Subject: D. Gruen & Sohne - Hand Finished Mainsprings
Posted by Gary on Wed, 18 Dec 2024 17:04:26 GMT
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Description

A robin egg blue box of hand finished mainsprings.

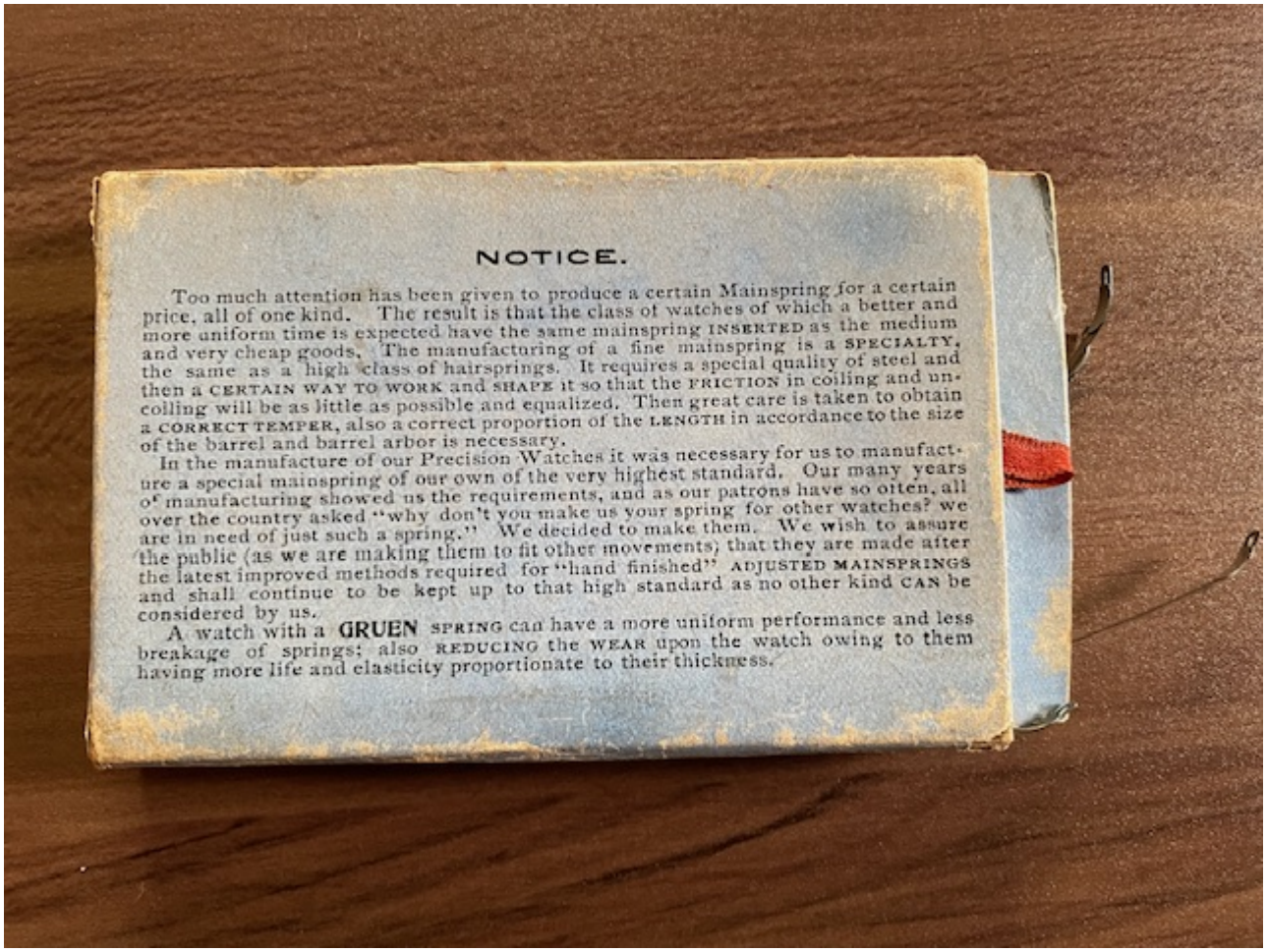
Period: Early 1900's
Watch type: Pocket Watch
Size: Various
Inventor: D. Gruen & Sohne
Patents: Hmmm...

Don't you just love the font on this box! This dates well before the Time Hill era. And check out the detailed notice on the back, holy Toledo!!!

I would pull the springs out but have to do it under a blanket, noting better than metal spaghetti flying about. Enjoy!

File Attachments

1) IMG_7657.JPG, downloaded 2605 times



NOTICE.

Too much attention has been given to produce a certain Mainspring for a certain price, all of one kind. The result is that the class of watches of which a better and more uniform time is expected have the same mainspring INSERTED as the medium and very cheap goods. The manufacturing of a fine mainspring is a SPECIALTY, the same as a high class of hairsprings. It requires a special quality of steel and then a CERTAIN WAY TO WORK and SHAPE it so that the FRICTION in coiling and uncoiling will be as little as possible and equalized. Then great care is taken to obtain a CORRECT TEMPER, also a correct proportion of the LENGTH in accordance to the size of the barrel and barrel arbor is necessary.

In the manufacture of our Precision Watches it was necessary for us to manufacture a special mainspring of our own of the very highest standard. Our many years of manufacturing showed us the requirements, and as our patrons have so often, all over the country asked "why don't you make us your spring for other watches? we are in need of just such a spring." We decided to make them. We wish to assure the public (as we are making them to fit other movements) that they are made after the latest improved methods required for "hand finished" ADJUSTED MAINSPRINGS and shall continue to be kept up to that high standard as no other kind CAN be considered by us.

A watch with a **GRUEN** SPRING can have a more uniform performance and less breakage of springs; also REDUCING the WEAR upon the watch owing to them having more life and elasticity proportionate to their thickness.

2) IMG_7656.JPG, downloaded 2621 times



Subject: Re: D. Gruen & Sohne - Hand Finished Mainsprings
Posted by Jenneke on Wed, 18 Dec 2024 20:54:59 GMT
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Indeed a nice Gruen font. And a long story on the back, which would have made me suspicious if I had lived in the 1900,s. Too much to be true. But guaranteed for a year… sounds like a short life

Subject: Re: D. Gruen & Sohne - Hand Finished Mainsprings
Posted by Gary on Wed, 18 Dec 2024 21:17:17 GMT
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Yeah, guaranteed for a year doesn't very sound good. Dietrich's safety pinion saved a lot repairs from these broken springs.

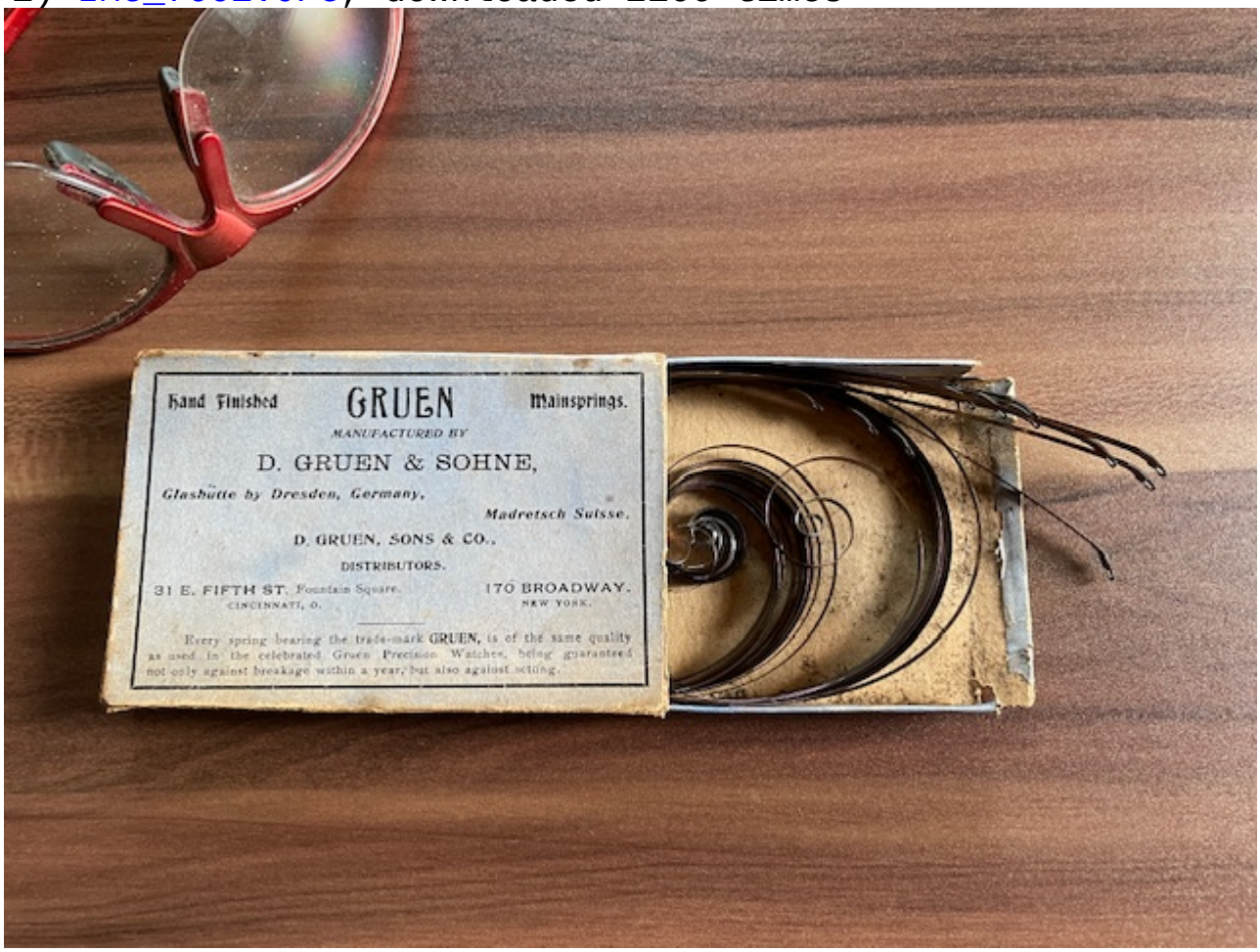
Subject: Re: D. Gruen & Sohne - Hand Finished Mainsprings
Posted by Gary on Thu, 19 Dec 2024 18:35:35 GMT
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Boy you have to wonder how they fit all those springs in there?

Guessing back in the day these springs fit all the Gruen watches regardless of model.

File Attachments

1) IMG_7661.JPG, downloaded 2160 times



Subject: Re: D. Gruen & Sohne - Hand Finished Mainsprings
Posted by Jenneke on Sat, 21 Dec 2024 16:00:12 GMT
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Subject: Re: D. Gruen & Sohne - Hand Finished Mainsprings
Posted by JackW on Mon, 23 Dec 2024 15:31:07 GMT
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How many different models of movements did D. Gruen and Son offer back in that period? It wasn't that many.