## THE SCRANTON TRIBUNE-SATURDAY, APRIL 12, 1902.



## From the Jeweler's Circular.

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to changes and styles is evident from creased reflection and refraction of the an entirely new form of cutting which light the stone appears to be at least has just been patented in the United States and Europe by one of the largest cutters and importers of diamonds fied so that a white stone looks whiter, m this country. This new form is a yellow, yellower and a blue, bluer; known as the twentieth century cut- while a third property is increased in ting, and differs materially from and "rainbow" tints, due to the increase in is an improvement on, both the round the number of prisms at the edges of and cushion-shaped brilliant, in which the stone. form diamonds have been cut for many centuries.

The present round brilliant was a improvement the cutter had to pay the fact that it is impossible for a considerably in the extra or waste loss regular cutter to cut this form without from the rough stone. The new twen- learning an entirely new method, makes tleth century, is as great an improve- the price so high that it puts them ment over the brilliant as the brilliant out of competition with was over the cushion shape, but there lines. For this reason they are not is a compensating increase both in the handled by the general run of retail cost of the cutting and in the grade of jewelers, but only by those having a the diamond from which it is to be cut, trade that will pay well for exclusive The brilliant, which has been used products. It is, therefore, safe to predict for the past twenty-five years, as is that while the twentleth-century cutwell known, has fifty-six facets; the ting will be appreciated by the trade "table" or round, flat top, thirty-two in general, and by lovers of fine stones facets on the top, and the "culet" or in particular, nevertheless it will not point has twenty-four facets at the interfere with the general trade in bril-The twentieth century cutting liants of the present form, and will not back. has eighty facets and planes, forty of each, and has no "table" or "culet." be seen except on the most perfect and special stones that come into the mar-One of the defects which the inventor found in the brilliant, as now cut, is that the "table" at the top, while reflecting light to some extent, does not scintillate, but leaves a view of the facets and the culet from above. The larger the diamond the larger the

"table," and there is a corresponding difference between the flash of the facets and the dull reflection of the circle at the center.

The newly invented twentieth century cutting scintillates from every point, and increases the brilliancy of the stone by 100 per cent. The inventor who has been an expert in diamonds for many years, has for a long time sought to overcome the lack of scintillation in the "table" of the diamond, and after years of experiment has evolved the present cutting. He went on the principle that nature makes crystals in octagon and octahedron forms, and in cutting he has followed. as much as possible the natural lines ber of trains arriving and leaving has of crystallization.

His patent is essentially on a shape formed of two cones, base to base, each cone made up of planes and triangles Looked at from any direction, the triangles and planes scintillate and flash light at all angles, making it impossible to see within the stone. The refractive and reflective powers of the stones are both increased by the new form, the planes in most cases receiving | trains a day, and the Boston Terminal. fight in the angle of total reflection and flashing it out with full force and without loss. Other peculiar proper- in the former is 23,000,000 and in the ties of the twentieth-century cutting latter 21,000,000.

Van Buren street and the Dearborn, has an average daily record of 1.100 trains. No other American city has so that do not exist in any other form ye many, though when the present pro-That even diamonds may be subject discovered are (1) that through the injects of the Pennsylvania and Long Island railroad systems for a New York terminus are consummated, Chione-third larger than it actually is; (2) cago's supremacy will, of course, cease. for the same reason the color is intensi-ROOSEVELT HAS CHANGED. In the Big Game of Politics He Seems More Calculating.

From the New York Mail and Express Washing Owing to the intensification of color ton Correspondence only the most perfect diamonds, such as river stones, Blue Wesselton, Wes-

not essentially, of course; that were decided improvement on the cushion selton and crystal, can be used with impossible. The characteristic traits the sense of the game, the big, clean shape which preceded it, but for the this cutting; and this, combined with of a strong indivuality endure from game, well worth the playing. The birth to death. Development simply game is politics, but it isn't hasty polialters the relations a man's characteristies bear to one another, so that while stake is the second term. Mr. Roosevelt, is still all there, the difcommercial ference between the president of the United States and the police commissloner of New York city is striking enough to make upon any one who has not known him intimately the impression of a new man. "But where's Teddy?" a fellow call

er at the white house asked me one day as we watched the president move about among his very numerous call- planning to stay, ers. "He's there." I answered Just then a politician caught and held

voice:

the president's hand and began whispering to him. Mr. Roosevelt listened until the man was apparently half

### BIGGEST RAILROAD CENTRES.

Chicago Holds the Record with 1,100

Trains Arriving and Leaving. ter than to ask me to." om the New York Sun

replied, "Yes, that's Teddy all right." Along with the consolidation of railroad interests which has been going The politician, abandoned in the cenon in the United States during the past five years there has been a general consolidation of terminal facilities in dent was greeting other callers with the large cities with a view of serving the vigorous cordiality that became a try under the sun, the convenience of travelers in the habit with him while he was running. At present the convenience of travelers in the large cities with a serving the serving t

for governor of New York. Finally the matter of transfers and changes. Although the railroad business of American citles does not vary in ac- upon him and turned to retreat from singham's Norfolk seat, but as soon as cordance with the population-being the room. The president saw elatively very large for instance in sprang to his side and said in a tone Chicago, St. Louis and Kansas City no less firm, yet more kind:

and relatively small in Philadelphia. "There's a way to do what you want Boston and San Francisco-the comdone. You know what it is. See your petition among cities as to the numsenator and the head of the department; when they have approved, send continued for many years without disme the papers and I'll act."

placing Chicago at the head of the list. There was the president, the new The Union station at St. Louis, the more calculating. Mr. Roosevelt today pioneer union station in the West, handles 8,000,000 passengers in a year, syplaying a bigger game than he ever though the number of trains arriving played before, and he plays the game. That is what people have never given and departing daily does not exceed him credit for doing, yet he has done

Boston has two big union stations, it always. Mr. Roosevelt is a shrewd the North Union, which handles 600 man. From his youth he wanted to be which handles more than 700. The average number of passengers in a year couldn't pay for success, and there study and pursuit, were many things he wanted to be first. I remember asking him when he was a

At the Grand Central station in New York about 550 trains arrive and leave police commissioner what of all things he would like best to be, and his answer came like a sword out of the scabbard; "A colonel of cavalry in a each day, and the total number of passengers who utilize this station is now charge." When he was a cavalry col-All records in respect to railroad onel he wanted to be governor, and when he was governor, to the same trains arriving and departing are broken by the city of Chicago which, question he replied, "Secretary of war at its five chief stations, the Illinois or a colonial governor."

But the presidency loomed always Central, the Northwest, the Union, the thead of him and behind the others. He did not like to entertain the vision He was afraid the wish might defeat tself by breeding vacillation and weakness, so he thrust aside the idea impatiently, angrily, and went headlong after the other things. And these were not arranged in line; they were not the steps foreseen by many a more help-lessly ambitious man. The idealist in Roosevelt made him believe that the

way to the top was by good service. good citizenship. Mr. Roosevelt wants to be elected president. It angers him to hear this and he tries, no doubt, not to harbor Theodore Roosevelt is a changed man, the ambition, not to recognize it even in private. Yet it is there, and with it the sense of the game, the big, clean

ties; it is "bully" big politics, and the

Changed? Yes, in the relations of the traits. Ask Albany, ask them up there how he used torn-up message of his to put through a bill with the votes all against it. They know the man, whether he is ollicking with laughter, fighting in the newspapers or quietly pulling wires. Theodore Roosevelt is an all round man, lucky, but no accident, and he is

200,000 BUTTERFLIES.

#### South Kensington Museum Has the Finest Collection in the World. rom the London Mail.

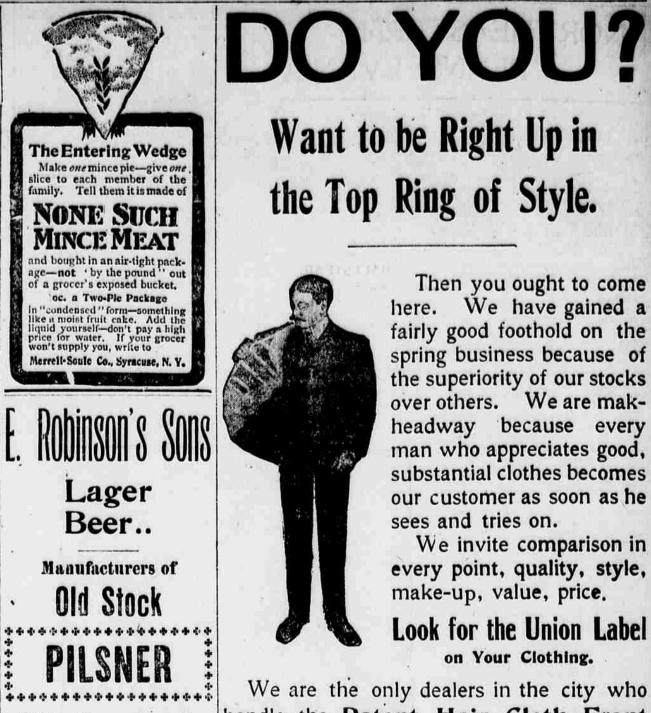
through, then spoke in a clear, loud South Kensington museum will short-"No. I won't do anything of the ly be enriched by the addition to its treasures of the finest collection of butkind, and you should have known betterflies and moths in the world, Lord Walsingham, who is a trustee "There he is." I said, and my friend of the British museum, has made over to the nation his magnificent assorttre of the floor, stood there a moment, ment of microlepidoptera, which for flushed and abashed, while the presi- more than thirty years he has been engaged in acquiring from every coun-

At present the collection, which contains more than 200,000 specimens, politician noted the many smiling eyes encased at Merton Hall, Lord Wal-Scranton, Pa possible it will be placed in its new him. abode, where it will entirely transform the appearance of the insect section, to Old 'Phone, 2331. which butterflies and moths at present ontribute but scantily. New 'Phone, 2935.

The Washington collection is not only the largest, but also the most import-

ant, in a historical sense, in existence, will be able to follow all the recognized It includes among others the famous text books on lepidoptera by reference man: more helpful, more thoughtful, Zeller collection, and also those formed to the actual specimens, in many cases, by Hofmann and Christoph, so that the from which the authorities made their magnitude of the gift can hardly be exobservations and deductions; while the ordinary visitor will be charmed by aggerated.

The specimens embrace many of the the almost countless varieties of Deauoriginals selected as standard types by tiful form and color which the collec various authorities who have written tion comprises. on the subject. Lord Walsingham It has not yet been decided where the museum the collection shall be placed. The room in which the preshimself has issued numerous monoresident. There were prices he grams and papers on this his favorite ent specimens repose is quite inade-The importance of the gift to the quate for the reception of such a large natural history student is obvious. He addition.



# Want to be Right Up in the Top Ring of Style.

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