Causes Which Tend to Raise the Cost Machine Making.

A great and damaging defect was noted at the Paris exposition among the triumphs of mechanical ingenuity and that is without exception that machines of all kinds are too dear, says the London Spectator. In France the masters prefer to sell a few machines dear rather than many at a lower price. Trade union rules in England which restrict the number of hours of work or limit the output show something of the same spirit. Add to this the objection of the master generally to turning out anything but the best work-which is highly creditable, and we find the nucleus of a considerable body of opposition to one of the great and pressing needs of the day.

the financial capacity of modern me- makers consider ornamental, which is chanical manufacturers. The result not practical. Almost the earliest mahas been that while material of most chine in which educated Englishmen kinds remains cheap and becomes took any interest was the sporting cheaper, the machinery to convert it gun. It was long before any respectremains dear and lessens the benefit able gun-maker would condescend to of the cheap raw material. High do what the Belgians of Liege, and wages are the cause most often urg- later the manufacturers of Birminged for the prohibitive price of me- ham, contrived to do, to turn out chanical appliances But this can not a quite serviceable gun for £6 instead be maintained as the reason. The of £40. When a future Gladstone arises Oldham cotton spinners are among the | to revise our system of rating, to remost flourishing workingmen in Eng- adjust burdens, and, where possible land, but the article they manufac- to remove mischievous taxes, he may ture is so inexpensive that the poor- be trusted to give early attention to est and most frugal nations on earth the impost, recent in date, but anbuy it. Recently the natives of parts | tiquated in spirit, which taxes the of central Africa, where cotton is in- machinery which makes machines. digenous, ceased to grow it or to make the cloth. It was cheaper to buy what was made by the highly paid operators of Lancashire. Clearly high wages do not necessarily mean that the article produced

MUST BE DEAR.

The reason for the dearness of machinery clearly lies elsewhere. It is not because there is no demand for it. Mowing machines and sowing machines, mainly for domestic use, might be quoted as instances—though we are far from regarding either as coming up to the standard of really cheap machinery.

There is, in fact, only one machine which is made really cheap, and good -the watch. But the watch is a highly valuable and instructive instance, so by all means let us make the most of it. All the arguments by which manufacturers say you cannot, will not and shall not have a cheap, selfbinding reaper, or a cheap steam digger, or a fifty-guinea autocar, or enfor a launch, shall not cost more than if they were cast in silver, were used against the men who said they could make watches. Fifty years ago a keyless stopwatch, in which the parts of seconds could be measured, and the hands stopped quickly enough to time the flight of a bird, would have cost not less than £30. To-day one can be bought for £1. It is true that the case is gun-metal. But the machine is good enough for use. And it costs one-thirtieth of what it did fifty years ago. That is the kind of thing we mean when we speak of cheap machinery ..

A case in which the same treatment might yield enormous results to-day is that of the self-binding reaper, The first reaping machine cost £70. The most modern self-binder now costs about £35. That is a reduction of onehalf since the invention appeared. Practically every one who farms would buy a reaper, often many reapers, if they were cheap. But the price, considering all things, is simply extravagant. The raw material for them, as for most machinery, is

VERY INEXPENSIVE.

It is wood, iron and steel.

In the ingot and the plank probably the whole could be bought for a sy' was brought to bear upon them. couple of sovereigns. With fifteen times the cost of the material added, it were, it would cost about £8 or supposing a reduction all round to nature of heavy firing from the Eyroone-quarter of the present price, let peans. us say, for farming machinery, or for by brains and organization, as was of defence, was hard pressed, 'Betsy' the reduction in the price of the was taken over and put into operation result! It might mean the re-estab- directions .. lishment of English agriculture and an era of prosperity like that intro-

A contributing cause of the expense of making machinery is the costliness of "the machines which make machines." These are known as "tools," and the makers are "tool-makers." quick-firer, the Italian one-pounder, From £206 to £1,000 is the range of and the Austrian machine-gun. (prices for "tools" on the list of a

All Japan teas are colored.

CEYLON GREEN TEA is pure and uncolored.

prominent firm. The work turned ou is perfect. But there is a great tendency to extravagance of finish in nonessentials in the results.

What is wanted is a tool which can cut steel like wood; and do it cheaply. It is said that at Paris one which fulfilled the first condition was exhibited. It is noted in nearly all machine-making that there is a luxury of finish, a downright wastefulness of The difficulty is evidently beyond strength, polish and even of what the

VOCIFEROUS "BETSY."

Bay at Pekin.

now famous international gun at what wonderful combs and buckles. Pekin, known as "Our Betsy," is pub- And if she chances to lunch next a lished in the London Standard:-

chell, of the United States Legation be surprised at what they eat, while Guard of Marines, proposed to make they laugh and chaff each other like a small cannon out of an old British schoolboys and restlessly put up Legation pump. A number of Chi- their hands to press uncertain combs nese converts, refugees in the British into their loose rolls of fluffy hair. Legation, together with a few mar- They are fine specimens of physical ines, were sent to shops within the health, with firm shoulders and quite 'lines' to find materials and tools astonishing, muscular arms, but they parasites in all of man's blood veswherewith to bring about the neces- are not fascinating, nor does the sels?" sary conversion of the pump. While new alert, commanding manner they were foraging in a deserted charm." blacksmith's shop, they discovered, to their intense joy and surprise, an old cannon of Chinese manufacture, and brought it home, amidst the shouts of the besieged.

"The next trouble was suitable ammunition. When the Russians left their legation in more or less of a panic, they threw some shells they had in their possession into a well to prevent their possibly falling into the hands of the Chinese. These were fished out and adapted, after a lot of skill and ingenuity, to meet the contingency. Other ammunition was made out of pewter candlesticks and temple vessels of every description, looted from a temple within the 'lines.' The manufacture of this ammunition was under the superintendence of one of the British marines.

"' Betsy,' was mounted on an Italian gun carriage; Chinese gunpowder formed the charge; Russian shells were fired, and the American gunner, Mitchell, fired the gun. Unfortunately, on the day before the troops arrived, this very capable gunner was seriously wounded in the arm by a bullet from the enemy's fire.

" Although it was not by any means a formidable weapon, the excessively loud report therefrom usually struck consternation into the hearts of the Chinese soldiers, with the inevitable result that they quitted their position as quickly as possible when 'Bet-

"Possibly they imagined that by some means or other the Legation decan we call this a cheap machine? If fenders had been reinforced by a big battery of artillery, seeing that 'Bet- thy wedded wife?" etc, the old man £10. Yet that would be only a reduc- sy,' was constantly being moved from did not understand a word the clergytion to about one-quarter of the pre- one position to another and during man said, but turned to his intendsent price. The "working" watch has the first days of the siege there was ed and asked: What do he say? rebeen reduced to one-thirtieth. But an entire absence of anything of the ferring to the parson. Whereupon the

"One night, when the French Lelocomotives on roads, effected solely gation, the eastern limit of the lines watch. What a decrease in the labor | there, with the result that the atbills and profit to the farmer would tacking Chinese soon scattered in all

"On the memorable night before the relief force arrived when the Chinese duced by steam and coal sixty years | made their most vigorous attack of all, the defenders had in operation every single gun that could be mustered- Betsy,' the British Nordenfelt quick-firing gun, brought up by the Marine Guard, the American Colt "' Betsy' was so named after Lady

MacDonald. This interesting gun will (probably find a home in the British Legation, although the Americans lay claim to it on the score of its being found by Mitchell and fired by him."

THE MODERN WOMAN.

A Gorgeous Description of Her Self-Pos session and Her Grace.

An observant writer has this to say with reference to the modern wom-

"How young the well-dressed women of 45 or 50 look, how free from care and responsibility. There is no single detached word in our language large enough to express the complex impression made by these straying matrons of high fashion. The immediate sense of wealth, of habitual selfindulgence, of custom to command; the unmistakable expectation of being obsequiously waited upon, which brings a head waiter as surely as familiar whistle calls a dog-all this is intensely amusing, and to the woman devoid of footman and lady's maid she thought: " makes an interesting study. Environment has certainly made grand dames of these ladies, without doubt or controversy. "And the maidens, typical, high-

class young women of the last century, what a strange development they are from the circumstances, the traditions and the opinions of their grandmothers! Straight, athletic and undisturbed by crowds, or pushing, half-discourteous men, how loudly they laugh, how distinctly and freely they talk, of the season, of dress, of the coming wedding, or the last broken engagement. How brown they are, especially their hands, brilliant the International Gun Saved the with dazzling rings, and how rough and unkempt their hair! What cur-This interesting account of the jous, fanciful clothes they wear, and trio of these very independent young "An American gunner, named Mit- girls no elderly woman will fail to

> is Rheumatism of the back. The cause is Uric Acid in the blood. If the kidneys did their work there would be no Urie Acid and no Lumbago. Make the kidneys do their work. The sure, positive and only cure for Lumbago is Kidney

> > HE TOLD HER.

A marriage took place at a little country church, the couple being elderly people. The man was very deaf, so deaf that he could not hear unless someone shouted in his ear. So when the clergyman read the words: "Wilt thou have this woman to be woman shouted into his ear:

He wants to know if you'll ha' me for your wedded wife.

intended and exclaimed:

Why, sartingly, Mary dear; now, didn't I tell ye so the other night? the barkeeper at the time?

Policies May Change, Opinions May Change, but one thing that never changes, that is the quality of

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Poultry, Butter, Eggs and other Produce. If you have any correspond with us. We want IOO CARLOADS to supply our trade.

The Dawson Commission Co, Limited, Toronto.

WHAT HE WAS THINKING ABOUT.

Soon after Singleton's first baby was born Mrs. Singleton went up-There she found her husband stand- legs?" ing by the side of the crib and gazing earnestly at the child. As she stood still for a moment, touched by the sight, the tears filled her eyes, and

Oh, how dearly Charles loves that

Her arms stole softly around his neck, as she rubbed her cheek caressingly against his shoulder. Singleton started-slightly at the touch. Darling, he said, dreamily, voicing his thoughts, it is incomprehensible to me how they can get up such a

crib as that for half a guinea.

Ladies of Canada:-Inter-mutual trade is the true basis of the federation of the Empire. So far as possible, one colony should consume the produce of another.

PRACTICAL PATRIOTISM.

Canadians and India and Ceylon tea ca. About 10 per cent. of the latter planters fought side by side in Afrivolunteered for the war.

The Teas of Ceylon and India are the best and purest the world produces. Already the Black Teas of those colonies have captured the Canadian market The Green is now fast displacing Japan's colored article. Quality and sentiment unite to recommend it. Canadian ladies who drink Japan tea should help the British planter by drinking Ceylon green tish planter by drinking Ceylon green | Sheep and American Hog Casings-reliable goods at tea, Blue Ribbon, Monsoon and Salada | right prices. PARK, BLACKWELL & CO., Toronto. packets are ready for you.

Colonist.

NATURALLY.

"Did you know there are minute

"Say, they must feel as if they had lived in vein."

HER ONE DESIRE.

Rube. Well, Mandy, hyar we be in Anything ye wanter see, partickler?

Mandy. My land! Rube. I jess would love tew go through the money market.

TO CURE A COLD IN ONE DAY Take Laxative Bromo Quinine Tablets. All druggists refund the money if it fails to cure. E. W. Groves' signature is on eachbox. 25c

EASILY EXPLAINED.

The Lady-You've been bringing us pretty blue milk lately.

The Milkman-Of course I have. I don't keep nothin' but blue-blooded

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MRS WINSLOW'S SOOTHING SYRUP has been used by mothers for their children teething. It soothes the child. softens the gums, allays pain, cures wind collect and is the best remedy for diarrhoea, 25c a bottle. Sold by all druggists throughout the world. Be sure and ask for "Mrs. Winslow's Soothing Syrup."

· SPLITTING THE ADAGE. Lady-Are you willing to saw wood if I give your dinner?

Tramp-No; but I'll do the other

Lady-The other half of what? Tramp.-The adage. I'll say nothing.

\$100 Reward, \$100.

The readers of this paper will be pleased to learn that there is at least one dreaded disease that science has been able to cure in all its stages and that is Catarrh. Hall's Catarrh Cure is the only positive cure now known to the medical fraternity. Catarrh being a constitutional disease, requires a constitutional treatment. Hall's Catarrh Cure is taken internally, acting directly upon the blood and mucous surfaces of the system, thereby destroying the foundation of the disease, and giving the patient strength by building up the constitution and assisting nature in doing its work. The propriete's have so much faith in its curative powers, that they offer one Hundred Dollars for any case that it fails to cure, Send for list of testimonials. F. J. CHENEY & CO., Toledo O.

Sold by druggists, 75c. Hall's Family Pills are the best

Lawyer-You say you were in the saloon at the time of the assault re-

The old man looked lovingly at his ferred to in the complaint. Witness-I was, sir.

Lawyer-Did you take cognizance of

VERY APPROPRIATE.

"My dear," said Meeker to his better half, on observing new striped hose on stairs one evening and entered the his youthful son and heir, "why have room where her darling lay asleep. you made barber poles of Johnnie's

In Lead Packets 25, 30, 40, 50 and 860

"Well, why not?" retorted Mrs. G. "Isn't he a little shaver ?"

OBLIGING.

Artist-Will you permit me to paint that boat of yours? The Other-You can tar 'er if ye like-she don't want no paint.

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Father-Dol you think L ought to have my daughter's voice cultivated? Absent-minded Visitor-I should think you ought to have something done for it.

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