

although the watch was of the class known to the trade as gold enamelled, it in reality contained but little gold and the composition out of which the case was composed was barely worth fifty cents per pound. The defendant held that he never refused to take the watch back, but as another witness contradicted him in this statement the judge directed Mr. Kleiser to return the plaintiff \$17.50 and take the watch back.

STOLEN JEWELRY RECOVERED.—We are glad to know that Mr. G. L. Darling, jeweler, of Simcoe, the robbery of whose safe was duly chronicled in last month's *TRADER*, has luckily succeeded in getting back almost the whole of his goods. The story of their recovery is quite romantic, and we think that when its true inwardness is fully explained, it will be seen that justice was not so blind as she is usually made out to be in the arrest of the suspected parties. All we care about saying just now is that we congratulate Mr. Darling on his good luck. The story of the recovery of these goods as told by a local contemporary, runs as follows:

"On Sunday morning the town was thrown into great excitement when word was passed from mouth to mouth that the stolen jewelry was found. The report was generally discredited, but during the day ample confirmation was forthcoming. Speculation was rife, in the absence of any positive information, as to the manner in which the goods had been got hold of. All this was known for certain was that late on Saturday night Mr. Darling had gone to the residence of Mr. G. Bruce Jackson, the lawyer who defended Almond, and who is now looking after Lawlor's case, and had there received his goods, there being, it was said, only some four hundred dollars missing. Some said "Almond has given it up," others "Lawlor has squealed." Mr. Jackson being waited upon, refused emphatically to give any particulars. He said that he and he alone knew who gave up the goods and no one would ever know anything more than is now known. He, however, denied that Lawlor had squealed and scouted the idea that Almond knew anything about the matter. Neither he nor Adams, Mr. Jackson said, had anything to do in the burglary from first to last. He went on to say that the public were away off in all their surmises, and would never get the real truth. The probability is that Mr. Darling has paid a good round sum as a reward for the restoration of his diamonds, and that he knows no more about the real perpetrator of the burglary than the public—at least, if he does know he will not tell.

WORKSHOP NOTES.

PASTE FOR CLEANING METALS.—1 part oxalic acid, 6 parts rotten stone, mix with equal parts of train oil and spirits of turpentine to a paste.

SOLDERING GERMAN SILVER.—Dissolve granulated zinc in spirits of salt, in an earthen vessel. Cleanse the parts to be soldered, and apply the spirits of salts. Next put a piece of pewter solder on the joint, and apply the blowpipe to it. Melt German silver 1 part, and zinc, in thin sheets, 4 parts, then powder it for solder.

AN extraordinarily clear and limpid oil for lubricating watches can be procured by pouring upon a bowlful of the best olive oil some melted lead. The bowl should then be set in the sun for two or three months, covered with a pane of glass, when it can be strained and bottled.

A FINE and absolutely colorless cement can be obtained by cutting seventy-five grammes of rubber into very small pieces, and putting them in a bottle containing sixty grammes of chloroform, which should then be hermetically corked. When the rubber is completely dissolved, fifteen grammes of mastic in drops should be added, and the bottle again corked tight. The cement will be ready for use in eight days.

TO TEMPER DRILLS.—Select none but the finest and best steel for your drills. In making them never heat higher than a cherry red, and always hammer till nearly cold. Do all your hammering in one way, for if, after you have flattened your piece out, you attempt to hammer it back to a square or a round, you spoil it. When your drill is in proper shape heat it to a cherry red, and thrust it into a piece of resin, or into quicksilver.

CEMENT FOR FASTENING SECONDS DIALS IN WATCHES BETTER THAN TIN SOLDER.—Finely pulverized plaster of Paris (alabaster gypsum) mixed with cabinet-maker's white glue, cold. A little should be spread on the edge of the dial, which should then be quickly pressed into position for ten minutes, when the superfluous cement should be cut off with a brass chisel. In twenty-four hours the cement will be as hard as marble.

WHY BOYS DISLIKE TO LEARN TRADES.—The *Blacksmith and Whatwright* believes that the old system is, in the main, responsible for the aversion that such large numbers of boys manifest for learning trades. For the first year a boy in a blacksmith's shop, for instance, is put to the roughest and most disagreeable work. He is made to do a thousand-and-one things that will be of no use to him when he grows up, and having nothing to do with making him a skilful mechanic. He knows this and naturally rebels and wants to do something that will be of benefit to him. He is brought to feel that to be a good blacksmith, a man requires much brawn and little brains. That he obtains an erroneous idea of the trade he is trying to learn we all know, but, nevertheless, this impression is apt to become fixed in his mind from the character of the work he is put to do. Is it any wonder that he looks with envy on the boy behind the counter, or in a lawyer's office, and longs to get away from an employment which has become irksome?

A peculiar clock, which marks the hours from one to twenty-four, has recently been completed by a Wilmington manufacturer. The new time-piece is of a kind soon to be adopted by several of the railroads. The most conspicuous innovations are in the marking upon the dial and in the movement of the wheels which run the hands. The minute hand, instead of making twelve revolutions to every revolution of the hour hand, as in the ordinary clock, makes twenty-four revolutions while the hour hand passes around once.

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