

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

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

# THE FERREE PRESS



Ph: 800-253-2261 or  
269-965-0511  
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For Orders & Acct-  
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July 2006



Pg. 1

## \*NEW\* L65 ECONOMY BUTANE BUNSEN BURNER



The Economy Butane Bunsen is a lower priced version for portable bunsens. Slightly cooler flame, preferred by some all-around repairmen who also do violin bows, accordions, etc. Flame is more on the order of an alcohol lamp but is more dependable and is without the alcohol odor. Is also used to melt shellac and other adhesives on pads or in the pad cups.

**L65 Economy Butane Bunsen Burner**  
**\$42.50**

## PARTS WANTED

Low C Keyguard and a Low Eb Keyguard for a King Super 20 Tenor Sax. Dating from the late 60's (448001). If you have these parts or know where they can be found please contact Steve at Alder Creek Music in Tonawanda, NY. 716-693-5456.

Key rollers for Old Conn, Buescher and King Super 20 saxophones. If you have these parts or know where they can be found please contact

Tom at [tjlee96@netscape.com](mailto:tjlee96@netscape.com)

## THE L62 PORTABLE BUTANE BUNSEN BURNER



The L62 Butane Bunsen is the choice of professionals. It provides the correct amount of heat that is easily controlled for melting shellac or other adhesives on the pad or in the pad cup. Almost a duplicate of the flame produced by natural gas, a rounded blue tip, warm but not like a torch.

**L62 Portable Butane Bunsen**  
**\$68.80**

## \*L53\* EXCALIBUR SOLDERING IRON KIT



Self igniting cordless soldering iron. Hot air blower and torch kit. Includes a wide range of tips. Ideal for automotive, industrial, electronic system repair, woodworking, general maintenance and professional repair jobs.

**L53 Excalibur Soldering Iron Kit**  
**\$58.30**

## CORK GREASE

Excellent non-drying cork grease in easy to use plastic lipstick-type tubes, or in a one pound container.

**R70 \$6.00/dz or \$64.80/gr OR R71 \$9.20/lb**

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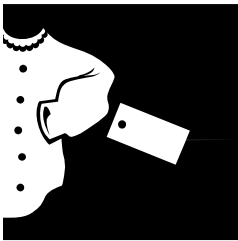
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## FERREE'S HEAVY DUTY DENIM SHIRT



This denim shirt comes with a left pocket and the Ferree's logo at the right.

Small, Medium, Large and Extra Large  
\$30.00  
2XL \$32.00  
3XL \$35.00

## \*G107\* PRECISION BARREL REAMER



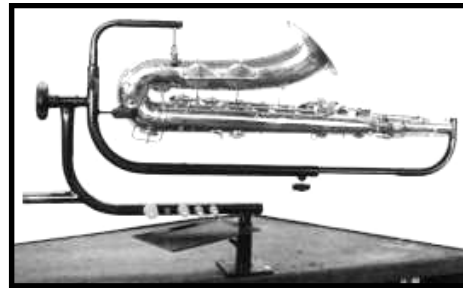
With this tool you can bore out the barrel to match the bore of the clarinet body and you can also match the bore of the

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 the G56, Clarinet Bore Measuring Tool.

G107 Clarinet Barrel Reamer \$92.50

## \*L50\* WOODWIND REPAIR HOLDER



You no longer have to chase a body around on your bench nor chance scratching or dropping it while doing

regulating. No more wrestling a bulky structure to get to the instrument. When the phone rings; you will be less disturbed because the instrument will be right in the same position you were working in when you get back. If you have ever used a holding device, this is the one you wanted IT to be.

Made of tubular steel, completely adjustable and nylon coated. Bolts to your bench, store instruments you are working on simultaneously in these holders by mounting extra bases nearby.

Great if you are in the middle of re-pad and an emergency repair comes in that must be dealt with. When you get back to the first repair, everything will be as you left it. So, you don't have to start completely over, just continue!

Also, notice the handy screw and parts tray on the base.

**L50 Woodwind Repair Holder \$295.00**

**REMEMBER**, when placing an order please have your account number ready. This helps us locate your customer account much more easily. If you are a first time customer then we will need your name, address, phone number, item numbers and a payment method. Thank You!

Fax Orders to: 269-965-7719

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## POWER DISCS

<b>Z60-24</b>	1.25" Power Disc, Saxophones All Alto, Tenor and Baritone	<b>\$97.50</b>
<b>Z60-25</b>	3.0" Power Disc, Cornet/Trumpet/Flugelhorn	<b>\$79.50</b>
<b>Z60-26</b>	4.0" Power Disc, Trombone/French Horn/ Baritone/ Euphonium/ Small Tuba, Sousa	<b>\$89.50</b>
<b>Z60-27</b>	5.0" Power Disc, Sousaphone, Old Style Tuba	<b>\$97.50</b>

*Discs above are to be used with  
the Ferree's Z60 Dent Machine*

## DISC ROLLERS

<b>Z60-28</b>	5" Long Straight Roller	<b>\$87.50</b>
<b>Z60-29</b>	Tapered Slim Roller	<b>\$87.50</b>
<b>Z60-30</b>	Convex Roller	<b>\$122.50</b>

*Rollers above are to be used with  
the Ferree's Z60 Dent Machine*

These special rollers were designed, one after the other, for different purposes to make more jobs possible; easier, faster and at the same time better.

The 5" extra long roller (Z60-28) was made for doing larger diameter bells (French Horn, Baritone and Euphonium, etc.) safer and easier. Install it with about 1/16" clearance from the arm (Z60-9A). In the event your arm gets tired or you relax, this roller will kind of "catch" the bell, and avoid putting a crease in it further up the stem, like the edge of the stock 3-1/2" roller would.

The Z60-29 Tapered Slim roller works similarly and for the same reasons on Cornets and Trumpets.

The convex roller (Z60-30) is for inside saxophone bells, Alto, Tenor and Baritone. You can re-contour the flare of the bell where it had been straightened or made funnel shaped from a previous hand repair attempt.

## SELMER PAD CLOSEOUT

**THEY'RE ALMOST GONE!**

These sets were made to OEM (Original Equipment Manufacture) specs for Selmer for regular production and OEM replacements. We have discontinued these OEM pads, and they will no longer be in our catalog.

***SOLD UNTIL GONE!***

***NOT RETURNABLE!***

***Premium Pads at regular prices!***

<b>B45MD</b>	Selmer Super Action 80 Tenor Pad Set	<b>\$24.50</b>
<b>B45ME</b>	Selmer Super Action 80 Baritone Pad Set	<b>\$29.00</b>
<hr/>		
<b>B55ME</b>	Selmer Paris Mark VI Baritone Pad Set	<b>\$28.00</b>

## Z6 "POLYLUBE" SYNTHETIC LUBRICANT

It is important to use this NEW Z6 synthetic lubricant in all your friction producing work. This great lube, when mixed with YOUR petroleum jelly is a tool! It makes all your movements easier; burnishing, rubbing or contouring.

It also tends not to allow as much or any scratching of the raw brass or a lacquered surface, and is very good with silver plated surfaces, too.



**4oz Metal Can.**

**Use with aluminum balls.**

**"It's like adding power to your arms."**



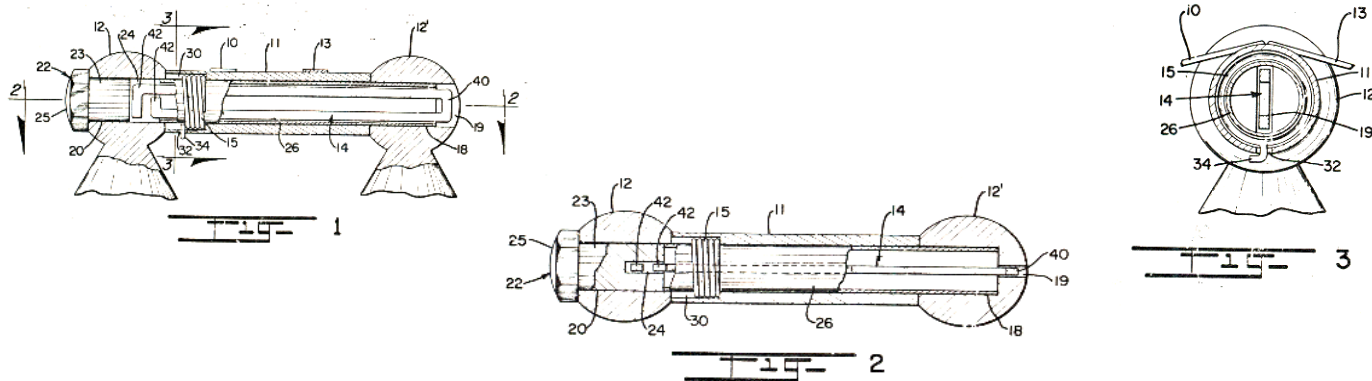
**Z6 Synthetic Lubricant \$7.90**



# Musical Patents of the Past

## No. 114

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**T.M. ANDERSON ETAL**  
**Key Mounting For Musical Instruments**  
**Filed Feb. 16, 1962**

**Aug. 25, 1964**

**3,145,610**

This invention relates to musical instruments, especially wind instruments, and more particularly to an improved way of mounting an automatically, adjustably tensioning keys, valves and the like employed in wind instruments, such as clarinets, saxophones, flutes, and oboes.

In the manufacture of wind instruments, it is customary to mount each of the keys or pads in a predetermined biased relation over a tone hole by means of a tensioning member or spring positioned at the fulcrum of the key or key carrier to thereby regulate the opening and closing of the tone hole. In our Patent NO. 2,744,435, entitled Apparatus for Mounting Keys, Pads, and the like of Musical Instruments, there is described and claimed a novel and useful means for mounting and tensioning these keys or pads wherein the tensioning member or spring itself is disposed internally of the key shaft which is rockably positioned between the supporting ports for the keys; and, the present invention is directed to a greatly improved way of selectively locking a tensioning member in place, such as that described in our earlier patent, and in such a way as to permit automatic, adjustable regulation of the tension applied by this member to the key or pad in holding it in biased relation against the tone hole.

In addition, the present invention is directed to an improved form of tensioning member which has particular application for use in the same manner as the member and apparatus set forth in our earlier patent, and together with the novel and improved locking arrangement to be described provides for an effective and dependable way of positioning the keys or pads in place.

Accordingly, it is a principal object of the present invention to provide for a novel and improved means for automatically and adjustably tensioning keys, pads and the like in biased relation to the tone holes in a musical instrument, especially wind instruments such as clarinets, saxophones and the like.

It is another object to provide for an improved construction and arrangement for mounting keys in desired relation to the tone holes in a wind instrument over that of the general type set forth in Patent No. 2,744,435 and in such a way that the locking and tensioning members are internally mounted and are cooperative to provide for more positive locking with adjustable automatic tensioning of the keys.

It is a further object of the present invention to provide a key mounting arrangement which is comfortable for use with virtually all types and sizes of existing wind instruments and which accomplishes elimination of a number of

parts normally employed in positioning the keys in desired relation, eliminates undesirable frictional contact between the moving parts, minimizes end and side play in the mounting arrangement, and in general establishes secure arrangement between the moving parts.

FIGURE 1 is an elevational view, partly in section, illustrating a preferred embodiment of the present invention;

FIGURE 2 is a section view taken on lines 2—2 of FIGURE 1; and

FIGURE 3 is a cross-sectional view taken on line 3—3 of FIGURE 1.

For the purpose of the illustration, the preferred embodiment of the present invention will describe in relation to the mounting of a hinge key which is customarily employed in a wind instrument such as a clarinet to control the opening and closing of the tone holes by the use of suitable pads, keys and the like. Although the principles of the present invention are by no means limited to this particular application, they are especially adaptable in the construction of a hinge key wherein essentially the key is lever-operated in hinged, biased relation to the tone hole and to one another. In order to bias the key in normally closed relation, etc.....