## SCHOOL OF PRACTICAL INDUSTRY WANTED.

SINCE the Paris Exposition of last year, which afforded the nations of the contract of the con forded the nations of the world such excellent

no jordend the nations of the world such excellent opportunities of comparing progress in the industrial arts and sciences, the advantages of a system of public education that shall include instruction in those practical industries on which a country depends for the development of its material resources and the excellence of its manufactures, has been folt throughout Europe. In England, much interest is manifested in establishment of schools, where young men can receive instruction in the theory and practice of some industrial arms actience. The greater excellence of the strain of the superior skill of European artisans din a strain and the superior skill of European artisans din a little the superior skill of European artisans din a little superior skill of European artisans din a little superior skill of European artisans din a little superior skill of European artisans din fact, so galling to make any price, awakened an interest: in England in the establishment of public schools, where young men can be ditted for some industrial pursuit. Mr. Whitworth an institution, and the popular appreciation of both the giver and the gift, show the importance which the English people attach to practical education in mechanic arts.

In this country the necessity for such schools is even greater than in England. We have comparatively few native American mechanics and, as a class, they are inferior workmen to those of Great Britain. An acuteness of perception and a natural inventive talent similar to the strain of t

men.
Few cities offer better facilities than New York for Few cities offer better facilities than New York for the establishment of such a school as we have suggested, and no corporation could undertake the work as readily as our Board of Education. An experiment might be made in the College of New York, and thoroughly tested in some one branch of industrial instruction. As an institution of classical learning, it never has and never will be of any importance; and it, instead of cherishing the delusion that, by changing its name it became anything mo e than a very ordinary academy, the board would allow something of practical importance to be taught it would be far better in all respects. Suppose, for instance, a class for the study of architecture and building were added as

an experiment Competent instructors could readily be obtained, and, in addition to thorough theoretical an experiment Competent instructors could readily be obtained, and, in addition to thorough theoretical instruction, the new school houses being built by the bosrd, and the hundreds of structures of all kinds going up in various parts of the city, would afford ample opportunities for practical study. Advanced pupils might be set to work on the new school houses, or allowed to design ornaments and plan needed alterations and improvements in the old buildings now occupied as schools in some of the lower wards. A few months of such study after acquiring a knowledge of first principles would teach a young man more than he could learn in as many years as an apprentice, and enable him to enter the business with a thorough understanding of what he was to do and how to do it. If this class prove a success, one might be established in mechanical engineering, and practical instruction in the principles of machinery given at comparatively small cost. Experiments might also be made in the various industrial branches of art, for which manufacturers now send agents abroad to employ German and French workmen on the most liberal terms. If something of this kind was undertaken, we should see one or more classes of intelligent and educated mechanics graduated each year; and our college, which now claims to be neither the one thing nor the other, would be of some practical benefit to the public by which it is supported —N. Y. Bulletin.

## THE UNPOPULARITY OF PRODUCTION.

R. WELLS, the Revenue Commissioner, has, we

intestigations into the condition of American industry by the rapid decline in the quality of the skilled labor of the United States, than by almost any other fact: the cause being partly the eageness of the better sort of young m n to get into commerce. or some kind of employment in which the labor is clerical, or at all events is not in the strict sense of the tendency of at all events is not in the strict sense of the tendency of at all events is not in the strict sense of the tendency of young men to submit to any course of training any hardward and has served out his full thin in any hardward and has also and the fact that it is not apprentice who has served out his full thin in any hardward and hardward and hardward and hardward and hardward and hardward and hardward hardward and hardward and hardward har

type of religious and mors! feeling, have maile most of the "haunts of industry" so disagreeable that the American mechanic, as he used to be known forty years ago, and as essayists and "magazinista" still write about him, is gradually disappearing, at least in the East. He has gone in battalions from New England, and is getting to be rarer and rarer everywhere, except in the character of a 'bo-s." In spite of all he hears about the equality of men, the dignity of lahor, he feels that he loses caste by working side by side with the common run of Irish and Germans, hearing them swear, seeing their "mille" and their sprees, and sharing their seclusion from the moral and intellectual life of the community in which he has been born and bard. So he is seeking new seats in the small rising towns of the far West, where he can preserve his individuality and his self-respect and his social position, and bring his children up away from the lumoral influence of the great workshops.

Much the same causes are producing the same effects on farm labor. Into this field of industry, Europe has pured an immense host of its poorer classes, and the native American is convequently eager, and every year more eager, to escape from it, and the readlest way of escape is by taking some kind of trade or clerk work. Moreover, the city population has become of late years such a very prominent element in American society, and has departed so far from the country standard of living; so many adventurers revisit every year "the old homestead," transformed in habit in appearance and in power of enjyment, in a way unknown to the last generation that the country magination is naturally dazzled to an insupportable degree. It is not in human nature for a farm boy to I we contentedly, and be satisfied with the dignity of husbandry, when he knows a lad who left the next farm a few short years before is living on the fat of the land in Fifth Avenue, or that another whom he remembers as a pediar in a small way has became a first-class speculator, and i

worth of dry goods in a year or make "a corner"

ten years later to sell five hundred thousand dollars' worth of dry goods in a year or make "a corner" in Erie.

Education, too, has got somewhat ahead of the material civilization of the country. This is particularly true as regards the girls The common schools now supply a degree or culture and a kind of taste to the minds of the youth of both sexes, for the gratification of which neither the steam engine, nor the telegraph, nor the lightning press, has yet made adequate provision. Girls are now taught in a way even in the common schools, which would go far to fit them for 'receiving'' wits and beauties in New York or Boston, but which does a good deal to disqualify them for the only position which in the present state of our civilization they are likely to hold, those of farmers' or mechanics' wives; hence the bad bread, the poor health, the small families, and the tremendous consumption of popular magazines and thrilling serial tales, and cheap pianos, and the enormous competition amongst female teachers. The young men are in a somewhat similar position, but, having more physical vigor, resist better. They do not become invalids, but they go clerking, trading, brokering, preaching, practising law, or doctoring, anything, in short, but producing by labor of the hands. There are probably few kinds of labor on which the spread of education has told more unfavorably, strange to say, than farm labor. The life of the farmer is solltary in the extreme, and the spread of books and periodicals, instead of reconciling him to the solitude, is making it intolerable to him. The growth of intellectual tastes and intereste, and the knowledge of the outside world and its ways, which come with reading, and with the facility of locomotion, develop the s-cial instinct, and with it a love of change and of movement, which makes the 'home-lytoil and destiny obscure'' of the tiller of the soil more and more repulsive, and suggests the question whether the work of farming will ever be carried on by any class much above the Europea

The Ramie Plant.—The Liverpool correspondent of the New York Shipping and Commercial List, direots attention to the quantities and value of the new vegetable product called Ramie, which is attracting considerable attention in the Southwest. He sends samples of the fibre, and also of the cloth made from it. The fibre is much finer and stronger than the best flax, and, after the cleansing process, is said to become very soft and white, taking colors as readily as the finest wool or silk. The samples of cloth, made entirely from the Ramie, resemble the best grades of peoplin or silk, in their strength, texture and brilliancy. We know too little as yet of the Ramie plant in this country, however, to estimate the effect of its introduction as a branch of agricultural in lustry. It is claimed that it is well adapted to withstand the Southern climate and other influences which have so important an effect on the production of cot on. Should results justify the expectations, this new product may take the place of soiton, in some sections, and thus supply the deficiency in the great staple of the South.