

1477 E. Michigan Ave.
Battle Creek, MI
49014-8950

THE FERREE PRESS



Ph: 800-253-2261 or
269-965-0511
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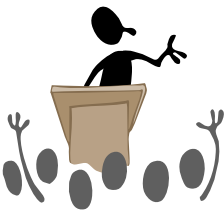
E: ferreestools@aol.com
E: repairtips@aol.com

Hours: 7:30-4:45pm est.
Monday-Friday

SEPTEMBER 2005

©

Pg. 1



FREE REPAIR CLINIC

Sign up now for one of our free woodwind repair clinics. Every Saturday in October. Only 12 slots available each week, so call today. Call 800-253-2261, 269-965-0511 or Fax 269-965-7719. Email: ferreestools@aol.com
Any questions on what will be discussed, please feel free to contact Gary anytime at his email address: repairtips@aol.com or call.

FREE OFFER

PARTS WANTED

A complete B-B flat key-guard (clothes guard), for a King Super 20 Tenor Sax, Serial number 372084. Call Bob at 352-795-3465.

A #1 piston for a Yamaha YBB-102. Contact Ken Emde at 785-235-8171 or email at emde2@hotmail.com



NEW PREMIUM THIN FLUTE PADS (NEEDLE FELT)

- B7** White, .098" (2.5mm) thick, double skin
\$10.45/dz or \$74.60/c
- B7B** Flute pad set (specify sizes)
\$14.60/set
- B8** Yellow, .098" (2.5mm) thick, double skin
\$10.45/dz or \$74.60/c
- B8B** Flute pad set (specify sizes)
\$14.60/set

NEW L14A V-BLOCK

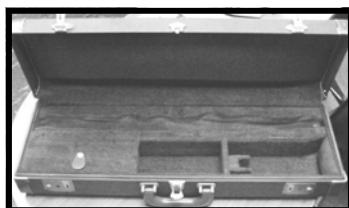
This newly engineered L14A V-Block has a sharper design to hold larger rods more securely, a new provision to hold the N54 and N55 knuckle tools and a deeper back to prevent "fall out". Pictured above with retaining screws installed.



L14A New V-Block \$17.50

SHOPWORN ALTO CLARINET CASES

These alto clarinet cases would list around \$200.00 new. They have sturdy wood construction, 25.25" inside. They have a heavy duty post handle and safety hasp, flush mounted hardware, durable 3 stop hinge, and steel re-enforced corners with vinyl cover.

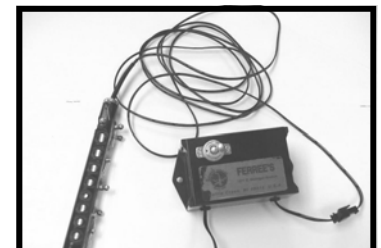


\$40.00 each

NEW Q75 PICCOLO LEAK LIGHT

This new leak light has an unbreakable light source which is .200" thick; compare breakable bulbs at .250." It comes with a 6" length bulb and has quick disconnect capabilities for bulb replacement.

- Q75 \$69.50**
Piccolo Leak Light
- Q75-6 \$16.50**
Replacement bulb



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Pg. 2

NEW P1 PRECISION FLUTE ROLLER



You can do very high quality professional dent work on even the most delicate flutes. This smooth running, specially machined, precision roller is faced on one side to allow you to get super close to a rib and is small enough to fit places previously inaccessible.

P1 Precision Flute Roller \$119.50

H58 HEAVY DUTY TENON SWEDGER

The H58 mounts in your vise. It comes equipped with 6 collets for most alto and tenor saxes and a release wrench. Two of the collets provided fit most alto saxes and the four larger ones fit most tenor sax tenons. We can make almost any special size that you need.



H58 Tenon Swedger \$239.50

F8U REFURBISHED TORCHES

When you order one of these pre-owned torches it will have one of the following brand names on it National, Veriflow, or Premier. The torch is very comfortable in your hand. The company has changed names a few times due to acquisitions, but the product is still good. They look and work the same.



F8U Used Torch \$40.00



Do you have a **technical** question? Feel free to contact Gary at this email address repairtips@aol.com. Or, you can call 269-965-0511 for information as well. Just let us know what you have a question about and we can direct you to the appropriate person.

Do you have a question about an order? You can contact us at ferreestools@aol.com. You can also call us at 1-800-253-2261/269-965-0511, or you can fax us at 269-965-7719. **We're ready to help you!**

Please Note: We will not be taking special orders for Selmer or Leblanc items anymore. Due to delayed orders and receiving incorrect parts we will no longer be able to offer this service.

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Pg. 3

Z97 SCRATCH BRUSH MACHINE



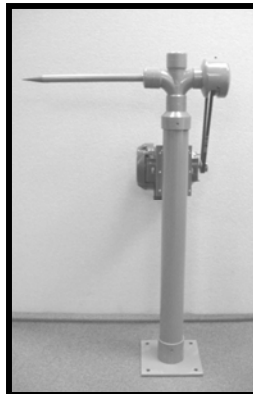
The Z97 Scratch brush Machine includes a mounted 1/4 hp totally enclosed motor. This machine incorporates a permanent tapered spindle, plastic covering and is available either right handed or left handed to fit the area of use.

Z97R Right handed \$695.00

Z97L Left handed \$695.00

Make sure you specify which you would like. Right handed or left handed scratch brush machine

Use the H11 thru H14 newly re-designed scratch brushes with the Z97.



G56 CLARINET BORE MEASURING TOOL



A quick and easy way to measure clarinet bores. Compare the bore of the top joint with the bore of the barrel that you are using or have to match the bore to the top joint using this **G107 Precision Barrel Reamer**. You may also want to match the bore of the mouthpiece. We recommend measuring the body side of the barrel first; that way you can see the difference when you install the probe into the body. To measure, loosen the set screw slightly, carefully insert the graduated aluminum probe into the bore, slide the brass housing down to where it bottoms out in the socket, lightly tighten the set screw and remove the unit from the bore. The end of the brass housing will be marking where the bore size is. Just use your G5A or G5B calipers or P19 micrometers to measure the aluminum probe at that point. Write down the size and proceed to measure the other part.

G56 Clarinet Bore Measuring TL. \$77.50

Note: If you already own this G56 tool and want to send it back to be updated to the new spec's "Free of Charge" and make it work better with the G107 Barrel Reamer; just address it to: **Ferree's Tools, Inc.-Attn" Curtis Ferree-1477 E. Michigan Ave.-Battle Creek, MI 49014-8950**

G107 PRECISION BARREL REAMER

Now, correct or modify a barrel with precision! With this tool you can bore out the barrel to match the bore of the clarinet body and you can also match the bore of the barrel to meet the bore of the mouthpiece. Measure accurately so that you don't overbore the barrel. This tool has been used for several years by Repairmen heavily involved in custom clarinet modifications. Used in conjunction with item G56.

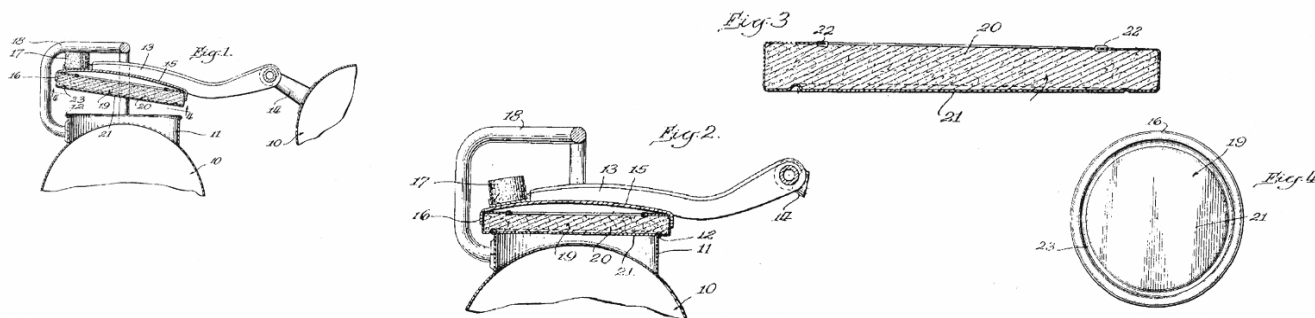


G107 Precision Barrel Reamer \$92.50



Musical Patents of the Past

No. 109



United States Patent Office
C. Michalek
PAD FOR WIND INSTRUMENT KEYS

JUNE 18, 1940

2,204,766

This invention relates to pads for wind instrument keys and to a method of installing said pads in the keys.

One of the objects of the invention is to provide a pad which, when installed in an instrument key, will cooperate much more accurately than heretofore with the socket which it normally closes.

A further object of the invention is to provide an improved pad which, when installed, requires no compressive force and no key movement after it contacts the socket, in order to complete the closure of the socket.

Other objects, advantages, and capabilities of the invention will appear from the following description of a preferred embodiment thereof, taken in conjunction with the accompanying drawing, in which:

Figure 1 is a fragmentary section through a saxophone socket and associated key, the key being in open position;

Fig. 2 is a similar view showing the key closed.

Fig. 3 is an enlarged view of a pad embodying my invention, and

Fig. 4 is a plan view thereof. Referring to the drawing, the reference numeral 10 designates portions of a horn of a saxophone, one of which is provided with a socket 11. The socket 11 is normally of cylindrical form and is provided with an outer rolled or beaded edge 12. A key 13 is pivotally mounted on a bracket 14 carried by the horn 10. The key is provided with a flange disc 15 is adapted to overlap the socket 11. The disc 15 is somewhat concave in form as viewed from the socket, and it is provided with a marginal rim 16 of circular or cylindrical formation.

The key 13 is normally biased by means (not shown) away from the socket 11. It may suitably be provided with an abutment 17 of felt or other suitable deadening material which is adapted to engage a stop member 18, as shown in Fig. 1. The instrument, of course, comprises manual means (not shown) whereby the key may be moved from the position shown in Fig. 1 to the position shown in Fig. 2, in which

the socket 11 is closed by the key. This closure is normally affected by means of a pad 19 which is mounted within the flanged disc 15, as shown in Figs. 1 and 2.

These pads are normally made of a piece of felt 20 to which is secured a cover 21 of kidskin or other soft sealing material. The cover 21 is suitably in the form of a disc of such leather or material, the edges of which are bent around the periphery of the disc of felt 20, the marginal portion of the disc of leather 21 being located on the back of the disc 20 and around the edge thereof. The elements 20 and 21 are suitably secured together by stitching 22 or by other suitable means.

In the pads heretofore used both the elements 20 and 21 were of soft material and, consequently, they were to some extent irregular in shape. When the player closed the key, part of the player's finger would have to move the key still further to complete the closure of the socket.....