THE WEEKLY MEssENGER.
of butter, a perfect and much ain is lost. not which
anges, haind seeds. are uscless
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THE THIMBLE
The thimble is a Dutch invention that was first brought to England in 1695 by one John ture at Islington, near London, gaining thereby both honor and profit. Its name was derived from the words thumb and bell, being for a long time called thumble, and only lately thimble. were first worn on the thambs ; but we can scarcely conceive how they could be of much use there. Formerly they were made of brass and iron only, but of late years steel, silver, gold, horn, ivory, and even pearl and glass have all been used for making thimbles. I saw some very beautitul ones in China that were exquisitely carved of pearl and bound with gold and the end also of gold. These pearl thimbles are quite as costly and far prettier than those made entirely of gold. A thimble owned by the queen consort of Siam is shaped like a
lotus bud, this being the royal flower of that country, and almost everything about the court bearing, in a greater or less degree, some impress -f the lotus. This wimble is of gold, thickly studded ed as to form the lady's name and the date of her marriage. It was a bridal gift from the king, who having seen the English and American ladies at his court using thimbles, took this method of introducing them among his own people. In Naples rery pretty thimbles, composed of lara from Mount Vesuvius, are occasionally sold, but rather as curiosities than for real utility, being, from the extreme brittleness of the lava, very easily broken. I hear also of thimbles made of asphaltum from the Dead Sea, and of one composed of a fragment of the old elm tree at Cambridge, Mass, under which General Washington United States Army in July, 1775, but I do not suppose that any of these were ever intended to be used in sewing. In the ordinary manufacture of gold and silver thimbles thin plates of the metal are introduced into the die and then punched into shape. But in Paris the French have a way of their own, quite different from ours, for making gold thimbles that are said to be much more durable than those made in the usual way. Pieces of very thin sheet-iron are cut into disks of about two inches in diameter. These, after being heated to redness, are struck by means of a punch into a succession of holes
of a gradually increasing depth, of a gradually increasing depth, to give the proper shape. The thimble is then trimmed, polished and indented around its outer surface with tiny holes. It is next converted into steel by
process called cementation, then process called cementation, then
tempered, scoured and brought to a blue color. After all this is
completed, a thin sheet of gold is little tots, when they begin to run
introduced into the interior and alone, carrying their dolls on their fastened to the steel by a mandrel, back.
while gold leaf is attached firmly Where we have one toy the while gold leaf is attached firmly Where we have one toy the An ox, feeding, as is the manner by pressure to the outside, the Japanese have athousand. Erery- of oxen, upon grass, and being edges being seamed in a small thing in art and nature is imitated therefore of a placid nature, was groove made to receive them. in miniature. Toys can be bought much shocked at the conduct of a This completes the thimble that or half a cent, and elegant ones serpent of its acquaintance, when will last for years. The steel for eight or ten cents. There are it saw the serpent first stare at used in its construction will stands on the streets kept by old it with its baleful eyes, and then scarcely wear out in a long life- women, where little girls can buy proceed to swallow a poor frog, time, and the gold, if worn away, a spoonful of batter and bake their
is easily replaced.-Dorcas Maga- own top cakes. Then, along comes is easily replaced.-Dorcas Maga- own top cakes. Then, along comes
zine.
a man with a long bucketful of
soap suds, of which he sells a cup-
soap suds, of which he sells a cup-
ful for the hundredth part of a
LItTLE JAPANESE.
Here is something intersting I found about the habits and dress of the children in Japap. In the
first place the character of the Tapanese houses saves much trouble about children. There are no stairs to tumble down, no
furnitue for them to tumble over, no sticky food with which to bedanb themselves. So there
is seldom need to reprove them. They are rarely heard to cry; but when they do break forth, they make a tremendous racket, yelling
with great fierceness. In his with great fierceness. In his
travels through the country, Prof. Morse only once saw boys fishting ; and then they were only slapping each other. The dress of the
Japanese children is the same as that of an adult. The sleeves are open on the inner edge, with a
pocket on the outer side. Thedress is very simple, easy and free, with tucks to let down as the child grows,so that, as the fashions never change and the dress is made of strong silk brocade, or silk and twenty years.
The children's shoes are made of blocks of wood, secured with
cord. The stocking resembles a mitten, having a separate place for the great toe. As these shoes are
iited only by the toes, the her inted only by the toes, the heels
make a rattling sound as their owner's walk,which is quite stunning in a crowd. They are not worn in the house, as they would injure the soft straw mats with
which the floor is covered. The Japanese shoe gives perfect freedom to the foot. The beauty o the human foot is only seen in the
Japanese. They have no corns, no ingrowing nails, no distorted oints. Our children's toes are cramped until they are deformed, and are in danger of extinction.
The Japanese have the full use of their toes, and to them they are almost like fingers.
The bebies are taken care of on the backs of the older children, to which they are fastened by loose bands. You will see a dozen their backs, engaged in playing battledore, the babies heads bob bing up and down. This is crter than crying in the
cradle. The baby seeseverything goes everywhere, gets plenty of pure air; and the sister who back and doubtless some lessons back and doubtless some lessons and regular distribution and with of patience. It is funny to see the ${ }_{B u}$ great force.-Mannfacturer and of patience. It is funny to see the Builder. The babies make mud pies and do. They are taught always to be polite, and say, "Thank you." will not only thank you at the time but whenever he meets you again. $-E x$.
HOW GUN BARRELS ARE The beautiful waved lines and appear on the surface of gun barrels are really the lines of welding, showing that two dif-
ferent metals-iron and steel-are intimately blended in making the process of thus welding and blending steel and iron is a very interesting one. Flat bars or ribbons ot steel and iron are alter-
nately arranged together and then twisted into a cable. Several of these cables are then welded
together, and shaped into a long together, and shaped into a long,
llat bar, which is next spirally coiled around a hollow cylinder, called a mandrel; after which the
edges of these spiral bars are edges of these spiral bars are
heated and firmly welded. The spiral coil is now put upon what is called a welding mandrel, is
again heated and carefully again heated and carefully
hammered into the shape of a gun barrel. Next comes the cold hammering, by which the pores
of the metal are securely closed. The last, or finishing operation, is exactly its proper shape and to By all the twistings, weldings and hammerings the metals are so blended that the mass has somewhat the consistency and toughbarrel thus nade is very hard to burst. But the finishing of the inside of the barrel is an operation

How could you be so cruel ?"
My mild-eyed ox.
subtie serpent, " if," the frop the pped one hop away from me, or hat), to children who blow soap have a eaten it for the world; but, bubbles through bamboo reeds, as you saw, it had not the slight-

