OPELOUSAS, . LOUISIANA.

# The Great Anniversary Exhibition in Philadelphia.

Views of the Exhibition Buildings and Full Descriptions of the Various Departments.

Arrangements for the Centennial.

The act of congress which provides for "celebrating the one hundredth anniversary of American independence, by holding an international exhibition of arts, manufactures, and products of the soil and mine." authorized the creation of the United States centennial commission, and intrusted to it the management of the exhibition. This body is composed of two commissioners from each state and territory, nominated by the respective governors, and commissioned by the president of the United States. The enterprise, therefore, is distinctly a national one, and not, as has sometimes been stated, the work of a private corporation.

The exhibition will be opened on May 10th, 1876, and remain open until November 10th. There will be a fixed price of fifty cents for admission to all the buildings and grounds.

The centennial grounds are situated on the western bank of the Schuylkill river, and within Fairmount Park, the largest public park in proximity to a great city in the world, and one of the most beau-

public park in proximity to a great city principal entrance.
In the world, and one of the most beautiful in the country. The park contains to the works of contemporary artists,

Opelousas Courier cations. There are about one thousand American exhibitors in this department, one hundred and fifty English, and one hundred and fifty from other European countries—which is about two hundred and fifty more than entered the Vienna machinery exhibition. Extra provision has been made for annexes to accommodate the hydraulic machinery, the steam hammers, forges, hoisting engines, boil-

ers, plumbers, carpenters, etc.

Power in the machinery hall is chiefly supplied by a pair of monster Corliss en-gines. Each cylinder is forty inches in diameter, with a stroke of ten feet; the diameter, with a stroke of ten feet; the fly-wheel is thirty-one feet in diameter, and weighs fifty-five tons; the horse power is fourteen; and the number of boilers is twenty. This engine drives about a mile of shafting.

For the art exhibition, the most emigent A merican artists have sent speci-

For the art exhibition, the most eminent American artists have sent specimens, and it may be confidently stated that, especially in the department of landscape painting, the United States presents a finer display than the public has been led to expect. Quite aside from the contributions of American artists, applications from abroad call for more than four times the exhibiting space



NEWSPAPER BUILDING.

ably planted for the tests of plows, mowers, reapers, and other agricultural

machinery
The exhibition buildings are approached by eight lines of street cars which connect with all the other lines in the city, and by the Pennsylvania and Reading railroads, over the tracks of which trains also run from the North Pennsylvania and Philadelphia, Wil-mington, and Baltimore railroads. Thus the exhibition is in immediate connecthe exhibition is in immediate connection with the entire railroad system of the country, and any one within ninety miles of Philadelphia can visit it at no greater cost than that of carriage hire at the Paris or Vienna exhibition.

An important special exhibition is made by the United States government, and is prepared under the supervision of a board of States a board of officers representing the sev eral executive departments of the government. A fine building of four and a half acres is provided for the purpose, space in which is occupied by the war, treasury, navy, interior, post-office, and agricultural departments and the Smithsonian institution.

The women's centennial executive committee have raised \$30,000 for the erection of a pavilion in which to exhibit every kind of woman's work. To this collection, women of all nations have contributed.

The list of special buildings is constantly increasing, and the present indi-cations are that their total number will be from two hundred to two hundred and fifty. Most of the important foreign nations—England, Germany, Austria, France, Sweden, Egypt, Japan and others—are putting up one or more structures each, for exhibition purposes, or for the use of the commissioners, ex-hibitors and visitors. Offices and head-quarters of this kind, usually of considerable architectural beauty, are provided by the states of Pennsylvania, Ohio, Indiana, Illinois, Michigan, New Jersey, New York, Connecticut; Massachusets New Hampshire, Missouri, Kansas, Vir ginia, West Virginia, Nevada, Wisconsin, Iowa and Delaware; and it is likely that others will follow the example.

A number of trade and industrial as A number of trade and industrial as-sociations, which require large amounts of space, are provided for in special build-ings. Among these are the photo-graphers, the carriage builders, the glass makers, the cracker bakers, the boot and shoe manufacturers, besides quite a num-ber of individual exhibitors. The great space renders this corrse necessary to a considerable extent, espec-ially for exhibitors who have been tardy

three thousand one hundred and sixty representative productions of the past acres, four hundred and fifty of which have been enclosed for the exhibition. Besides this tract, there are large yards near by for the exhibition of stock, and a farm of forty-two acres is already suitpassed upon by the committee of selec-tion, who visited, for the purpose, New York, Boston, Chicago, and other leading cities, in order to prevent the needless transportation to Philadelphia of works of art not up to the standard of admis-

sion.

A large number of orders and fraternities have signified their intention to hold gatherings at Philadelphia during the period of the exhibition. Among these which may now be enumerated, are the Grand Lodge of Pennsylvania, Independent Order of Odd Fellows; the Grand Encampment, Independent Order of Odd Fellows; Grand Lodge, United States, Independent Order of Odd Fellows; Grand Commandery Knights Templar; Grand Army of the Republic; Presbyterian Synod; Caledonian Club; Portland Mechanic Blues; Welsh National Eistedfodd; Patriotic Order Sons of America; California Zouaves of San of America; California Zouaves of Sar Francisco; an International Regatta the Life Insurance Companies; Nationa Board of Underwriters; State Agricul tural Society; Second Infantry, N. G of California; Philadelphia Conference Methodist Episcopal Church; Cincinnati Society; California Pioneer Society; American Dental Convention; Catholic Total Abstinence Union of America: Independent Order of B'nai B'rith National Alumni Association; Sales Mational Admini Association; Sales men's Association; Fifth Maryland Regiment; Seventh New York Regiment; American Pomological Society Malster's Association of the United States; Army of the Cumberland Humboldt Monument Association Christopher Columbus Monument Asso International Typographical Congress Rifle Association of the United States Centennial Legion; Philadelphia Coun ty Medical Seciety; International Medi-cal Congress; Old Volunteer Fire De-partment of Philadelphia; German Rifle Club; Army of the Potomac, etc.

## Main Building.

This is a parallelogram, running eas and west one thousand eight hundred and seventy-six feet long, and north and south four hundred and sixty-four feet wide. The larger portion is one story high, the interior height being seventy feet, and the cornice on the outside for ty-eight feet from the ground. At the center of the longer sides are projection four hundred and six feet in length, and on the ends of the building projection two hundred and sixteen feet in length In these, which are in the center of the four sides, are located the main en

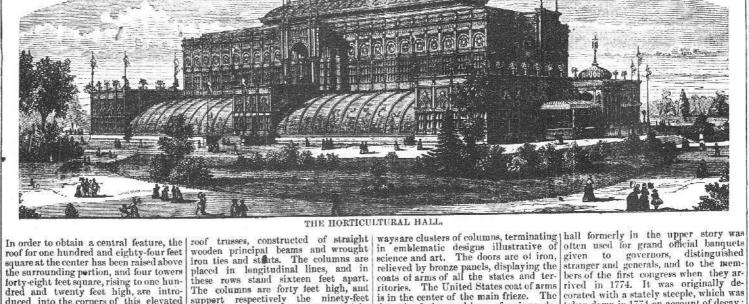


MACHINERY HALL

In making their applications. In the main exhibition building, for example, three hundred and thirty-three thousand three hundred square feet of space had been applied for by the beginning of October by American exhibitors only; whereas, the aggregate space which it has been possible to reserve for the United States department is only one hundred and sixty thousand square feet. About one-third is consumed by passage ways.

Trances, which are provided with arcades upon the ground floor, and central facades ninety feet high. The east entrance forms the principal approach for carriages, visitors alighting at the doors of the building under cover of the united States department is only one hundred and sixty thousand square feet.

About one-third is consumed by passage ways. The machinery building, like the hers, is already fully covered by appli-height rise at each corner of the building. the north entrance to memorial hall (art



forty-eight feet square, rising to one hun-dred and twenty feet high, are intro-duced into the corners of this elevated roof. This gives ventilation as well as ornament. The main building has nine bundred and thirty-six thousand and eight, square feet of surface, or nearly twenty-one and a half acres. Its ground plan shows a central avenue one hundred and twenty feet in width, and one thousand eight hundred and thirty-two feet in length, which is the longest avenue of that width ever introduced into an exhi-bition building. On either side of this is another avenue of equal length, and one hundred feet wide. Between the central and side avenues are aisles forty central and side avenues are assess forty-eight feet wide, and on the outer sides of the building smaller aisles of twenty-four feet width. To break the great length of the roof-lines three transcepts have been introduced, of the same widths and in the same relative positions to each other as the longitudinal avenues. These cross the building, and are four hundred and sixteen feet in length. The inter sections of these various avenues make at the center of the building nine spaces, free from supports, which are from one hundred to one hundred and twenty feet square, and which aggregate four hun-dred and sixteen feet square. The gen-eral elevation of the roofs of all these

avenues varies from forty-five feet to seventy feet.

The building rests upon the ground, the land having been thoroughly graded and prepared. The foundations consist of piers of masonry, the superstructure being composed of wrought iron columns placed twenty-four feet apart, which sup-port wrought iron roof trusses. There are six hundred and seventy-two of these columns in the entire structure, the columns in the entire structure, the shortest being twenty-three feet and the longest one hundred and twenty-five feet long. Their agreement longest one fundred and twenty-five feet long. Their aggregate weight is two millions two hundred thousand pounds. The roof trusses and girders weigh five millions of pounds. The sides of the building, to seven feet above the ground, are finished with brickwork in panels between the columns. Above this there are glazed sashes. The roof covering is of tin, that being the best roofing known in this climate to resist leakage. The flooring is of plank, upon sills resting upon the ground, with no open space beupon the ground, with no open space be-neath. Turrets surmount the building at all the corners and angles, and the national standard, with appropriate emblems, is placed over each of the main entrances. There are numerous side en trances, each being surmounted with a trophy, showing the national colors of the country occupying that portion of the building. In the vestibules variegated brick and tile are introduced. Louvre ventilators surmount all the avenues, and sky-lights the central aisles. Light, and sky-lights the central aisles. Light, of which there is ample supply, comes from the north and south sides almost entirely. There underlie the building two miles of drainage pipe, the water supply and drainage system being complete. Offices for the foreign commissions are placed along the sides of the building, in close proximity to the products exhibited. Offices for the administration are at the ends. The design of building is such that all exhibitors

## Machinery Building.

will have an equally fair opportunity of exhibiting their goods to advantage. There is comparatively little choice of

location, as the light is uniformly dis-tributed, and each of the spaces devoted

to products is located upon one of the main thoroughfares.

This structure is located about five hundred and fifty feet west of the main exhibition building, and as its north front stands upon the same line, it is practi-cally a continuation of that edifice, the two presenting a frontage of three thou-sand eight hundred and twenty four feet from their eastern to their western rom their eastern to their western ends, upon the principal avenue within the grounds. This building consits of a main hall, one thousand four hundred and two feet long and three hundred and sixty feet wide, with an annex on the southern side two hundred and eight feet by two hundred and ten feet. The entire area covered is five hundred and fifty-eight thousand four hundred and forty square feet, or nearly thirteen acres, and the floor space afforded is about fourteen acres. The chief portion of the building is one story in height, the main cornice upon the outside being forty feet from the ground, and the interior height to the top of the ventilators in the avenues seventy feet, and in the aisles forty feet. To break the long lines of the avenues were represented by the sterior projections have been in assessory seet. To break the long lines of the exterior, projections have been in-troduced upon the four sides, and the main entrances are furnished with racades extending to seventy-eight feet racases extending to seven y eight feet in height. The eastern entrance is the principal approach from railways and from the main exhibition building. Along the southern side are placed the boiler houses, and such other buildings for special kinds of machinery as may be

required.
The plan of the machinery building shows two main avenues ninety feet with a central aisle between an aisle on either side, these being sixty feet in width. These avenues and aisles together have three hundred and sixty feet width, and each of them is one thousand three hundred and sixty teet long. At the center of the building there is a transept ninety feet in width, which at the south end is prolonged beyond the building. This extended transcpt, be-ginning at thirty feet from the building and extending to two bundred and eight feet, is flanked on either side by aisles sixty feet wide, and forms an annex for hydraulic machines. are: In the avenue fifteen feet wide, in aisles ten feet, and in the transept twenty-five feet. The walks extending across the building are all ten feet wide. and lead at either end to exit doors.

The foundations of this building are piers of masonry, the superstructure consisting of solid timber columns supporting

support respectively the ninety-feet roof-spans over the avenues at a height of forty feet, and the sixty feet roof-spans over the aisles at a height of height of the spans over the aisles at a height of spans over the aisles at a height of twenty feet. The outer walls are built of masonry to a height of five feet, and above that are composed of glazed sash between the columns. Portions of these sashes are moveable for ventilation, and Louvre ventilators are introduced in continuous lengths over both the avenues and the aisles. The building is entirely lighted by side light from the north and south. Space in machinery hall has been allotted as follows:

	hall has been allotted as follows:	
f	Square	e fee
r	Great Britain	15,72
1	Germany	1,0
в	France	1,2
	Belgium	9,37
1	Brazil	4,00
	Austria	1,58
9	Sweden	3,16
1	Canada	4,30
-	Spain	2,44
e	Russia	1,04
	Denmark	58
6	Chili	40
t	Norway	36
	The United States occupies three	hui

dred thousand square feet.

This machinery building has very superior facilities for shafting and double lines are introduced into each avenue and aisle at a height of about twenty feet. A Corliss steam engine of one thousand four hundred horse-power drives the main shafting. There are also to be counter-lines of shafting in the aisles and special steam power furnished where necessary. Steam power is to be furnished free to exhibitors. In the annex for hydraulic machines there is a tank sixty feet by one hundred and sixty feet, with ten feet depth of water. It is intended to exibit all sorts of hydraulic machinery in full operation, and at the southern end of the tank there is a wa-ter-fall thirty-five feet high by forty feet wide, supplied from the tank by the pumps on exhibition. There will probably be a larger exhibition at Philadelphia of processes of manufacture than at any previous exhibition.

The applications for space have been so appropriate the addition of

relieved by bronze panels, displaying the coats of arms of all the states and territories. The United States coat of arms is in the center of the main frieze. The dome is of glass and iron, of unique design. While Columbia rises at the top, a colossal figure stands at each corner of the base of the dome, typifying the four quarters of the globe.

In each pavilion there is a large win. The ancient bell, formerly used for the clock is remarkable for its prophetic. In each pavilion there is a large win-

dow, twelve and one-half feet by thirty-four feet. There are altogether eight of tour feet. There are altogether eight of these windows, used for the display of stained glass paintings, etc. The arcades designed to screen the long walls of the galleries each consist of five groined arches, and form promenades looking outward over the grounds and inward over gardens extending back to the main wall of the building. These garden plets are each ninety feet by thirty-six feet, ornamented in the center with fountains, and intended to display statuary. The and intended to display statuary. The arcades are highly ornanented, and the balustrades of them and of the stairways are also designed for statuary. The walls of the east and west sides of the structure display the pavilions and the walls of the picture galleries, and are relieved by niches designed for statues. The frieze is richly ornamented, and above it the central dome shows to great advantage. The rear or north front of the building is of the same general character as the main front, but, in place of the arcade, has a series of arched windows, twelve in number, with the entrance in the center. Between the pavilions is the grand balcony, a promenade two hundred and seventy-five feet enade two hundred and seventy-live let-long and forty-five feet wide, elevated forty feet above the ground, and over-looking to the northward the beautiful grounds of the park. On each front of the buildings the entrances open into halls eighty-two feet long, sixty feet wide and fifty-three feet high, decorated in modern renaissance. These, in turn in modern renaissance. These, in turn, open into the center hall, eighty-three feet square, the ceiling rising over eighty feet in height. From the east and west sides of this center hall extend the galleries, each ninety-eight feet long, fort-eight feet wide and thirty-five feet high

These galleries admit of temporary di The applications for space have been so numerous as to require the addition of three annexes, covering two and one-half acres, while numerous private exhibitors have put up buildings for their capable of comfortably accommodating



ARKANSAS

own use. The machinery hall proper contains above one thousand two hundred American exhibitors, having an average space of two hundred and seventy square feet each—a more compact arrangementhan has been accomplished previously since at Vienna there were nine hundred and fifty-nine exhibitors of machinery with an average floor space of three hundred and three square feet.

## The Art Gallery.

The most imposing and ornate of all the structures is memorial hall, built at a cost of \$1,500,000, by the state of Pennsylvania and the city of Philadelphia. This is placed at the disposal of the centennial commission, to be used during the exhibition as an art gallery, the which it is desired to make it the after which it is designed to make it the receptacle of an industrial and art collection similar to the famous south Kensington museum, at London. It stands on a line parallel with, and a short dis-tance northward of, the main building, and is in a commanding position, looking southward across the Schuylkill over Philadelphia. It stands upon a terrace one hundred and twenty-two feet above the level of the Schuylkill. Being de signed for an absolutely fireproof struc-ture, nothing combustible has been used. The design is modern Renaissance. It The design is modern Renaissance. It covers an acre and a half, and is three hundred and sixty-five feet long, two hundred and ten feet wide, and fifty-nine feet high, over a spacious basement twelve feet high. A dome, rising one hundred feet above the ground, surmounts the center, capped by a colossal ball, from which rises the figure of Columbia. The main front of this building looks southward displaying a main ing looks southward, displaying a main entrance in the center consisting of three each end, and two arcades connecting the pavilions with the center. trance is seventy feet wide, to which there is a rise of thirteen steps. Each of the huge doorways is forty feet high and fifteen feet wide, opening into a hall. Between the arches of the door-

eight thousand persons. This is nearly twice the dimensions of the largest hall in the United States. From the gal-leries doorways open into two smaller galleries, eighty-nine feet long and twenty-eight feet wide. These open north and south into private apartments connecting with the pavilion-rooms, and forming two side galleries two hundred and ten feet long. Along the whole length of the north side of the main galleries and central hall extends a cor-ridor fourteen feet high, opening on its north line into a series of private rooms twenty-three in number designed for studies and smaller exhibition rooms. All the galleries and the central hall are and the gameries and the central nail are lighted from above; the pavilion and studios from the sides. The pavilions and central hall are designed especially for the exhibition of sculpture. This fine building gives seventy-five thousand square feet of wall space for paintings, and twenty thousand square feet of floor space for statues, etc. The skylights throughout are double, the upper being of clear glass and the under of ground

Great as is the space afforded in the memorial hall, the applications from American and foreign artists have proved so greatly in excess of its capacity require the erection of a much more spacious building. This, only of brick harmonizes architecturally with the me morial hall, and it is to be permanent. It stands just in the rear of the original art gallery and communicates with it It affords sixty thousand square feet o wall space available for paintings, and contains twenty-four galleries, each forty feet square, besides two galleries, each one hundred feet long by forty feet wide, and two transverse central corridors, twenty feet wide.

## Independence Hall.

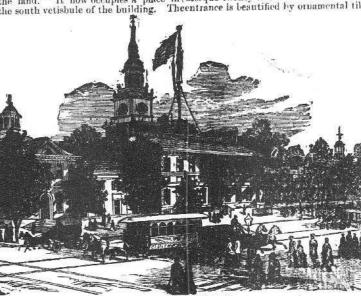
The hall of the independence, on Chestnut street, between Fifth and Sixth, was commenced in 1729, and completed in

mit. The ancient bell, formerly used for the clock, is remarkable for its prophetic inscription. Originally imported from England in 1752, but cracked in its first ringing, it was recast in Philadelphia, and the inscription—"Proclaim liberty throughout the land, and to all the poe-ple thereof"—was placed upon it. This ple thereof"—was placed upon it. This was more than twenty years before the independence of the colonies was dreamed of; yet, when the declaration was signed,

orth from agricultural building. These ravines are spanned by ornamental bridges five hundred feet long and sixty feet wide, for convenience of access. Carriage roads, a railway, and foot walks, pass over them. The horticultural building is designed in the Moresque style of architecture of the twelfth century, the architecture of the twellth century, the chief materials externally being iron and glass, supported by fine marble and brick work. The building is three hundred and eighty-three feet long, one hundred and ninety-three feet wide, and seventy-two feet high to the top of the lantern. The main floor is occupied by the central convergence, two hundred and this. tral conservatory, two hundred and thir-ty feet by eighty feet, and fifty five feet high, surmounted by a lautern one hun-dred and seventy feet long, twenty feet wide, and fourteen feet high. Running entirely around this conservatory, at a beight of twenty feet from the floor, is a gallery five feet wide.

for the propagation of young plants, each of them one hundred feet by thirty feet, and covered by curved roofs of iron and glass, which, appearing upon the exterior of the building, present a very fine feature. A vestibble thirty feet square separates the two forcing houses on each side, and there are similar vestibules at the center of the east and west ends, on either side of which are apartments for reception rooms, offices, etc Orna-mental stairways lead from those vestibules to the internal galleries of the conservatory, as well as four external gal-leries, each one hundred feet long and ten feet wide, which surmount the roofs of the forcing houses. These external galleries are connected with a grand promenade, formed by the roofs of the rooms on the lower floor, giving a superficial area of about seventeen thousand search search feet.

The cast and west entrances to the horticultural building are approached by flights of blue marble steps, from terof; yet, when the declaration was signed, this very belt was the first, by its merry peal, to "proclaim liberty throughout center of each of which stands an open the land." It now occupies a place in kiosque twenty feet in diameter. Each the south vetisbule of the building. Theentrance is beautified by ornamental tile



INDEPENDENCE HALL

Declaration of Independence was signed in the chamber on the left of the principal entrance. Some years since the antique architectural decorations and furniture of this room were removed, and their places supplied with new furniture and tapestry in modern style. This error has since been repaired, as far as possible, by restoring the hall to its ancient appearance. The portraits of nearly every one of the signers now adorn the walls. Open daily.

The Agricultural Building stands north of the horticultural building, and even the first place is an extensive series of stands north of the horticultural building, plot there is an extensive series of

tands north of the horticultural building. being separated from it by a romantic ravine, and has a commanding view of the Schuylkill river and the northwestern suburbs of Philadelphia beyond. This commodated. This necessitates special signs for as he looks at his worn-out whip-buildings for the collective exhibits of England carries off the palm in pot

inclosure, an eligibly located stockyard, vided for the display of live stock, which will be exhibited in a series of shows during the months of September, October, and November. Two farms, moreover, of about fifty acres each, have been not shown as the property of the series of shows the series of shows are sach, have been not shown as the perfection attainable by the carpenter's art, and Belgium takes pride in the representation, in carved wood, of Scriptural and other religious subjects, one of its cabinets having a series of the series of twenty two acres in extent, has been pro-vided for the display of live stock, which over, of about fifty acres each, have been nets having a series of niches extending suitably planted for the trials of agricularound it and containing groups of wooden tural machinery.

## Horticultural Building.

The city of Philadelphia made a liberal agrant of money to provide for the horti-up their plates and bars of wrought iron

On the north and south sides of this principal room are four forcing houses sand square feet.

plot there is an extensive series

## Who Shall Take the Palm.

of materials, mainly wood and glass, and consists of a long nave crossed by three transepts, each being composed of truss-arches of Gothic form. The nave is eight hundred and twenty feet long by one artistic furniture of rare wood inleid It is hard to tell what nation makes hundred and twenty feet long by one artistic furniture of rare wood, indihundred and twenty-five feet in width, with a height of seventy-five feet from the floor to the point of the arch, the central transept one hundred feet wide and seventy-five feet high, and the two end transepts eighty feet wide and seventy feet high. Its interior appearance resembles that of a great cathedral, and in looking from transept to transept, the vista is extremely imposing. A portion with the bony, ivory and silver, executed in the ancient Arabic style, and people think that nothing in the main building transept to transept, the sembles that of a great cathedral, and in looking from transept to transept, the vista is extremely imposing. A portion looking from transept to transept, the vista is extremely imposing. A portion of this building is supplied with steam power for the use of agricultural machinery. The four courts inclosed by the nave and transepts, and also the four spaces at the corners of the building, work, in the shape of half a dozen imhaving the nave and end transepts for two of their sides, are roofed, and form a valuable space for a whilst. The ground of a solid mass of granite Chill builds valuable space for exhibits. The ground of a solid mass of granite. Chili builds plan of the building is parallelogram five the most picturesque pagoda and Spain hundred and forty feet by eight hundred and twenty feet, covering about ten and China and Japan contend with each other transfers. one-quarter acres. Sixteen foreign na-tions have space in this building, and in of bamboo architecture, and to paint on the one hundred and forty-seven thousands five hundred and seventy-two caddie style, the ugliest old grannies square feet which remain, more than one thousand American exhibitors are actives and queues that many a cabby Jehu

their natural resources provided by the tery; Germany in showcases, toys and different states.

The different states alone in fancy articles; France stands alone in different states.

In addition to the grounds within the the matter of wines, fine groceries and France stands alone in notions in the clothing line; Sweden de-fies competition in exhibiting the perfecstatuary representing the marriage of Joseph and Mary, the annunciation, Mary's visit to her cousin, St. Eliza-

beth, the flight into Egypt, etc



MAIN EXHIBITION BUILDING.

cultural department of the exhibition an extremely ornate and commodious building, which is designed to remain in fishing boat; even the ratlines are of permanence as an ernament of Fairmount Park. This structure is located on a terrace bordering on the Schuylkill extremely as though the latter were male river a short distance posts of properties of the properties of th river, a short distance north of memorial hall, and has a commanding view of the Schuylkill river valley and the northwestern portions of Philadelphia. Roenlivened by well executed paintings of the solution of the former is enlivened by well executed paintings of the solution of the former is enlivened by well executed paintings of the solution of the former is enlivened by well executed paintings of the solution of the solu commenced in 1729, and completed in mantic ravines running down to the picturersque scenery in that romantic 1734, having been designed for the use of the provincial assemblies; and the long the south from memorial hall and on the tions of Christiana, Oskarshal and Bergen.