CHRONOMETERS.

[illegible] equipment of United States [illegible] for sea service one of the essential prerequisites of their [illegible] is the marine chronometers, instruments of peculiar construction and [illegible] perfection of workmanship, by which time is measured with extreme accuracy, as in determining geographical longitudes and ascertaining the difference of time.

One of the most essential and practical features of the United States navy [illegible] is the custody of these delicate instruments, which are thoroughly tested before [illegible] work and requires much care and attention, from three to six months in a year.

There is connected with the chronometer room at the observatory a temperature room in which the testing of chronometers is made, where the influence of the hygrometric conditions of the atmosphere upon the running of chronometers is [illegible] by circulation of hot water, the fuel being gas controlled by electricity, and is cooled by an ice refrigerator [illegible] temperature [illegible] that of the outside atmosphere. The temperature is closely [illegible] day during trial and recorded for the previous twenty-four hours by a chronometric thermometer and by self-registering maximum and minimum thermometers.

The chronometers are compared daily between 11 and 11:40 o'clock a. m. with the mean time [illegible] and the errors and rates are worked up every [illegible] from these mean rates calculations are made to the nearest quarter of a second. All chronometers received at the observatory are placed on trial prior to their purchase by the government and are tested at the temperatures between 45 and 90 degrees F., thirty-five, 70 and [illegible] degrees [illegible] temperatures between [illegible] all [illegible] chronometers [illegible] navy [illegible]

The [illegible] American makers of chronometers [illegible] instruments for [illegible] test. The instruments are placed [illegible] by their numbers, and those failing to pass are returned to their makers. The trials are commenced near the middle of the summer or the middle of winter in each year, so that the temperature of both extremes [illegible] used as well as artificial ones.

Chronometers are selected [illegible] view to the temperature in which they are to be used, those for [illegible] mates [illegible] eating [illegible] those for [illegible] mates the reverse.

When called for, they are taken direct from the observatory [illegible] navy department to their destination, while still running, with the greatest care. They are delivered to the navigation officer of the navy [illegible] of the vessel, as the case may be, and the supervision of the observatory ceases until their return.—New York Times.

THE THUMB.

The ancients slept on the door or on a divan [illegible] During the middle ages beds were made of [illegible] ches, heather or straw. It is believed that feather beds were known to the Romans, since a mention by one of the poets [illegible] that they slept on feathers is supposed to refer to this kind of bed. Heliogabalus had an air cushion, and also an air mattress [illegible] 222 [illegible] Feather beds were employed by the better classes in England during the days of Henry VIII., though they were considered luxuries and were expensive. The bedsteads of the Egyptians, Romans and Greeks closely resembled our [illegible] The Russian peasants place their beds on top of the family oven for [illegible] To the present day bedsteads in Holland and some parts of Germany [illegible] with two feather beds, on which the sleeper lies while the [illegible] is used for covering.

Getting Started.

A divorcee that always gets the right [illegible] William—Well, which is the divorce the man or the lady? His [illegible] Why, what questions to ask! [illegible] the "[illegible]"

ESTABLISHED 1869.

H. P. DUTTON & CO.

—DEALERS IN—

Sea Island Cotton.

Sea Island Cotton Seed, Bagging and Twine. Walrus Leather in Strips or Sides.

Manufacturers of the James Doig Improved English Sea Island Cotton Gin, and Supplies for Same.

GAINESVILLE, FLORIDA, U. S. A.

G. S. MERCHANT & CO.,

Retailers and Jobbers in

Staple and Fancy Groceries,

Grain, Garden Seed and Fertilizers.

GAINESVILLE, FLORIDA

SOUTH SIDE SQUARE.

Highest market price paid for Chickens, Eggs and other Produce.

A Complete stock of Hay, Corn, Oats, Flour, Bran, Meal, Cotton Seed Meal and Rye. We handle only the VERY BEST goods at the LOWEST PRICES, and guarantee satisfaction always.

Job Printing

Send Your Order to

THE SUN JOB OFFICE

—Work Executed—

Neatly, Promptly and Artistically

Coast Rail

Corrected to [illegible]

THE CONTINENTAL CAFE

Sleeping Cars on Trains 97 and 98

NEW YORK, DECEMBER [illegible]

CHEAPEST STORE ON EARTH

Sunshine Mills

Hay, Grain, Feed, Flour

Buggies, Wagons, Harness

Pianos, Organs

Furniture, Carpets

Stoves, Tinware

Hardware

Paints, Oils

Glass, Putty

Sash, Doors

Blinds

Lumber

Shingles

Lath

Brick

Lime

Cement

Plaster

Furniture

Undertaking

Embalming

Hearse

Caskets

Coffins

Metallic Burial Cases

Wilson's Holiday Goods

Watches, Jewelry

Clocks, Silverware

Plated Ware

Holiday Novelties

Greenfield & Crosby Co.

JEWELERS AND OPTICIANS

Watches, Clocks, Jewelry

41 West Bay St.

Your name on your door

Wilson's Art Store

Pianos, Organs

Sewing Machines

Bicycles, Guns

Sporting Goods

Fishing Tackle

Bicycle Repairing

Gun Repairing

Key Fitting

Pianos Tuned

Pianos Moved

Sewing Machines Repaired

Sewing Machines Rented

Sewing Machines Sold

Sewing Machines Exchanged

Sewing Machines Oil

Sewing Machines Needles

Sewing Machines Attachments

Sewing Machines Guarantee

Sewing Machines Cheap

Sewing Machines Best

Sewing Machines Cash or Easy Payments

Sewing Machines Call and See Us

Sewing Machines Call and Hear Our Proposition

Sewing Machines Call and Be Convinced

Sewing Machines Call Now

Sewing Machines Call Today

Sewing Machines Call Tomorrow

Sewing Machines Call Any Time

Sewing Machines Call Always

Sewing Machines Call Never

Sewing Machines Call Once

Sewing Machines Call Twice

Sewing Machines Call Thrice

Sewing Machines Call Four Times

Sewing Machines Call Five Times

Sewing Machines Call Six Times

Sewing Machines Call Seven Times

Sewing Machines Call Eight Times

Sewing Machines Call Nine Times

Sewing Machines Call Ten Times

Sewing Machines Call Eleven Times

Sewing Machines Call Twelve Times

Sewing Machines Call Thirteen Times

Sewing Machines Call Fourteen Times

Sewing Machines Call Fifteen Times

Sewing Machines Call Sixteen Times

Sewing Machines Call Seventeen Times

Sewing Machines Call Eighteen Times

Sewing Machines Call Nineteen Times

Sewing Machines Call Twenty Times

Sewing Machines Call Twenty-One Times

Sewing Machines Call Twenty-Two Times

Sewing Machines Call Twenty-Three Times

Sewing Machines Call Twenty-Four Times

Sewing Machines Call Twenty-Five Times

Sewing Machines Call Twenty-Six Times

Sewing Machines Call Twenty-Seven Times

Sewing Machines Call Twenty-Eight Times

Sewing Machines Call Twenty-Nine Times

Sewing Machines Call Thirty Times

Sewing Machines Call Thirty-One Times

Sewing Machines Call Thirty-Two Times

Sewing Machines Call Thirty-Three Times

Sewing Machines Call Thirty-Four Times

Sewing Machines Call Thirty-Five Times

Sewing Machines Call Thirty-Six Times

Sewing Machines Call Thirty-Seven Times

Sewing Machines Call Thirty-Eight Times

Sewing Machines Call Thirty-Nine Times

Sewing Machines Call Forty Times

Sewing Machines Call Forty-One Times

Sewing Machines Call Forty-Two Times

Sewing Machines Call Forty-Three Times

Sewing Machines Call Forty-Four Times

Sewing Machines Call Forty-Five Times

Sewing Machines Call Forty-Six Times

Sewing Machines Call Forty-Seven Times

Sewing Machines Call Forty-Eight Times

Sewing Machines Call Forty-Nine Times

Sewing Machines Call Fifty Times

Sewing Machines Call Fifty-One Times

Sewing Machines Call Fifty-Two Times

Sewing Machines Call Fifty-Three Times

Sewing Machines Call Fifty-Four Times

Sewing Machines Call Fifty-Five Times

Sewing Machines Call Fifty-Six Times

Sewing Machines Call Fifty-Seven Times

Sewing Machines Call Fifty-Eight Times

Sewing Machines Call Fifty-Nine Times

Sewing Machines Call Sixty Times

Sewing Machines Call Sixty-One Times

Sewing Machines Call Sixty-Two Times

Sewing Machines Call Sixty-Three Times

Sewing Machines Call Sixty-Four Times

Sewing Machines Call Sixty-Five Times

Sewing Machines Call Sixty-Six Times

Sewing Machines Call Sixty-Seven Times

Sewing Machines Call Sixty-Eight Times

Sewing Machines Call Sixty-Nine Times

Sewing Machines Call Seventy Times

Sewing Machines Call Seventy-One Times

Sewing Machines Call Seventy-Two Times

Sewing Machines Call Seventy-Three Times

Sewing Machines Call Seventy-Four Times

Sewing Machines Call Seventy-Five Times

Sewing Machines Call Seventy-Six Times

Sewing Machines Call Seventy-Seven Times

Sewing Machines Call Seventy-Eight Times

Sewing Machines Call Seventy-Nine Times

Sewing Machines Call Eighty Times

Sewing Machines Call Eighty-One Times

Sewing Machines Call Eighty-Two Times

Sewing Machines Call Eighty-Three Times

Sewing Machines Call Eighty-Four Times

Sewing Machines Call Eighty-Five Times

Sewing Machines Call Eighty-Six Times

Sewing Machines Call Eighty-Seven Times

Sewing Machines Call Eighty-Eight Times

Sewing Machines Call Eighty-Nine Times

Sewing Machines Call Ninety Times

Sewing Machines Call Ninety-One Times

Sewing Machines Call Ninety-Two Times

Sewing Machines Call Ninety-Three Times

Sewing Machines Call Ninety-Four Times

Sewing Machines Call Ninety-Five Times

Sewing Machines Call Ninety-Six Times

Sewing Machines Call Ninety-Seven Times

Sewing Machines Call Ninety-Eight Times

Sewing Machines Call Ninety-Nine Times

Sewing Machines Call One Hundred Times

Sewing Machines Call One Hundred and One Times

Sewing Machines Call One Hundred and Two Times

Sewing Machines Call One Hundred and Three Times

Sewing Machines Call One Hundred and Four Times

Sewing Machines Call One Hundred and Five Times

Sewing Machines Call One Hundred and Six Times

Sewing Machines Call One Hundred and Seven Times

Sewing Machines Call One Hundred and Eight Times

Sewing Machines Call One Hundred and Nine Times

Sewing Machines Call One Hundred and Ten Times

Sewing Machines Call One Hundred and Eleven Times

Sewing Machines Call One Hundred and Twelve Times

Sewing Machines Call One Hundred and Thirteen Times

Sewing Machines Call One Hundred and Fourteen Times

Sewing Machines Call One Hundred and Fifteen Times

Sewing Machines Call One Hundred and Sixteen Times

Sewing Machines Call One Hundred and Seventeen Times

Sewing Machines Call One Hundred and Eighteen Times

Sewing Machines Call One Hundred and Nineteen Times

Sewing Machines Call One Hundred and Twenty Times

Sewing Machines Call One Hundred and Twenty-One Times

Sewing Machines Call One Hundred and Twenty-Two Times

Sewing Machines Call One Hundred and Twenty-Three Times

Sewing Machines Call One Hundred and Twenty-Four Times

Sewing Machines Call One Hundred and Twenty-Five Times

Sewing Machines Call One Hundred and Twenty-Six Times

Sewing Machines Call One Hundred and Twenty-Seven Times

Sewing Machines Call One Hundred and Twenty-Eight Times

Sewing Machines Call One Hundred and Twenty-Nine Times

Sewing Machines Call One Hundred and Thirty Times

Sewing Machines Call One Hundred and Thirty-One Times

Sewing Machines Call One Hundred and Thirty-Two Times

Sewing Machines Call One Hundred and Thirty-Three Times

Sewing Machines Call One Hundred and Thirty-Four Times

Sewing Machines Call One Hundred and Thirty-Five Times

Sewing Machines Call One Hundred and Thirty-Six Times

Sewing Machines Call One Hundred and Thirty-Seven Times

Sewing Machines Call One Hundred and Thirty-Eight Times

Sewing Machines Call One Hundred and Thirty-Nine Times

Sewing Machines Call One Hundred and Forty Times

Sewing Machines Call One Hundred and Forty-One Times

Sewing Machines Call One Hundred and Forty-Two Times

Sewing Machines Call One Hundred and Forty-Three Times

Sewing Machines Call One Hundred and Forty-Four Times

Sewing Machines Call One Hundred and Forty-Five Times

Sewing Machines Call One Hundred and Forty-Six Times

Sewing Machines Call One Hundred and Forty-Seven Times

Sewing Machines Call One Hundred and Forty-Eight Times

Sewing Machines Call One Hundred and Forty-Nine Times

Sewing Machines Call One Hundred and Fifty Times

Sewing Machines Call One Hundred and Fifty-One Times

Sewing Machines Call One Hundred and Fifty-Two Times

Sewing Machines Call One Hundred and Fifty-Three Times

Sewing Machines Call One Hundred and Fifty-Four Times

Sewing Machines Call One Hundred and Fifty-Five Times

Sewing Machines Call One Hundred and Fifty-Six Times

Sewing Machines Call One Hundred and Fifty-Seven Times

Sewing Machines Call One Hundred and Fifty-Eight Times

Sewing Machines Call One Hundred and Fifty-Nine Times

Sewing Machines Call One Hundred and Sixty Times

Sewing Machines Call One Hundred and Sixty-One Times

Sewing Machines Call One Hundred and Sixty-Two Times

Sewing Machines Call One Hundred and Sixty-Three Times

Sewing Machines Call One Hundred and Sixty-Four Times

Sewing Machines Call One Hundred and Sixty-Five Times

Sewing Machines Call One Hundred and Sixty-Six Times

Sewing Machines Call One Hundred and Sixty-Seven Times

Sewing Machines Call One Hundred and Sixty-Eight Times

Sewing Machines Call One Hundred and Sixty-Nine Times

Sewing Machines Call One Hundred and Seventy Times

Sewing Machines Call One Hundred and Seventy-One Times

Sewing Machines Call One Hundred and Seventy-Two Times

Sewing Machines Call One Hundred and Seventy-Three Times

Sewing Machines Call One Hundred and Seventy-Four Times

Sewing Machines Call One Hundred and Seventy-Five Times

Sewing Machines Call One Hundred and Seventy-Six Times

Sewing Machines Call One Hundred and Seventy-Seven Times

Sewing Machines Call One Hundred and Seventy-Eight Times

Sewing Machines Call One Hundred and Seventy-Nine Times

Sewing Machines Call One Hundred and Eighty Times

Sewing Machines Call One Hundred and Eighty-One Times

Sewing Machines Call One Hundred and Eighty-Two Times

Sewing Machines Call One Hundred and Eighty-Three Times

Sewing Machines Call One Hundred and Eighty-Four Times

Sewing Machines Call One Hundred and Eighty-Five Times

Sewing Machines Call One Hundred and Eighty-Six Times

Sewing Machines Call One Hundred and Eighty-Seven Times

Sewing Machines Call One Hundred and Eighty-Eight Times

Sewing Machines Call One Hundred and Eighty-Nine Times

Sewing Machines Call One Hundred and Ninety Times

Sewing Machines Call One Hundred and Ninety-One Times

Sewing Machines Call One Hundred and Ninety-Two Times

Sewing Machines Call One Hundred and Ninety-Three Times

Sewing Machines Call One Hundred and Ninety-Four Times

Sewing Machines Call One Hundred and Ninety-Five Times

Sewing Machines Call One Hundred and Ninety-Six Times

Sewing Machines Call One Hundred and Ninety-Seven Times

Sewing Machines Call One Hundred and Ninety-Eight Times

Sewing Machines Call One Hundred and Ninety-Nine