

American watches have from thirteen to sixteen coils,—the higher number generally in the finer grades, and even with hardened and tempered springs. For the advantage of long springs, see (168).

(25.) *Breadth of springs.* The breadth of hair spring wire should be about twice its thickness, or rather more, for marine chronometer springs, but for pocket watches there is no regular rule. Round wire has been proposed for springs, as being more easily and perfectly made; but there can be no doubt that unnecessary thickness in the direction of flexion should be avoided, and greater stiffness secured by increasing the breadth rather than the thickness. Experience indicates that a breadth of from three to four times the thickness is a good proportion for flat spiral springs for watches.

(TO BE CONTINUED.)

EDITORIAL NOTES.

SPECIAL NOTICE.

Jewelers throughout Canada will oblige the Editor by sending into this office for insertion in these notes any items of news pertaining to the jewelry business that they think would be of interest to the Trade generally.

MR. J. BUNN, JR., of the Illinois Watch Co., was in the city a couple of weeks ago, and reports a big demand for their new four size movement. He says they can sell almost double what they can make.

ACQUITTED.—Mr. S. Sydenburg, jeweler, of Toronto, who was tried at the assize court last month for purchasing goods knowing them to have been stolen, was honorably acquitted of the charge by the jury.

FIRE.—D. T. Ferguson, jeweler, of Rat Portage, Ont., had his store and stock burned by the disastrous fire which occurred at that place last month. He was only partly insured.

JOSEPH TANNER, jeweler, of Prescott, failed last month. This failure may be fairly set down to his close proximity to the American border and the demoralized state of the jewelry trade consequent thereon.

FOR EUROPE HO!—Mr. John Segsworth, wholesale jeweler of this city, sailed for Europe by the Cunard line last month. We wish him a prosperous trip and safe return.

HOME AGAIN.—Mr. John H. Jones of Montreal, who has been to Europe on business for his firm, arrived safely home again on the 21st of June.

MR. DAVID THOMPSON, of E. J. Thompson & Co., wholesale jewelers of Hamilton, Ont., sails for Europe on July 3rd, in the interests of his firm. We wish him *bon voyage*.

THANKS.—We have to thank Mr. James Fraser, jeweler, of Yale, British Columbia, for a business directory of that province and a list of the bona fide jewelers doing business out there.

R. GIVEN DOHERTY, jeweler, of Toronto, finding business very bad, has assigned for the benefit of his creditors. His liabilities are very small and his stock is about equal to his liabilities.

KEPT BUSY.—We took a run through the new factory of A. H. Welsh the other day and were pleased to find everything in such apple pie order. Mr. Welsh reports that he is "kept very busy," and mostly on very fine work.

REMOVAL.—The trade will be interested in knowing that on account of the large increase in his business, Mr. H. Ellis, wholesale jeweler, has removed his warehouse to 14 Wellington Street west, where he will be glad to see his friends and the trade in general.

ATTENTION! WANTED!—In consequence of the many errors in delivering THE TRADER in the cities of Toronto, Montreal and Quebec, we would take it as a favor if every jeweler in the above cities would send us on a post card, their street number and proper address.

HAMILTON ENTERPRISE.—We ask the attention of our readers to the advertisement of Messrs. George H. Lee & Co., of Hamilton, Ont.

Hamilton has long been known as the "ambitious city" and Messrs. Lee & Co. apparently don't propose to let it go back on its reputation.

SELLING OUT.—Mr. Chas. Davis, the well-known jeweler of King St., Toronto, is thinking of retiring from business and offers his business for sale. This is a good chance for some capable and enterprising man with money.

THE LIGHTNING TRAVELLER AGAIN.—Mr. R. Russell, representing Levy Bros., was in the city last month on business for his firm. He appeared well pleased with his success, and thought the prospects for a large fall trade were excellent.

WEDDING BELLS.—Mr. J. Porte, jr., of Picton, Ont., was married last month, and visited Toronto on his wedding tour. THE TRADER wishes him and his bride all the happiness incident to the married state and long life and prosperity.

THEIR THREE MILLIONTH WATCH.—The 3,000,000th watch made by the American Waltham Watch Company was drawn for at the annual banquet of that Watch Company's Foremen's Association. Mr. H. M. Hayes was the lucky man who won it.

AS FRESH AND SPICY AS EVER.—The New York *Jeweler's Weekly* keeps as fresh and sparkling as ever. We look for its weekly visit with a great deal of pleasure and trust that like good wine it will improve with age.

CLOSED DOWN.—The American Watch Company closed down on the 1st July for holidays and repairs. They will resume work about the middle of the month. In the meantime their employees are amusing themselves and going in for the base ball championship.

AMERICAN LEVER BUTTONS.—Mr. Rogers, the genial representative of the American Lever Button, was in the city a few days ago, pushing business for his firm, who have something to say to our readers through our advertising columns this month.

MEDALS.—We are right in the middle of the medal season and those jewelers who want to have their orders in that line filled with promptness and satisfaction cannot, we think, do better than entrust them to Messrs. P. W. Ellis & Co., who are making a specialty of this line of goods.

A FAILURE.—The Williamstown Watch Company, Williamstown, Mass., which was organized under the laws of the State of New York in February, 1885, with a capital of about \$300,000, and which has been with difficulty struggling along since, has suspended operations for an indefinite period.

A SIGN OF THE TIMES.—At a meeting of the directors of the Hampden Watch Company held last month, Mr. John C. Dueber, of Newport, Ky., was unanimously elected a member of the board. Mr. Dueber is now largely interested in the Hampden Company, and will no doubt render valuable assistance in the prosecution of its business.

BOUND TO BE AT THE TOP.—The employees of the American Watch Case Co., of Toronto, have organized a base ball club and entered the Canadian Manufacturers' League. In addition to making the best watch case in America, they think they can down any other "nine" on the list, and are going to do their best to capture the pennant.

CHANGED HANDS.—We notice by the last number of the *Watch-maker, Jeweler and Silversmith* that that journal has changed hands and in future will be run on different lines. That journal has always tried its utmost to advance the interests of the jewelers in Great Britain, and we wish it a prosperous future.

STIENHOFF & SEABROOK, jewelers, of London, Ont., have assigned with some \$11,000 of liabilities and assets to about the same amount. Like the most of the failures in the jewelry line, this one appears to have been caused by an attempt to run a large and expensive business upon little or no capital.

Mr. H. H. Fudger, of the Goldsmiths' Company, arrived home from Europe on the 7th of June. Although he made a very quick trip, he says that he has picked up enough bargains and novelties in jewelry to make the trade in this country open their eyes. Their customers may therefore look out for bargains this fall.

A UNIQUE ADVERTISEMENT.—We direct the attention of our readers to the unique advertisement of the S. E. F. & Co. bracelets on the inside back cover page of this issue. We think every retailer who has