THE AGE OF ALUMNUM

The World Shall Shine with

New Luster.

TWENTIETH CENTURY PROPHECY.

Professor Ridpath Foresees Great Things.

Secretary Noble on the Development of the West-Secretary Foster and H. Waiter Whole on Railway Speed—Shall We Have a New White House?

(Copyright, 1866, by American Press Association for sight in the work of learning. These things civilization demands and will find in the Twentieth century. Both of these substitutions of aluminium for iron and of sound for sight in the work of learning. These things civilization demands and will find in the Twentieth century. Both of these substitutions of man to the laws of his eavironment.

The progress of the human race has been marked and recorded at every stage by the use of materials found in the earth. The progress of the human race has been the most important material substance in the arts of life. We live in an age of iron. For nearly 3,000 years iron has been the most important materials substance in the arts of life. We live in an age of iron. The whole present fabric is builded almost exclusively on this coarse, strong metal. The age of iron marks the first emergence of mankind into the conscious state. Before the epoch of national consciousness there had been two ages of stone Barbarrish has always had stone for its substance and symbol. In the intermediate paper age and then a longer age of bronze. Finally came the age of iron. It has been the material substance to which shahm well have been the material substance to which shahm and transformation. Just as stone and bronze have given place to iron, so shall two rity and transformation. Just as stone and bronze have given place to iron, so shall two ritys place to aluminium. The aball throng the proper age of the proper age and then a longer age of bronze, Finally came the age of iron. It has been the age of iron the stage of manife the reace advanced to cope per and then to bronze. There was a brief copper age and then a longer age of bronze, Finally came the age of iron the same of t

us owed her preservation.

We are not to suppose that the age
'iron will last forever. Nothing last
orever. All things obey the law of evotion and transformation. Just as stone lution and transformation. Just as stone and bronze have given place to iron, so shall iron give place to aluminium. The people will not call it aluminium or aluminum, but alum—for short. There will be an age of alum surpassing all the previous ages of man's development. The age of power and conquest shall yield to an age of giory and enlightenment, and of that age aluminium will be the shining symbol. That beautiful, universal and everlasting metal, constituting as it does so large a part of the earth's surface and body, will bear up the whole stupendous fabric of knowledge and progress which shall rise around our descendants in the closing decade of the Twentieth century.

our descendants in the closing decade of the Twentieth century.

The world shall shine with the new luster of its principal metal. All things shall became whiter than sliver. All the exterior aspects of life shall be burnished to brightness. The houses and cities of men, built of aluminium, shall flash in the rising sun with surpassing brilliancy. All spires and walls, all gateways and porches, all bridges and temples, all moving enginery and faroff battlements shall blaze with a splendor befitting the new dawn of the ages to come.

and faroff battlements shall blaze with a spelendor befitting the new dawn of the ages to come. The second great change from the fourth to the fifth Columbian year will be the substitution of sound for sight. It will be the restoration of the human ear to its rightful office as the organ of enlightenment and learning. The sound wave is to be substituted for the light wave as the vehicle of all our best information and intercourse. The ear is to take the place of the eye for the interest and instruction of mankind. A most unnatural thing has happened in a numan development. The life of all ages has been instructed by sound. All mothers, from the mother bird to the mother woman, teach their offspring by sound, by utternance. But instead of continuing this natural process of instruction to the complete development of the mind an abnormal method has been substituted. The youth at a certain age is led into a world of science and there dismissed to acquire if he can the painful use of meaningless hieroglyphica. There he must study with the eye, learning the sense of crooked marks which can at most signify no more than words. Alas, how much of energy and life and thought have been wasted in the instruction of the mind by characters and symbols! How the eyes of mankind have been dimmed and eclipsed and the faculties overheated by this unnatural process of learning!

and symbols! How the eyes of mankind have been dimmed and eclipsed and the faculties overheated by this unnatural process of learning!

Man begins his acquirement of knowledge with words, and he ends with words. But an unnatural civilization has taught nim to walk the greater part of his intellectual journey by means of arbitrary systems of writing and printing. The fifth Columbian year will see him untaught—a hard thing withal—and retaught on nature's plan of utterance. Nature teaches by sound only. Artificiality writes a scrawl. Nature's book its a book of words. Man's book is still a book of signs and symbols. Nature's book tater sitself to the ear, and man's book blinds the eyes and overheats the 'imagination. Nature's method is to teach by the ear and to save the sight for the discovery of place and beauty.

The fifth centennial of our discoverer will bring us the sound book in some form, and with that the intellectual equipoise of man-aind will begin to be restored. The use of the eyes for the offices of learning in place of the stronger ear has destroyed the equilibrium of the human mind. That equilibrium can be easily ages of seeing.

The age of hearing is to come with the Twentleth century. That age will restore the balance. Memory, almost obliterated, will come again. The perceptions will cool. The imagination will become calm, and the eye itself will recover from the injuries of overstrain and regain its power and luster. Man will see once more as the eagle sees and will see once more as the eagle sees and will seen of will recover from the injuries of overstrain and regain its power and luster.

the West.

[From Our Washington Correspondent.]
Said Secretary Noble, of the interior department: "The most stupendous changes in the United States during the next 100 years are to come in the far west. A century hence the world will see in the plains and mountain region of North America an empire such as the ancients never even dreamed of. All through that region, much of which is now arid and not populated, will be a population as dense as the Aztecs ever had in their palmiest days in Mexico and Central America. Irrigation is the magic wand which is to bring about these great changes.

"As our country grows in both area and population the means of communication will become more and more perfect, and Lower California and faraway Alaska will be as near to Massachusetts, New York and Ohio in thought and sympathy as people of adjoining states or communities are to each other. But for these means of quick, cheap and easy communication, preserving heterogeneousness among the people and maintaining sympathy and understanding between them, the future of this great re public would not be as bright as it is.
"A hundred years hence these United States will be an empire such as the world never before saw, and such as will exist nowhere else upon the globe. In my opinion, the richest part of it, and a section fully as populous as the east, will be in the region beyond the Mississippi."

Vice President Webb on Railway Development.

It is not easy to make any positive predictions about the increase in railway speed, or at least to put a limit upon the possibility of swift travel in the next century, yet it is safe to make some approximate suggestions based upon judgments that come from the experience of today.

A few years ago an express speed of thir ty-five miles an hour was regarded as fast travel. Today there are a number of trains which make regular runs of between forty and fifty miles an hour, and there is one train running from New York to Buffalo on the New York Central, a distance of 444 miles, at an average ospeed of about fifty three miles an hour. This same train has made the run once at an average of less than a mile a minute, and it frequently at aims a speed of as much as seventy or seventy-five miles an hour.

This experience, which is comparatively recent, has convinced me that we are still much under the limit of what may be expected by travelers in the Twentieth century. I expect to see even before the Twenteth century trains running regularly at an average of sixty miles an hour, and I have as doubt at all that early in the next century will be a number of trains on some of the greater roads whose schedule time will call for as much as 100 miles an hour. I have no doubt that a travel century in the next century will be a ble to get his breakfast in New York and his evening din-

some of the greater roads whose schedule time will call for as much as 100 miles an hour. I have no doubt that a traveler early in the next century will be able to get his breakfast in New York and his evening dinner in Chicago.

We have already learned how to construct locomotives which are capable of making ninety miles and more an hour, and we have learned how best to utilize their enormous powers. Given the perfect locomotive—and we have very nearly secured the perfect machine of this sort—we need only two or three other conditions. There must be a perfectly constructed track and roadbed. It must have inappreciable grades and very slight curves. It must be so made as to be elastic and yet withstand easily the strain caused by high speed. Then we must have a perfect signal system. That I am sure will be developed.

The block system of today is sufficiently thorough to make the high rates of speed attained by trains on my own road, for instance, possible. There should be no grade crossings—these eat up time dreadfully sometimes—and passenger cars must be light, but very strong, and the number of them limited to a high speed train. We need the best coal and of course highly trained employees. With these conditions—and they are sure to be obtained early in the next century—I feel safe in saying that regularly scheduled daily trains running 100 miles an hour will be advertised by many of the railway companies.

The question of safety and of popularity will be no more considered than are the same questions when a person enters an ordinary express train of the present time. With the conditions that I have described above, a train running 100 miles an hour is just as safe as one running forty. In either case if an accident hanners it is likely to

The fifth contential of our discovery will state the included equiposes of the age will be developed the state of the control of the state of the stronger or and active of the stronger of the stronger or and active of the stronger of the stronger or and active of the stronger or and active or and active of the stronger or and active o

advertisement of the company which has projected an electric railway from Chicago to St. Louis. As I understand it, they are going ahead in a businesslike way, making contracts for construction, having passed through the experimental stage and reached the plane of reality and commercial estainty. Their expectation is to make the journey from Chicago to St. Louis in two hours and a half, or at the rate of a hundred miles an bour.

Hilzzard Weather Has No Effect Upon "Tribune" Reporters, Who Face the Storm and Gather News in Drifton, Jedo, Unper Leitch and Explor.

journey from Chicago to St. Louis in two hours and a half, or at the rate of a hundred miles an hour. The tract of a hundred miles an hour can be realized with safety and economy in this century it is not too made on most hour and to realized with safety and economy in this century it is not too made on some that it is not too made to say that 50 per cent. The safety and economy in this century it is not too made on some that is not too made to the safety and economy in this century it is not too made and that the safety and economy in the safety and the probable, will estimate that in the year 1603 it will be a common thing to travel from New York to Chicago in seven of the safety of the safe

ness and private houses, and all sorts of machinery?

"If this theory of Edison proves to be correct, and the electrical experts are not mistaken in their plans for rapid travel, the next hundred years will develop changes more stupendous than have been shown by the last hundred, in which pretty nearly every useful thing there is in the world has been invented. I cannot rid myself of the belief that we are on the eve of an industrial revolution as a result of electrical research and experiment, and I take much comfort from the reflection that the people of the United States are likely to be the first to feel the good effect of the new dispensation—are, in fact, as is their wont, to lead the nations on to a more perfect and perhaps as yet undreamed of civilization."

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Elijah W. Halford on the White House of the Future.

[From Our Washington Correspondent.]

"In the executive mansion of a hundred years hence," said President Harrison's private secretary, Elijah W. Halford, "I think I can see the present building as the central part. There is no doubt that this building will soon have to be enlarged. There is not room enough in it for the family and the office of the president and for the social entertainments or public leves which tradition requires the president of give. But I do not think the people will ever consent to the destruction of this house. Too many memories cling about it, too many of the great men and great events of the country's history have been associated with it.

"Since I have been here I have often wondered at the skill with which our forefathers built this mansion. A hundred years have passed since its foundations were started—the cornerstone of the White House was laid a century ago the 14th day of October—and it is a good, serviceable and comfortable house still. Its only deficiency is in the matter of room. It is stately, elegant, impressive. In its enlargement I think some such plan as that suggested by the late Mrs. Harrison will be followed perservation of the present structure and throwing out of wings on either side. That would give room for the living apartments of the president's family, for the public offices and for the ecremonial or social functions which must take place in the president's house.

"The White House of the future will."

tions which must take place in the president's house.

"The White House of the future will, therefore, in my opinion, be simply the White House of the present enlarged. I do not believe in the very be found desirable to separate the president's residence from his office. My or years' experience here has convinced for moreover, that in the future the private secretary to the president and his family should also be provided with living apartments in the executive mansion. The present of the United States finds it necessary to the president and his family should also be provided with living apartments in the executive mansion. The present of the United States finds it necessary to the works he wants his private secretary close at his means the night as well as the day.

"Probably more than half the evenings of the last four years! I have spent in my office, busy either with my own work estanding ready to assist the president. To do this! I have had to leave my own home night after night, often at much inconvening the first private secretary should have his home in a part of the executive mansion set apart for his use, and this necessity should be recognized in the enlargement of the house and should be made a rew of the

Jeddo, Upper Lehigh and Eckley.

Special and regular correspondence from the surrounding towns is solicited by the TRIBUNE. All writers will please send their names to this office with communications intended for publication, in order that the editor may know from whom the correspondence comes.

The whole force of D. S. & S. employes we on duty yesterday.

James McCarty was on a bu Wilkes-Barre on Friday.

D. J. Kennedy, one of the blacksn 2 shop, was ill last week.

Miss Josie Lockman, of Hazleton, was her among friends yesterday. The collieries were idle one day last week or account of severe weather.

Petitions for and against the n being circulated through town.

Mrs. Cornelius Boner and son Mi visiting relatives here last week.

Miss Katie O'Donnell spent a fe Beaver Meadow friends last week Mrs. Daniel Gallagher, of Stockton, v guest of Mrs. John Burns yesterday. John Dagon, who had his foot blown of dualin sometime ago, resumed work las

loads left here last week and enjoyed a pleasant drive to Beaver Meadow and vicinity. John Lickwer, the Hungarian who was rob-bed and beaten a week ago, left on Thursday for the old country. He will carry home with him the marks of his adventure with the rob-

before July 4.

The new vein of coal which has been located in the vicinity of Buck Mountain is said to be a very valuable find. Rumor has it that as soon as the weather opens a branch of the D. S. & S. will be extended in that direction and the product will be brought to Eckley, where it will be prepared for market.

paratus has no resemblance to a political ma-chine, but to show the public what it is like it will be given a trial in opposition to the many machines which will be in use tomorrow.

JEDDO NEWS.

It came on Saturday—pay day.

Patrick Sharp is the happlest man in town.
fine child.

A sleighing party of the borough people had pleasant time one night last week.

chool Director Timoney attended a meeting the board at Hazleton on Saturday evening. James Gallagher and John McGinniss, of attimer, were in town one evening last week

Politics are very quiet, and it is said both tickets will be cut unmerciful. Spare the knife and save the man, boys.

ECKLEY CLIPPINGS.

few days last week.

The funeral of the late Daniel Comerford, of Hazle Brook, took place on Friday and was attended by St. Mary's T. A. B. Cadet Society of which be was a member.

Patrick Toy, who lost his eyesight in the mines here a few years ugo, has returned home from Philadelphia, where he had been learning carpet weaving for the past six months. Mr. Toy will commence at once to weave carpet at his residence here.

cles that were chanced off was the handsone parlor lamp, presented to the fair by St, Mary's T. A. B. Society. It was won by Miss Mary A. Harvey. The cake walk which to come off last Saturday evening has been postponed until next Saturday evening. The fair will be open on Wednesday and Saturday nights of this week.

MARY ANN.

WAYSIDE GLEANINGS.

The town of Icicle, in Washington, heen renamed Leavenworth

All portraits of Columbus in a beard or ruff are branded as frauds by Mr. John C. Van Dyke in The Century.

The oldest horticultural association in Europe is the Royal Society of Agriculture and Botany, of Ghent, established in the year 1808.

Approximately. A portrait of the well known Unitarian divine, Dr. Bartol, of Boston, painted by his daughter, has been presented to the American Unitarian association.

A man in Maine has found a petition to parliament written in 1643. It is written in ink on handmade paper, and the brass pin stuck into the paper is doubtless older than the petition.

the petition.

The New York chapter of the Daughters of the American Revolution are now raising funds to procure a statue of Washington to be sent to France in reciprocation of the gift from France of Lafayette's statue. The Printers' Journal says the art of paper making has reached the point where it is possible to cut down a growing tree and convert it into paper suitable for printing purposes within the short space of twenty-four hours.

The Fayette City (Pa.) News contains the following unique advertisement: "I. C.

The Fayette City (Pa.) News contains the following unique advertisement: "J. G. Sanforth, undertaker, eighteen years' experience. In that time I have buried over 2,000 persons. My motto is 'Live and Let Live.' Good goods and low prices to every one.' North Carolina proposes that its monument to its Confederate dead shall be of intety-six granite blocks, one for each county, and that on it shall be a bronze statue of Henry Wyatt, the first Confederate killed in the state Service. The monument will be erected at Raleigh.

SCIENTIFIC WAIFS.

ond.

The utilization of aluminium is steadily

A microscope now made from extending. A microscope now made from this metal weighs only 21 pounds 10½ ounces as against 71 pounds 13 ounces when made in brass. WOODMAN'S

ounces as against 71 pounds 13 ounces when made in brass.

Dr. Murray, of the Royal Society of Edinburgh, estimates the mean height of the land of the globe to be 1,000 feet above sea level. Humboldt's estimate placed the same level at only 1,000 feet.

It is somewhat singular that notwith standing the great advances made in chemistry and metallurgy no other more satisfactory silver alloy has asy yet been discovered for coining and other purposes than the alloy used 500 years ago.

The "koniscope" or dust testing instrument which is now being placed on the market is intended for estimating in an easy and simple manner the amount of pollution of air in rooms lighted with gas, and also for use generally in sanitary inspections.

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