NEW BUILDINGS OF PROMINENCE IN NEW YORK CITY.

[SEE FRONTISPIECE.]

in its architecture, most assuredly a glance around our own tion during its erection. It is from the pencil of Mr. Fern- broken by a triple window with carved pilasters and delicate city will show a degree of progress within the last five bach, who, however, did not live to see it completed, and it carved panels above and below. Above the bays are two years unrivaled by almost any city in the world; a view is one of the very few buildings of its style in New York, more large dormers of somewhat similar design as on the our readers. It will also reveal several facts in regard to but two stories with attic in the steep roof, and consists of amount of honest, unbroken wall surface, which gives the the increasing value of real estate, and a corresponding five sections, divided by pilasters on the first story, small building breadth and character, notwithstanding the unusual change in the methods of erection.

an absence of five years, the tremendous size and height of Tennessee marble slab with the name in gilt, and capped up every surface by unmeaning panels or windows. many recent buildings would be a surprise, and a ride on the ment in regard to the progress and, we may say also, the prosperity of the city.

In the vicinity of Central Park, and most beautifully situ- any way harmonize with the building; rather detract from ated, are two buildings that from their excessive size and the general appearance by their cheapness. height force themselves upon the view from almost any point north of 59th Street. The style of the two buildings portion of the city, where we find a magnificent structure is in marked contrast, and forms an interesting study of that on Nassau Street now nearly completed, and the property comparatively new class of building with us, the apartment of the Mutual Life Insurance Co. Mr. Clinton has here flats.

The Dakota flats, 8th Avenue between 72d and 73d Streets, from the hand of Mr. Hardenberg, is a large nine story build-, cramped streets, so that much of its beauty is lost to the spinners may be left out of consideration. All the cotton ing, in buff brick, with quoins, jambs, bays, and cornices in eye. The building takes in the whole square upon which produced went into consumption with the exception of a Ohio stone, the details being in the style of the Renaissance, | the old post office stood, and the facade on Nassau Street is and in plan consisting of a large central court with its sur- divided into three distinct bays, the central one breaking previous years show similar results, the first portion of the rounding buildings, the rooms being on a magnificent scale, back a couple of feet, and occupied in part by the entrance theory advanced may be assumed to be correct. and most sumptuously furnished.

one on 8th Avenue covered by a hipped roof, and that on and solidity to the whole structure. Above, a light sand-72d Street by a gable, while the two flanking portions are stone is used, and the second order is formed by square nected by an arched balcony, most happily designed. Above support a cornice breaking around the whole building. the second story is an ornamental band with moulded belt Above this cornice starts the happiest feature of the buildcourse above, whose beauty, however, it must be said, is ing, consisting of simple flat pilasters with carved capitals marred by being continually broken into by the arches of and arched heads, inclosing four stories in height. the windows. Above the sixth story is the cornice, in design of the Chateau de Blois order, while above is the steep mented balustrade above, but entirely lost to view, owing roof broken by numerous dormers and bay turrets. The to the tremendous height and the narrowness of the street. entrance is on 72d Street, and although it runs through the Perhaps the finest feature is the porch, running two stories two lower stories, and is profusely ornamented, from a criti- in height, and consisting on the first story of square pilascal point of view its two arches interfere with each other, ters covered with Renaissance carving, and flanked by a coland detract in some degree from the dignity of a feature umn in alternate courses of polished and fluted granite. which so massive a huilding seems to demand.

building is to strip it of its ornamentation, and mark the re- the city. Mr. Clinton has been criticised as building an arsult of its mass. In this case most certainly the result chitectural folly, because of the relation of the new buildwould not be disappointing, for the several parts are simple ing to its surroundings. But this is evidently unfair, since, in mass, possessed of a quiet dignity, and the disposition of were any such rule followed out, our architecture would bethe roofs well composed. We cannot help feeling, how-come a mere adaptation of a building to its surrounding give an increase of 2,478,200 bales. It has already been said ever, that the color of the material detracts from this dignity | buildings, be they high or low, good, bad, or indifferent, inin no small degree.

Avenue, and approach the large group of buildings known ignoring just such absurd criticism, and placing on his site as the Navarro flats, between 58th and 59th Streets and 7th a building that stands head and shoulders above its neigh-Avenue, composed of red brick and trimmed with brown bors in reality as well as architectural worth. The drawing stone. The buildings are eight in number, are known as which we have made of the building: is taken from a lithothe Madrid, Cordova, Grenada, Valencia, Lisbon, Barcelona, Saragossa, and Tolosa, occupy a plot 201 by 425 feet, and are the work of Messrs. Hubert & Piersson. As will be surmised from their names, the buildings are in the Moorish has recently placed upon one of its most important sites the consumption to bring up its total to 2,613,000 bales, and the style of architecture, and are by far the most important of building known as the Produce Exchange, a large building result is that within a year or two, or it may at the outside their class in the city.

this case are to be turned into gardens for the exclusive use and a repetition of a single well designed feature. The first, quires no stretch of the imagination to see that in five years' of the occupants. By a duplex system of floors some of the story is broken by massive brick piers, inclosing an iron time 15,000,000 bales will be required for manufacturing flats are in two stories; all the rooms are open to the ex- framed window of ornamented mullions and transoms, and purposes. It is not intended in this article, says The Texterior light and air, are large and numerous, and furnished supporting a heavy frieze and cornice, upon which starts tile Record, to discuss the source of supply, but simply to with every possible luxury. A most pleasing and effective the second order of pilasters, of brick, with noble round show an enormous increase in the future in the demand for feature is the arched balconies on the third, fifth, and arches of brick and terra cotta, the spandrels being filled cotton. All calculations respecting the output are liable to seventh stories, which, although they connect the buildings, with ornamented terra cotta panels, from which spring the miscarry, but in those above named it may confidently be yet leave them open on the side to light and air, besides beads of different animals in strong relief. Above these, assumed that they underestimate probable requirements, and giving them a spacious covered balcony, which we venture inclosed between the frieze necking and the main cornice, is do not err on the side of exaggeration. to predict will be a most welcome retreat in summer. From a row of nearly square windows, while above is an added an exterior view, the corners are flanked by circular oriels, running from the pavement to the roof, a height of nine an afterthought or an addition. In the center of the facades stories.

The first and second story in each building is in rock face

buildings form a most interesting group, and their location

cannot be excelled in the city of New York. In the center of the activity of Twenty-third Street is the

by a curved pediment, while the two side sections have the doors are at present temporary only, as they do not in

Another jaunt toward the Battery brings us to the busiest worked under the embarrassing condition of narrow and porch. The first story and a half is built up with granite

Still above the main cornice is another story, with orna-Above are still other square shafts, with two polished gran-It is an axiom as old as the Greeks, that the true test of a ite columns. It is perhaps the most magnificent porch in This feeling is strengthened, too, as we walk down 8th and we may thank the architect in the present instance for bead per annum. graph published by Root & Tinker, of this city.

> story of arched windows, but giving one the impression of are the triple entrances, with polished marble columns pro-

jecting from the face of the building, and backed by massive for the use of sawdust instead of sand in plastering compostone, with thin alternate tooled bands of the same material, arches. The huge tower is unseen from Broadway, but it sitions, and this, it is conceived, may be a matter of cona treatment that is most beautiful in effect; but it is ex- forms a conspicuous landmark to the south, and can be seen siderable importance to the owners of sawmills in the

Best of all is the extreme simplicity of the main double windows, repeated in the three stories of the main building, and ending in a dormer of exquisite design. On the side little building known as the Eden Musee, in the style of the 'are three bays, one a hanging oriel window, supported upon If, as it has been said, the progress of a nation is written French Renaissance, that has attracted considerable atten- an enriched and moulded corbel, while the bay itself is then of some of its structures will not be uninteresting to although common to almost every avenue in Paris. It is front. A noticeable feature in Mr. Hunt's design is the large caryatides on the second story, and is rather overloaded with ; amount of enrichment, and this fact is the more marked be-To the outsider, who should visit our city to-day after detail and ornamentation. Over the central bay is a polished cause of the almost universal mania of architects to break

The buildings of which we have thus made slight mention elevated railroad from the Battery to 159th Street, on the three small windows over the entrances and a pediment are but a half dozen of the hundreds that are springing up west side, would convince him of the truth of our first state- dormer above. A rather slight bronze grill ornaments the all over New York, that are beautifying our streets, and central section on the first story, and it is supposable that bidding fair to make the city the architectural center of the country.

The Future Consumption of Cotton.

It appears from the statistics of W. John Basilie, who has patiently investigated the subject, that the total production of cotton last year amounted to 9,410,000 bales. The quantity consumed may be thus approximately reckoned: America, given New York a notable and worthy building, but has 2,238,000 bales; England, 3,666,000 bales; European Continent, 3,120,000 bales. The consumption of cotton by Indian trifling balance of about 386,000 bales, and, as the records of

Now let these figures be analyzed so that data may be ob-Each elevation shows three distinct features, the central piers slightly rusticated, and gives an appearance of strength tained as to the probable future consumption of cotton. The consumption of cotton in England for cotton goods exported is 2.534.760 bales, and the consumption of cotton goods in also in each case covered by gables; and each in turn is con- pilasters of small height in proportion to their width, which Great Britain is 1,131,240 bales, this latter quantity being equal to 12 bounds of cotton per annum for each person. The consumption of cotton goods sent from England to the East Indies averages 'annually 1,737,000,000 yards, equal to 134 pounds of cotton per head; and to China and Japan 443,000,000 yards, or 4 ounces of cotton per head. The consumption of cotton in Europe for cotton goods imported is 620,000 bales, and the cotton consumed on that continent for cotton goods there manufactured is 2,500,000 bales, equal to 6 pounds of cotton per head. The consumption of cotton in the United States for cotton goods exported is 1,403,000 bales, and the cotton consumed for cotton goods manufactured for home use is 835,000 bales, equal to 6 pounds per head. Taking past experience into consideration in conjunction with last year's consumption, it is underestimating future consumption to assume that within the next three years the requirements of the East Indies, China, and Japan will rise to 2½ pounds of cotton per head, which will that the consumption of cotton in Great Britain is 12 pounds stead of standing on its own merit as an architectural work; per head per annum, and on the Continent 6 pounds per

Ignore any increase in the consumption of Great Britain, but allow the European consumption to increase from 6 pounds to 8 pounds per head, which is a moderate computation, seeing how the consumption has grown during the last decade, and in two or three years there will be from Battery Park has long been regarded as a most desirable | Europe alone an increased demand for cotton amounting to location for a building of large proportions, and Mr. Post 1,250,000 bales. Then allow an increase in the American covering a whole square, and in brick and terra cotta. Un. be three years, there will be required by cloth manufacturers In plan they consist also of large central courts, which in like many of our large structures it is very simple in design, 13,127,200 bales of cotton for the year's work, and it re-

Sawdust in Plastering.

Two Western inventors have recently obtained patents principal lumbering towns. One of the patents is for the

tremely doubtful if the change in the color of the stone in far away at sea.

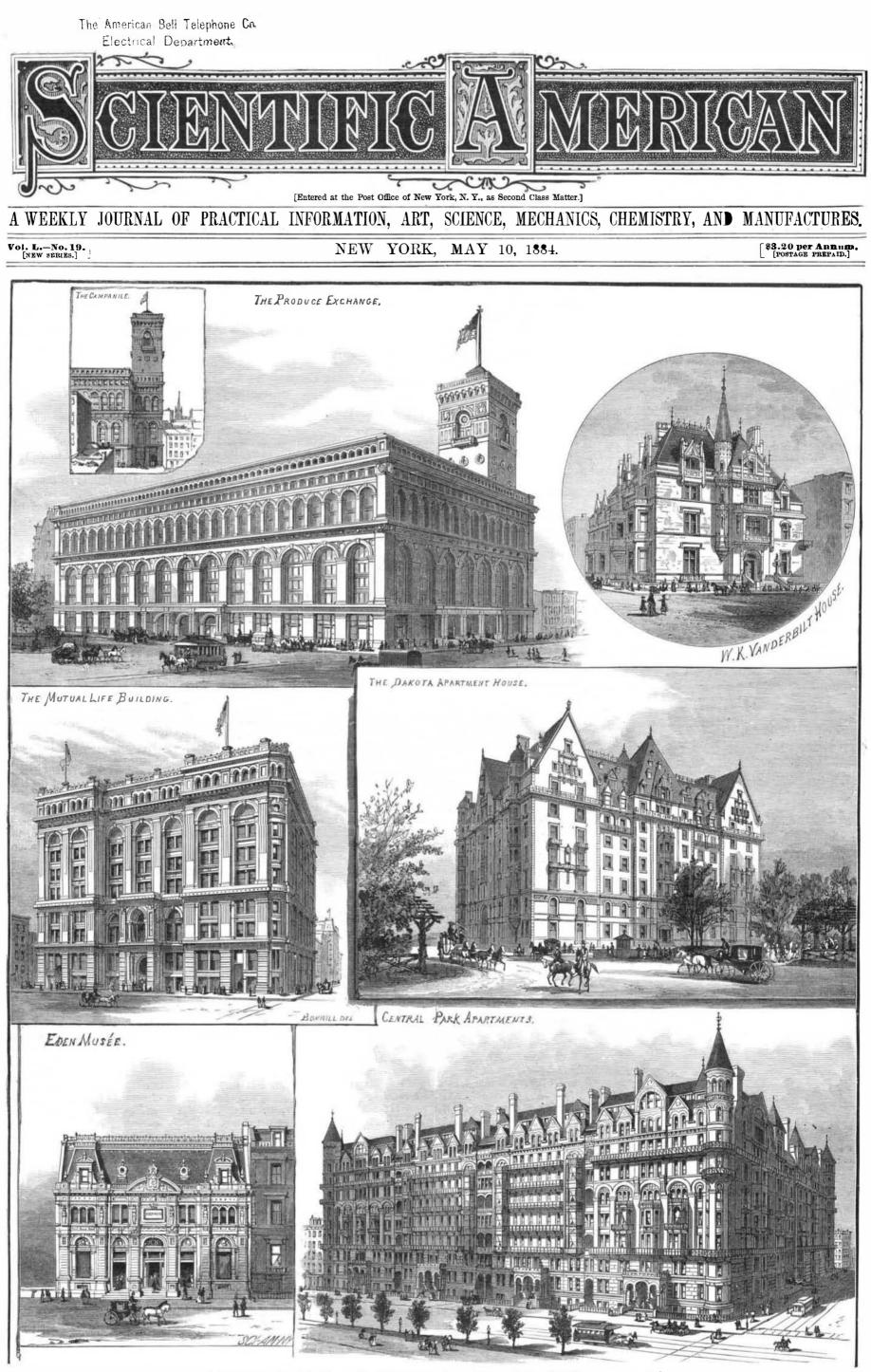
each building does not detract from the general appearance. Above the second story to the cornice is brick work, relieved by diaper work, and the whole surmounted by a low roof, very much broken up, and the most unsatisfactory part of the whole work. The glory of the Dakota is most certainly the faulty feature in the Navarro.

The effect of the buildings will be best seen by standing at as great a distance as possible, and noting the very picturesque sky lines, which are emphasized by the chimneys and oriels with good effect.

The two central buildings on Fifty-eighth and Fifty-ninth Streets. when completed, will form by far the finest group on either street, being most simple in form and detail, consisting of two simple and graceful columnated entrances, four flanking bays in iron work of Moorish design, and the the angle of the entrance is quartered a small circular stair. ing sawdust in place of sand in mortar is worth trying, for central portions broken at regular intervals by window, way, with profuse exterior ornamentation, and capped by a in many places sharp sand suitable for the purpose is diffiopenings, giving an effect most quiet and restful. These veritable "extinguisher top" roof.

As an example of the recent domestic architecture of our use of nearly equal parts of plaster of Paris or cement and city, perhaps no buildings have attracted such general atten- sawdust, with the ordinary amount of plastering hair and tion as the Vanderbilt mansions on Fifth Avenue. By far the water; the other calls for the use of about 41% pounds each finest of them is the studied work of Mr. Hunt, on the cor- of slaked lime and sawdust to 1 pound of plaster of Paris, a ner of 52d Street, and reminding one strongly of the old quarter of a pound of glue, and a sixteenth of a pound of French chateaux in the departments of Indre-et-Loire. glycerine, with plasterer's hair. Whether or not either of Could it have been surrounded by trees, away from the whirl these described plasters would be cheaper than those made of Fifth Avenue, and its area filled with water, after the in the ordinary way, they would certainly be lighter, and it fashion of a moat, we should verily have had a small Cham- is believed that they would better adhere to the walls, and bord, a Chenonceaux, or an Azay-le-Rideau. The arched not be so liable to chip, scale, and crack. Sifted sawdust

entrance is broad, highly omamented, and surrounded by a has before been used to some extent by experienced workbalcony whose sides are enriched by most delicate carving. | men for mixing with mortar for plastering external walls, Above is a beautifully proportioned triple window, over exposed to the alternate action of water and frost, as a prewhich runs the cornice with its hipped roof and dormer. In ventive of scaling. Certainly the experiment of introduccult to obtain.



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