

EXPERIENCES WITH THE
MAXIM
SILENCER



By
HIRAM
PERCY MAXIM



HIRAM PERCY MAXIM

Foreword:

The **Maxim Silencer** was developed to meet my personal desire to enjoy target practice without creating a disturbance. I have always loved to shoot, but I never thoroughly enjoyed it when I knew that the noise was annoying other people. It occurred to me one day that there was no need for the noise. Why not do away with it and **shoot quietly?**

For nearly two years I sought for some way to check the powder gases from bursting into the air when the bullet left the barrel. This is what causes the objectionable report noise. I thought of every kind of a valve, vent, by-pass, expansion chamber, etc., and built some of them. None were satisfactory. It seemed quite a problem to find a hole through which the bullet could pass, but through which the powder gases could not pass.

One morning after my bath I noticed in the bath tub the miniature whirlpool that forms over the drain hole when the plug is

pulled and the water starts to run out. There was the familiar little hole down in the center of the whirl and it started me thinking that here was an exactly similar case to my powder gas and bullet problem. Here was water in a bath tub, the drain plug pulled out, and yet the water was able to run out but **slowly** because it was **whirling**.

Why would not the powder gases act the same way as the water, if they were whirled? The whirling would give them centrifugal action precisely as it did the water, and cause a "hole" to form in the center just as the hole formed in the water. In a flash I saw the "hole" for which I had been looking for nearly two years.

I immediately made a little "whirling tube" which would catch the powder gases as they burst from the muzzle of one of my rifles and whirl it around vigorously. In the center I provided a hole for the bullet to pass through but considerably larger than the bullet so it could not touch. The gases had no escape except through this central hole. Being central they could not possibly get out until they had **slowed down**. This of course meant that they must come out gradually and, in consequence, noiselessly. The first time I shot the rifle I was quite excited. I will never forget the sensation I experienced when I found it was **quiet**.

That was the birth of the Maxim Silencer.

The letters from sportsmen in all parts of the country, reproduced on the following pages, will give a more graphic idea of the uses and advantages of the Maxim Silencer than I could in my own words. You will find every one of these letters exceedingly interesting.

Hiram Percy Maxim.

My Own Experience in Teaching My Son to Shoot

By Hiram Percy Maxim

I had an interesting example of the advantage of the Silencer in target shooting in the case of my son Hamilton. He was nine years old at the time, and for a year had owned and shot remarkably well a little .22 cal. Savage rifle. One day some friends and I planned an afternoon on our 200 yard range with the U. S. Springfield service rifle. Hearing of it, the boy asked to be allowed to go along. Always willing to encourage his interest in the manly sports, I consented.

After watching the shooting for a while, he suggested that he would like to try it. At first I would not consider it, fearing the child would be hurt. He was only nine years of age and I feared to let him shoot such a powerful gun even with the Silencer. The more I thought of it, however, the less dangerous it seemed, and finally I decided to make the experiment.

The rifle was too heavy for him to hold and he had to shoot kneeling. I gave him one cartridge to begin with and after warning him to hold tight and be careful I left him to work it out himself. He understood the sights. After much preliminary squirming he finally found a position which suited him and sighting as carefully as an expert he pulled. I half expected to see him burst out crying. He did nothing of the kind, however, but quietly looked up and waited for the shot to be marked. Judge my astonishment when it was a 4.

Believing firmly it was an accident, I asked him how he felt and when he answered "all right," I gave him another cartridge. He repeated the operation only this time, it was a 5—a bull's eye. Wondering what it meant, I gave him a clip of five cartridges and stood back to watch. He got two more 5's, a 4, one miss and a 3. To complete his ten, I gave him three more cartridges with which he got a 4 and a 3, giving him 33 out of a possible 50.

Needless to say, the young man was heartily congratulated by all present. His target was dated, signed by himself in his own scrawling handwriting and witnessed, and afterwards photographed. Twenty years hence, when he grows up, it will be an interesting relic.

Afterward he shot several more strings with us, but being flustered by the attention he had received, did not do as well. He must have shot thirty or forty rounds altogether. When we started for home, he was asked how his shoulder felt. He said his shoulder was all right, and appeared surprised at the question. Little did he suspect what he had been saved. Without the Silencer, he would have been seriously bruised and his tender young ears would have rung for hours.

Ten Cent Piece Covers 10 Shots

"The .22 calibre Maxim Silencer I bought some time ago for my Steven's Pope Rifle, has given entire satisfaction.

I have made 10 consecutive shots at 50 yards that could be covered by a ten-cent piece.

I would recommend this Silencer for indoor uses to all marksmen.

E. S. M., Waynesboro, Pa.



Showing the Boy



*Noiseless
Indoor Shooting*

His First Crow Shoot

"I certainly had a funny go with one of your Silencers last Sunday. J—gave me a Winchester automatic .22 calibre for Christmas, with a Silencer attached, and it sure is a beauty. This makes two Silencer outfits in the family now. T., my fat brother-in-law, was with us over Sunday and I thought it was about the proper thing to show him what a lot

of fun can be had shooting crows with a Silencer. In the winter there is nothing else around here to shoot, and I have worked it out so that it is a pretty live sport.

Well, T——said he was willing so we got into my car and ran out to the place I have which is on the line the crows take every afternoon on their way to the rookery. Every afternoon about four o'clock they begin and there is a steady flight of them for an hour or more. There must be thousands and thousands. I have a little blind fixed up in a Pasture where there are a lot of stunted cedars, and it makes a fine stand.

We got in the blind about four and I gave T—— the repeater while I took the new automatic. It was the first time I had taken the latter out. Somehow or other the crows did not appear as soon as usual, or else we were a little early for T——commenced to jolly me about bringing on my crows. He was already all right and if I would attend to my part of the contract, the ball could open.

Finally I sighted the advance guard. I got the old crow call going, much to T—'s amusement and in about a minute I saw it had been heard. The



*Noiseless
Outdoor Sport*

whole line veered and started toward us. T— didn't catch on until they were right overhead circling and cawing like mad. Then you should have seen him. He is not much of a sport, and probably has been hunting about twice in all his life. He is fat, and likes a hammock, a good book and a black cigar more than tramping in the open. But he has all the good old instincts just the same although they are dormant most of the time.

He had my repeater which carries some 12 or 13 cartridges, and I had told him how to load and work it. He had a little box of cartridges opened on the ground beside him, and as it was pretty cold, he had his gloves on. When T— caught sight of the cawing birds circling overhead hundreds of them all within easy range, he jerked his gun to his shoulder with a snap, spat out his cigar butt, and went into action with a vengeance. He astonished me. All the fighting blood of his noble ancestors rose up in him and went at it as though his life hung on the result. He pumped in fresh shells and blazed away and squirmed around trying to kill the whole flock at once until he nearly upset the blind. I got to laughing so I simply had to give up.

Finally he came to the last cartridge and discovered that his magazine was empty. Did he stop? Well I guess not. He dove into the box of cartridges and in a frenzy began to reload. Picking them up one at a time wasn't fast enough so he just poured them out. Then his gloves got mixed up and he spilt a lot out on the ground. Then off came the gloves and such a scramble you never beheld in all your life. I had stopped shooting to watch him and the birds stopped coming or saw us, so by the time T— was ready again there was nothing to shoot.

He was heartbroken. He just thirsted for blood. Turning to me he said half mad, "why didn't you shoot?" I told him I had done my best, having got three out of ten shots which wasn't so bad. "Come off," said he, looking me in the eye for a joke. When I pointed out the dead crows out in the field you should have seen good old T——'s face. *He had not heard my gun notwithstanding he was in the same blind with me.*

Well, we had several more "battles" and each time T—— almost went mad. He shot away every blooming shell he had and never hit a bird. All he seemed to want to do was to wade in and shoot as fast as he could pump the gun. I got a little better results with the automatic, probably because I was less disturbed by not having to work the "pump" of the repeater. And it takes some shooting, let me tell you to get a crow on the wing, even though he is circling overhead. For me it beats trap shooting all hollow.

But just think of it—crow shooting Sunday afternoon, with no noise, in fact, not enough for the man in the same blind to hear your gun. Without the Silencer this would be absolutely impossible. One shot, and good-bye crows."

W. T. S.

Improved His Marksmanship 25%

"Since writing you I have purchased a .22 cal. Maxim Silencer of Jos. Weigand, a sporting goods dealer of Merrill, Wis. This Silencer on my target pistol completely eliminates the noise of shooting and there is no more noise than is made by the action of the gun. It has also improved my shooting about 25 per cent., as it counteracts the tendency of the gun to jump or fly upward at each shot. I would not take \$50.00 for it, if I could not get another.

I have not tried a Silencer on a high power rifle yet as I disposed of the rifle I had, but I will purchase another before next hunting season and you may be sure it will be equipped with a Silencer."

R. R. J., Irma, Wis.

Splendid for Noisy Cats

"I want to tell you how your Silencer helps us keep house. We live in a big apartment house and there are neighboring back yards which are regular battlefields for cats. These half wild creatures nightly get into political arguments which disturb us so much we lose sleep.

My wife, who is a nervous invalid, but nevertheless gifted with a fine working imagination, suggested to me that I buy a Maxim Silencer and shoot the troublesome animals. Being something of an outdoor man and fond of hunting, the idea struck me as pretty good. I bought a Silencer for my little Remington, and put it on easily—thanks to the little coupling which came with it.

The first night after getting the thing fixed up I had a good chance to use it. We had retired and were just getting to sleep when a couple of cats started up. I immediately got up, and finally located them right down on the grass of a yard. Knowing the little .22 short cartridge would be perfectly safe fired into the grass and earth from above, I got out the little rifle and with considerable excitement got a bead on the biggest one of the cats. I pulled the trigger, there was a little click and the old cat went end over end a couple of times and then lay still. The other cat paused a moment and then withdrew in haste, and we were left in quiet.

I suppose the people who found the dead cat put it in the ash barrel for me. It is great having your game retrieved this way. Since then I have done away with just ten cats who have disturbed our sleep at night. Instead of being in trouble all the time over the noise, we now have quiet nights or the means to make them quiet if they get noisy.

Anyone understanding how to shoot safely and living in a neighborhood where cats are troublesome ought to get a little .22 cal. rifle and a Maxim Silencer without delay."

A. L. M.

Thought it had Missed Fire

"You will be interested in a little incident I had up in Canada on a recent fishing trip.

I took along a .22 cal. rifle which I fitted with one of your Maxim Silencers. I always take this little outfit with me everywhere I go, just for the pleasure that can be extracted from shooting at a mark. One morning before breakfast at the camp, I stepped outside with one of the other members of the party to take a few shots at whatever there was around. Frequently I get a little something which goes well on the table. I had turned the gun over to my friend to try, when a large hawk appeared overhead, circling and looking for his breakfast.

Pointing to it as a fine shot and a good thing to get rid of, he up with the gun and begins shooting. The first shot he took he landed, as I could distinctly see. Evidently he was not aware that he had hit the hawk, possibly because of his astonishment at shooting a noiseless gun for the first time. He brought the gun down from his shoulder and looking at it he said, "missed fire." In the meantime the hawk's body had fallen on the far side of a tree. "Missed fire?" I replied, "how about that?" pointing to the hawk's body on the ground.

Needless to say, he was amazed. He had given no thought to the hawk, thinking the gun had missed fire. He had to shoot several times before he could believe his own eyes, that he was actually shooting a real .22 long rifle cartridge. I thought you might be interested in this little experience."

J. E.

He Got His Deer

"I got a deer this season which I would not have got if it had not been for your Maxim Silencer. It happened like this:

I came out onto a little pond and across on the other side I saw a deer drinking. I had my .30-30 and immediately brought it up and let go. I missed, holding too high. The deer did a strange thing. It

jumped, hearing the bullet crack overhead, but did not seem to know which way to run to avoid the noise. As you know, bullet crack always sounds right over your head, no matter which way the bullet is traveling. There is no idea as to where the gun is.

This deer was confused. He finally backed into bushes before I could get another good chance at him. I waited to see what would happen, and in a minute or so out he came again. He looked around and came all the way out, evidently not entirely scared, but just curious. I let him have it again, and strange to say I missed the second time. I held on his shoulder and he moved just as I pulled. This time he jumped again, but did not move away, seemingly trying to study out that little "cracking" noise.

I got another shell in and this time I got down to business and landed him. The distance was not more than 100 yards, and you can imagine how much chance I would have had at that deer without the Silencer. The first loud bang of the report would have sent him scurrying never to return.

I had several other experiences with the Silencer which I think would interest you. I am convinced it is a very good thing from the humane standpoint and also for saving the game, although many people who have had no experience with it think otherwise. With a Silencer a hunter gets his first animal, usually. He has more chance to. This means there are less wounded animals which get away and die. We all know how often we find a poor creature's body, with all the signs of having crawled away wounded and left to die slowly. The loud report noise of the regular gun prevents a second or a third shot, which in many cases are necessary to kill."

W. G.

Muskrat Hunting

"Your Silencer certainly is a great thing for muskrat hunting. I had an experience the other day which I am going to write you about.

At this season our river comes up and floods the banks and forces the rats out of their holes and we get them with small rifles and shotguns. A friend and I were out after them in a boat and I had my .22 rifle with one of your Silencers on it so as to keep down the noise. I saw a rat on the bank and after getting the boat as near as we dared, I fired. I failed to connect, probably because the boat was not steady. The bullet plunked into the mud back of him. Of course I expected that would be the last seen of that rat.

But this was where the Silencer came in. Instead of diving, that rat hearing only the soft plunk of the bullet in the mud back of him, turned to look at what was behind him, thinking that was where his danger was located. I caught on right away and getting in another shell I took more careful aim and got him. I would have lost him without the Silencer.

Some time I will write about a queer experience I had shooting skunks with the Silencer."

Sparrow Shooting

"Please send me catalog showing present method of attachment of Silencer. I want one for a .28-30 Stevens barrel which is not standard either in muzzle diameter or taper. The Silencer which I have on a .44 cal. shot barrel is about the most satisfactory implement I ever possessed.

The total bag of English sparrows on my premises of about five acres, between two streets, since January 1st, is less than a dozen while on the premises of an adjacent neighbor where they have not previously been shot, I have killed about a hundred and fifty in the last month.

The consequent increase in song birds and other insect eaters is notable, and is plainly shown in condition of fruit trees and shrubbery. This shooting would be entirely out of the question in this vicinity without the Silencer.

It is especially to be noted that this muffled shooting does not in the least degree alarm the other birds.

F. W. W., Norwichtown, Conn.

Miniature Trap Shooting

"I am sending you a couple of photos of our Noiseless Trap Shooting Club which I trust will interest you. We use .22 and .32 shot cartridges, in smooth bore rifles fitted with your wonderful Maxim Silencers. We also use regular Blue Rock Clay "birds" and a regular Leggett trap. The latter is mounted upon a bracket so that the "bird" is thrown nearly straight up. We stand back twenty feet from the trap.

This outfit enables us to enjoy trap shooting on the front lawn without disturbance or danger. The Silencers stop the noise and the shot cartridge is perfectly harmless beyond 200 feet. Some of us have become crack shots, and we think it great sport. Incidentally it is much less expensive than regular trap shooting, and it is always convenient. We can set up the trap any time in almost any place. We propose trying .32 single shot smooth bore pistols next, with Silencers. If it works out all right we will have pistol trap shooting, something entirely new."



Noiseless Trap Shooting

A Slender Young Lady's Experience

"I have just got back and today have been trying out that Featherweight Savage .303 rifle which you fitted with a Silencer, and must say that I am very pleased with the result. The gun makes a bit of row with the high steam cartridge, but it does what I particularly wanted: reduces the recoil. And with those cartridges which you supplied, it does away with both recoil and noise, much better than when using the auxiliary cartridge and revolver ammunition. It looks almost ridiculous to pull the trigger and see a squirrel drop with less noise than snapping a primer in an empty shot gun shell.

I am sorry that I did not have a rifle fitted with a Silencer long ago. It is the first one in this district and appears to be attracting quite a little interest among the local shots, quite a few having been patiently waiting for me to come and try it out.

I ordered a .22 cal. rifle to be fitted with a Silencer on my way up which you may have heard of by now. I will be pleased to answer any one inquiring about a Silencer around here or let them see it used should they care to come along.

I may say that the rifle will be shot mostly by a slightly built lady who is enthusiastic over the idea of being able to kill big game without having her shoulder battered to the various colors of the rainbow by her high power arm."

J. B. Flagstone, B. C.

Bringing Ducks up to the Gun

"Here is an experience with one of your Maxim-Silencers which you will probably find hard to believe notwithstanding it is an actual fact.

I was duck shooting from a boat which I had pushed in among the reeds out of sight. A flock of ducks came in and settled in the water considerably beyond the reach of my shotgun. I had figured that one of your Silencers on a .22 cal. rifle would be a good thing

to have around when shooting ducks. I decided to try it this time, and see if I could not bring those ducks nearer in.

I picked up the .22 and shot out beyond the ducks so that the bullet would hit the water on the far side of them and far enough off to wake them up but not frighten them into the air. They immediately took notice when the bullet splashed in the water and began swimming away from the disturbance, and toward me.

After a while, I sent another bullet out and kept repeating the operation every minute or so. I found that I could steer these ducks perfectly. They could not hear the gun and of course I could bring them right up toward me. I really brought them up within easy range of the shotgun and got one with each barrel.

It seems like a fairy tale to write, but I vouch for the absolute accuracy of the above "

R. E. P.

Killing Crippled Ducks

"I am one of those who enjoy duck shooting and one of my difficulties has been killing crippled ducks. There are always several of these in a day's shooting which are not killed, but seriously crippled. They fall into the water and if they are in range of the shotgun you have to blaze away until you kill them. Sometimes you do it and sometimes you don't. Anyway, you kick up an awful row, scare new birds from coming in and waste a lot of ammunition.

I have found that a .22 cal. rifle with a Maxim Silencer just fills the bill for killing these cripples. It allows you to get them when they are out beyond the range of the shotgun, and there is no noise to frighten away other flocks. The best cartridge to use I find to be the .22 smokeless Long Rifle. I can get a duck practically every time at 100 to 125 yards. You ought to tell duck shooters about this. Most people dislike to cripple the poor creatures and let them get away to die a lingering death."

A. B. T.

Training Recruits

The following is taken from a letter received from an Army Officer:

"Enclosed you will find the record of five men in my Company who have given us a lot of trouble. Two of them are recruits and three are old men. All five are what we call "chronic flinchers." They have been the despair of their officers and comrades, being so gun shy as to be incapable of making a respectable score on the range.

Believing that Silencers would help them, I secured five and fitted them to their rifles. The scores tell the rest of the story.

You will see that the first string beat the best previous records ever made by any of these five men. You will also see that after finishing the programme with the rifles fitted with Silencers, these men were able to also beat the previous averages with regular rifle. I ascribe this to learning the knack of shooting without flinching. This knack was a sealed book to these men before they used the Silencer.

There is no doubt but what much can be gained by starting recruits in with rifles fitted with Silencers and thus teaching them the principles of proper holding and trigger pull. The greatly reduced recoil, and the annulment of report effected by the Silencer prevent forming the flinching habit. I consider these results as very important."

The Silencer works perfectly on the .22 Winchester automatic rifle.

The Silencer is not recommended on high power auto-loading rifles, nor shotguns.

Shot loaded cartridges up to .45 cal. work perfectly in the Silencer.

The Maxim Silencer will not silence a revolver nor an automatic pistol.



First Use of the Maxim Silencer in Actual War

This report was made to me by the personal representative of a Mexican officer who for the past two years has figured in active hostilities. The report gives the first authentic information regarding the use of Maxim Silencers in actual battle.

It seems that a number of Maxim Silencers were purchased in one of the border cities on the American side. They were evidently used extensively in the first revolution on Madero's side, and it seems that they are again in use at the present time. When I asked about their military value, I was informed that my Silencer's chief value was altogether different than I had predicted.

Instead of its chief value being the concealment of position, I was told that it was the favorable effect upon the soldier. The latter, when furnished with a rifle equipped with Silencer, became possessed of the idea that he could take greater chances without injury to himself, and always shot more carefully.

This, according to my informant, was a very valuable thing indeed. He said that it tended toward making every man a sharpshooter. I was asked if I had expected this, and I was forced to acknowledge that I had not thought of it, although I could easily see how it could be so.

I imagine this will surprise several military experts, as it surprised me. No one to my knowledge predicted this.

Another curious thing was the reported effect of the Silencer upon the nervous and physical organization of the soldier. It seems that in consequence of the terrific report and recoil of many of the rifles used, that the men acquire a state of excitement, which after several hours produces serious fatigue. In this condition the average man cannot be counted upon. It was stated that the men with the Silencers could always be counted upon at critical moments, even late in the day. The reason given was that these men had not been subjected to terrifying noise and continual recoil pounding.

This condition was predicted by some of our United States officers after the first Maxim Silencer tests.

Another thing that came out as predicted according to the report, was the effect upon marksmanship. I asked about this particularly, and the reply was that the Silencer gives the soldier the idea that he is safer and he can be more careful in aiming, and as a natural result his marksmanship is better. It was claimed that with the Silencer the soldier takes an interest in hitting what he aims at. If this is so throughout the rank and file of an army, it is a matter of the greatest importance.

The prediction made by most military experts regarding improved control of the firing by officers was borne out. The fighting in Mexico seems to be generally open order. The men are scattered and not in solid masses.

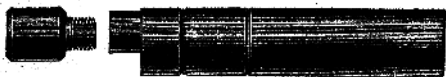
It was said that officers have great difficulty in controlling the fire of these men because of the noise drowning out the sound of their voices. When the men having Silencers were grouped together, their control was said to be perfect. Officer's orders could always be heard no matter how rapidly they were shooting. It is interesting to note that this exactly bears out the predictions made by the U. S. School of Musketry. Confusion on the part of the enemy regarding location of firing line and the number of guns against them and also the reducing waste of ammunition were mentioned. The report was of great interest as it constitutes the first word from the actual battlefield.

Hiram Percy Maxim.



The Deadliest Firearm ever Invented

Your Question is Probably Answered Here



.22 Calibre Rifles

This is an accurate illustration of the .22 calibre Silencer and its coupling.

The coupling simply has to be driven tight onto the end of your gun barrel. Once on, the Silencer can be attached or detached at will by a single twist of the wrist. A small sleeve or cap is furnished which can be used to cover the threads on the end of the coupling when the Silencer is off, thereby giving the gun its usual appearance.

Different-sized couplings are made for different-sized gun barrels. When ordering, state **make** and **model** of your rifle, and whether barrel is **round** or **octagon**, and the proper size coupling will be furnished.

Model, 1912, 1 in. x $4\frac{1}{4}$ in., weight 5 oz., \$5.00 with coupling.

This Silencer will make your gun noiseless. It will double the pleasure of your shooting and your advantage in hunting and target practice. Once you have enjoyed the experience of **shooting quietly**, you will never be satisfied with the old-fashioned noisy report.

.25-20 and .32-20 Rifles

As with the .22 cal., these Silencers are attached by means of couplings which simply have to be driven tight onto the end of the gun barrel. Once the coupling is on, the Silencer can always be attached or detached by a single twist of the wrist. Different couplings are made to suit the various sizes of gun barrels. When ordering state **make** and **model** of your rifle, and whether barrel is **round** or **octagon**, and the proper size coupling will be furnished.

The dimensions and weights are as follows:

.25-20, 1 in. x 5 in., weight 7 oz., \$7.00 with any size coupling.

.32-20, $1\frac{1}{8}$ in., x $6\frac{1}{4}$ in., wt. 12 oz., \$7.00 with any size coupling.

Either one of these Silencers will absolutely annul the noise made at the muzzle of the gun by the report and also take out practically all of the recoil. With ordinary ammunition, this does not give strictly noiseless shooting because the bullet from the usual cartridge has a velocity high enough to make a noise of its own in its flight through the air. By sacrificing some of the velocity, this bullet flight noise may be avoided and strictly noiseless shooting obtained. We furnish this ammunition or give you exact information regarding loading it yourself.

.22 Savage High Power "Imp"

This Silencer is attached to the gun barrel by means of a coupling which slips onto the end of the barrel and locks back of the front sight by means of a clamp band. The Silencer can be attached or detached at will by a single twist of the wrist. Small cap covers the threads on the end of the coupling and gives a neat appearance to the barrel when the Silencer is off.

The size and weight are as follows:

Diameter 1 in., length $5\frac{3}{4}$ in., weight 7 oz. Price of Silencer only \$6.00. Price of Coupling only \$2.50.

This Silencer is especially good on the Savage "Imp". The gun has an extremely sharp report and the Silencer entirely does away with this. It also takes out the last bit of recoil. It doubles the pleasure of shooting the gun. It, of course, does not stop the noise made by the bullet in its flight through the air. As with other high power rifles, this bullet flight noise is always heard with regular ammunition notwithstanding the fact that the gun report is entirely eliminated by the Silencer. By sacrificing some of the bullet velocity, strictly noiseless shooting can be obtained.

.25-35 Rifles

For Winchester, Savage, Stevens and Marlin rifles of this calibre, a Silencer and Coupling is furnished. The coupling drives tight on the end of the gun barrel after removing the front sight from the latter. A new front sight is furnished in the Coupling to take the place of the one driven out of the barrel.

The Silencer can be attached or detached at will by a single twist of the wrist. A small cap covers the threads on the end of the coupling when the Silencer is off.

The size and weight are as follows:

Diameter 1 in., length 5¾ in., weight 8 oz. Price of Silencer only \$7.00. Price of Coupling only \$2.50.

The Silencer entirely stops the noise made at the muzzle of the gun by the report and also takes out 75 per cent. of the recoil. With ordinary ammunition, strictly noiseless shooting is not obtained because the bullet from the regular cartridge has a velocity high enough to make a noise of its own in its flight through the air. By sacrificing some of the velocity, this bullet flight noise can be avoided and strictly noiseless shooting obtained. We furnish this ammunition or full information regarding loading it.

The Silencer improves marksmanship and the advantage in hunting or target practice to an extent that is difficult to believe until it has been tried. With the reduced velocity ammunition, target practice can be enjoyed anywhere without creating the least disturbance or attracting attention.

.30 Calibre up to .45 Calibre Rifles

For Winchester, Marlin, Savage and Stevens and all other makes of repeating, or single shot rifles in any calibre between .30 and .45, Silencer and coupling is furnished with either sight type "drive-on" coupling or clamp type coupling.

The "drive-on" type coupling is used on all rifles having front sight which can be removed from gun barrel, leaving a plain round barrel.

The clamp type coupling is used on all rifles having front sight mounted upon a base built into the gun barrel.

The Silencer attaches or detaches from the coupling by a single twist of the wrist. A cap is furnished which covers the threads on the end of the coupling when the Silencer is off, giving the gun barrel a finished appearance.

The size and weight are as follows:

Diameter 1½ in., length 6¼ in., weight 12 oz. Price of Silencer only \$7.00. Price of Coupling only \$2.50.

On any one of the rifles mentioned above the Silencer absolutely annuls the noise made at the muzzle by the report,—even in the most powerful such as the Winchester, cal. 405, or the Winchester Model '95 shooting the Government '06 cartridge. This is not only accomplished, but in addition the recoil is reduced 75 per cent., and changed from a kick to a softened push.

As in the case of the other high power rifles mentioned above, noiseless shooting is not obtained with the regular cartridge because the bullet of the latter has a high enough velocity to make a noise of its own in its flight through the air. This noise is, of course, not nearly as loud as the report noise. It can only be stopped by sacrificing enough of the velocity to bring the latter down to 1100 feet per second, at which point the bullet flight noise always begins. We furnish this ammunition or full information regarding loading.

The Silencer vastly increases the value of any of the high power rifles on account of the greater pleasure and interest in shooting and the greater use that can be made of the gun. Small game can be shot around camp without frightening away big game which may be in the neighborhood. Target practice can be enjoyed even at home with reduced velocity ammunition without the slightest disturbance being created. Marksmanship is improved because of the stopping of the report noise and reducing the recoil which stops the tendency to flinch, almost unavoidable when shooting a high power rifle.

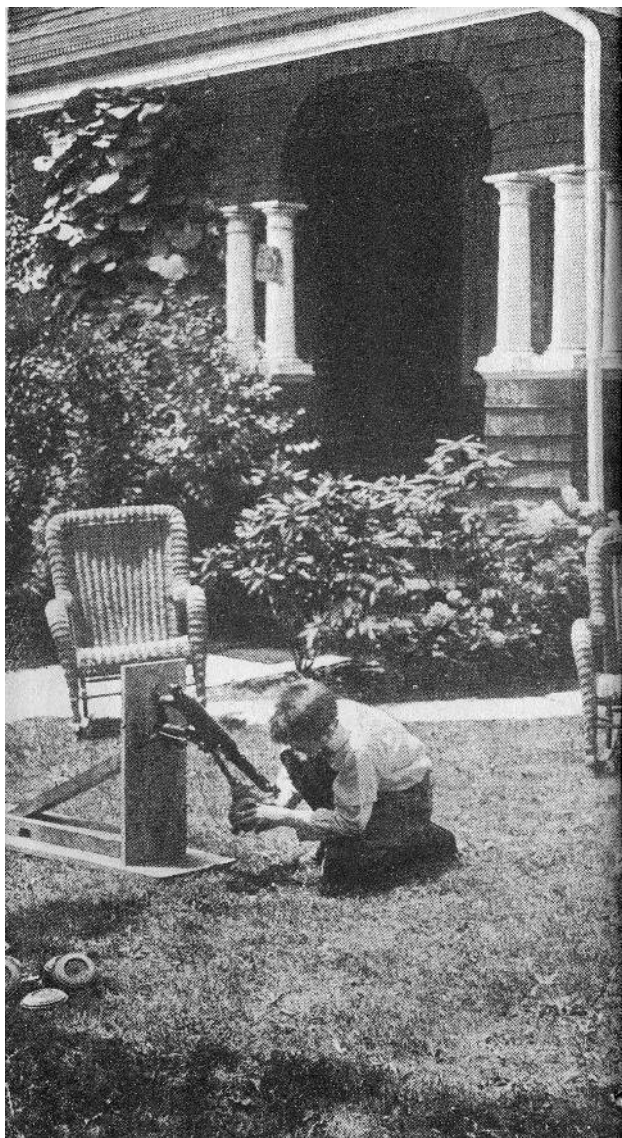
By threading the rifle barrel, any Silencer can be attached without coupling. We recommend this direct attachment wherever possible, as it saves both the weight and expense of the coupling.

One Silencer can be used on any number of different guns provided the calibre of the gun is not greater than the calibre of the Silencer.

The Silencer does not injure accuracy, but actually improves it on account of the steadying action of the Silencer on the gun barrel. The bullet is not supposed to touch the Silencer in passing through and consequently it has the same clear flight whether the Silencer is on or off.

The best .22 cal. ammunition to use in the .22 cal. Silencer is regular smokeless Long Rifle. The cartridges furnished by some makers loaded with Lesmok powder have bullet velocities high enough to make bullet flight noise. The regular smokeless cartridge does not.

The Silencer can be cleaned by letting hot water run through it. A good way is to attach it to a hot water faucet and let the water run through slowly for two or three hours.



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