to allow him to make an experiment. This was done, and although the air was only raised 50°, it showed a marked difference in the scoria-more iron was obtained from the same quantity of ore than before. This only made him anxious to scale, but he was still retarded by the ironmasters—they objecting to any alteration in the furnace. In one instance, when he succeeded so far as to be allowed to heat the blast. he wanted to make a bend in the pipe to bring metal and increase the era of heating surface, to elevate the temperature; but his request was refused, and it was asserted that, if the pipe were bent, the furnace would cease working. These prejudices proved serious obstacles to early success; and it was two or three years after this before he was allowed to put a bend in the main heating pipe. But, after years of perseverance, he was at length enabled to work out the plan into a definite shape at the Clyde Iron-works of Mr. C. Dunlop, near Ruthergien, in Scotland.

The invention of the hot blast in smelting iron consists solely in heating the blast between the engine-blower and the furnace, and it is not associated with any particular construction of the intermediate heating apparatus. This was the cause of the success which had attended the invention; and in this respect it had much similarity to that of his countryman, James Watt, who, in connection with the steam engine, invented the plan of condensing the steam in a separate vessel from the cylinder, and was successful in maintaining his invention by not limiting it to any particular construction of condenser. Mr. Neilson was glad to say that the English ironmasters had stood by him in the attempts made tains facts which may at least prove service- in the early times of the hot blast, to deprive them he was indebted for the successful issue of the severe contest he had then gone through.

Such is the substance of Mr. Neilson's pakey to the solution of the mystery hitherto per. His invention is in very general use in this country, and it has been the means of enabling us to smelt ores which, otherwise, would now have been lying in the earth as useless as The use of the "hot blast" in smelting iron | the sand by the sea-shore. In Scotland, it has has proved to be one of the most original and been the means of enabling iron manufacturvaluable inventions on record. It is now em- ers to produce pig iron, with a profit, for £216s. ployed in all countries, and its importance is instead of £6-the former being less than onefelt and acknowledged everywhere. In our half the price of what it was forty years ago. last volume, we presented an illustrated his- Mr. Neilson was not an iron manufacturer, tory of the apparatus for heating the blast, and hence he had great difficulties to overcome in it has afforded us pleasure to have received introducing his invention; and had he taken several letters expressing sincere satisfaction out an American patent, it certainly would We now present something more relating to by us on page 401 of our last volume), which is still living, which makes the matter doubly injustice. It seems that his own countrymen interesting. Our information we obtained from | tried to rob him of the benefits of his invena paper read before the Institution of Mechan- tion, but he triumphed over them through the cal Engineers (England) by Mr. Neilson, and sturdy support of English iron-masters; and lately published in the London Mechanics' Mag- he is now, in his old age, enjoying his otium cum dignitate (ease with dignity).

Whether or not the attention of our iron mongers has been called to this valuable discovery, we are not informed. If not, the trial, the moisture from the atmospheric air, in sum- if it could be conducted on a small scale, withmer time, previous to its entrance into the out much expense, might lead to favorable results. While this subject is before the community, we are desirous of affording every fahad become satisfied that this was owing to cility within our reach to bring the matter to a successful issue.

THE DRUNKARD'S FATE. - John D. Defrees, taining calcined lime, and thus dry it thorough- writing from Washington to the Indianapolis

Twenty years ago I was a looker on at the ume according to its temperature, if it were pital at Buffalo, diseased and miserable, and passed through a red hot vessel before enter- about to die! Intemperance, of course, is the ing the distant furnace, its volume woud be in- cause of all this.