

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

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

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THE FERREE PRESS



Ph: 800-253-2261 or
269-965-0511
Fax: 269-965-7719

For Orders & Acct-
E: ferreestools@aol.com
For Tool & Repair data-
E: repairtips@aol.com

May 2006

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Pg. 1

NEW Z60-50 STONE HOLE BODY BURNISHING SET

This tonehole/body burnishing set (7 mandrels, 4 burnishers and 1 adapter) removes dents and kinks from between and around tone holes. Made for saxes, but also works on flutes, using the Z60-39. The Z60-50 can also restore body/bore contour which reduces or eliminates the need for tonehole material removal.



Now, YOU can control with precision: YOUR dent work; easier, faster and better. Remember, these are dents that no one has EVER been able to remove before with such precision! **Regular price \$239.50.**

Z60-50 Introductory Price until 7/1/06 \$199.50

FERREE'S 60TH ANNIVERSARY HEAVY DUTY SHOP APRON

This smart apron has an adjustable buckle strap, tie in back waist straps and **NO DANGEROUS POCKET** to get caught and/or entwined and wrapped up by a motor or buffer.

Embroidered with
Ferree's **NEW**
2006 logo.

These high quality aprons
are **Repairman Blue** and
are just **\$22.50**



PARTS WANTED

1- F palm key and lea neck screw for "The" Buescher C Melody Sax. Approximately 1940, 144 Serial number. If you have this part or know where it can be found please call:

Nicky at 512-440-0915

Still Available

S76
PICCOLO
CLEANING ROD
\$4.70

FAX ORDERS TO: 269-965-7719

INSTRUMENT REPAIR BOOKS

#EB3 \$22.50

The Erick Brand book, "Band Instrument Repairing Manual," has been faithfully reprinted by Ferree's since 1993, to help newcomers.

#REP \$30.00

Now, also available, the original "Ferree's Repair Manual," from the original Ferree's Repair School.

Used as a college text, this rare book has now been re-edited, typo-corrected, reprinted and is NOW available for you. There are no pictures, just a lot of intense information, in easy to read layout and divided into chapters so you can easily look up what you are most interested in doing.



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Pg. 2

Z8 MONEL OIL ADDITIVE

Ferree's Z8, ADD A DROP, an anti-oxidant, hyper-synthetic lubricant especially for MONEL valve piston applications. Can also be used to lubricate every metal to metal contact point necessary for a rotor valve & linkage to work smoothly. Can be used in concert with Z6.

For top performance, we recommend application on a clean dry surface and then adding your favorite valve oil afterward.

***Contains NO Teflon , graphite or molly particles**

***Z8 is over 14 times slipperier than plain valve oil**

***Helps clean built up tolerance reducing materials**

***Z8 reduces wear and increases passage performance**

You can use this powerful lubricant on ANY piston, rotor valve, rotor bearing; brass stainless, MONEL or plated, as well as trombone slides using oil or cold cream. Although Z8 will mix with any valve oil, do NOT attempt to mix in the bottles.

Z8 MUST be used full strength on the valve and in the casing. THEN, add your valve oil. **IT WORKS!**

Z8 Monel Oil Additive \$5.50 (1-1/4 oz)

D61 BLUED NEEDLE SPRINGS

SIZES AVAILABLE

D61A

D61B

.018 X 30	.040 X 50
.021 X 30	.043 X 60
.022 X 58 *	.044 X 38 *
.023 X 16 *	.044 X 39.5 *
.023 X 20 *	.044 X 42.5 *
.024 X 40	.044 X 42.86 *
.027 X 16 *	.044 X 46*
.027 X 40	.044 X 54.6 *
.029 X 22 *	.044 X 57 *
.029 X 28 *	.046 X 60
.030 X 50	.050 X 60
.032 X 50	.053 X 85
.034 X 50	.054 X 53 *
.036 X 31 *	.054 X 70 *
.036 X 32.5 *	.056 X 85
.036 X 35 *	.060 X 85
.036 X 36.5 *	.064 X 85
.036 X 38.5 *	
.036 X 39 *	
.036 X 41.5 *	
.036 X 50 *	
.037 X 50	

* Indicates a size that when gone, will be discontinued

D61A \$1.20/dozen or \$8.20/hundred

D61B \$1.60 or \$11.40

D61C \$13.70 100 assortment

D61D \$56.00 350 assortment w/holder & vials

D61E \$72.30 500 assortment w/holder & vials

Visit us online at
www.ferreestools.com

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Pg. 3

TONE HOLE FILES SWISS PATTERN CUT

E29 STANDARD TONE HOLE FILE \$19.50
5" long by 1-1/2" wide, 1/8" thick.

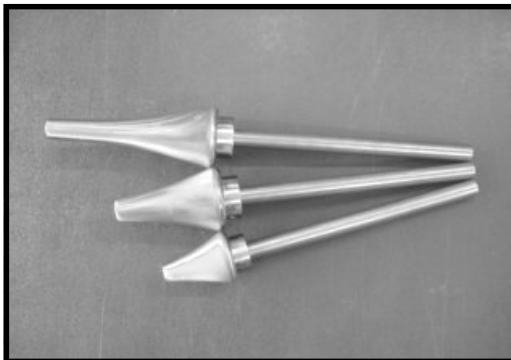


E29A NARROW TONE HOLE FILE \$26.60
8" long by 29/32" wide, 3/16" thick



E29B MEDIUM TONE HOLE FILE \$16.00
5" long by 1-1/4" wide, 1/8" thick

CONTOURED BELL ROLLERS



NEW Contoured Roller Series was introduced at the "Midwest Horn Workshop" held at the University of Wisconsin-Stevens Point. This new series of rollers was designed for repairing specific types of instruments.

These work more efficiently than a flat roller.

P14 Contoured bell roller for Cornet, \$124.50
Trumpet, Alto Sax

P15 Contoured bell roller for trombone, \$129.50
flugelhorn, French Horn, Bari Sax,
Tenor Sax

P16 Contoured bell roller for French Horn \$134.50
and Tuba

"REALCORK"

Step into the 21st century with this ***NEW*** cork. It smells, sands, acts and looks like cork. Because, it **IS CORK**. There is no rubber or neoprene in this product. Therefore, no rubber stench. It acts and sands so well that you will probably not even notice a difference, **EXCEPT FOR THE PRICE**; and costs are important! It is great for tenons, necks, keys and mutes. Especially good for rental clarinet tenon corks; where the kids leave the horn together all weekend. This cork springs back more, so you may not have to replace the tenon cork after that happens. We recommend using our **H70, cork cement** as an adhesive.

A65A Asst. of all sizes \$21.00
"REALCORK" & A63
very thin sheet cork

A56A 1/32" (0.8mm) \$1.25

A62A 3/64" (1.2mm) \$1.25

A57A 1/16" (1.6mm) \$1.25

A58A 3/32" (2.4mm) \$1.50

A59A 1/8" (3.2mm) \$2.75

A60A 3/16" (4.8mm) \$3.00

A64A 7/32" (5.6mm) \$3.75
New Thickness**

A61A 1/4" (6.4mm) \$4.50

A63 1/64" (0.4mm) \$7.50



C15B1 \$1.50each

Genuine Martin Sax Pivot Screws

Thread: 3-48

Diameter of shaft: .068"

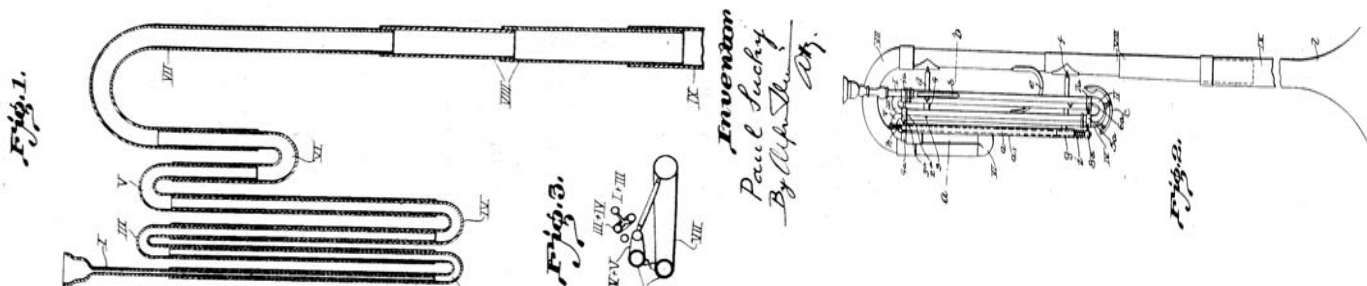
Diameter of head: .182"

Shaft length: .240"



Musical Patents of the Past

No. 112



United States Patent Office
Paul Suchy of Graslitz Czechoslovakia
Brass and Like Wind Musical Instrument

June 8 1926

1,588,390

This invention relates to wind instruments, of the type disclosed in German Patents Nos. 209,711 and 258,819, and consists in certain improvements to the instruments of said patents, whereby compositions of the old masters, for example, for the trumpet by Bach, can be played on an instrument without valves, while, when provided with valves, the instrument is adapted for modern music and players.

For playing trumpet parts, such as composed by Bach, the important point is that the notes from c t e be tuned diatonically as free natural tones.

To accomplish this, the connection, designated by "III" in said Patent NO. 258,819, has been omitted, and a so-called "four lengths tube" substituted, and the single tube sections have been shortened, while their diameters progressively increase, section by section from the mouthpiece to the bell.

In the drawings, Figs. 1 and 2 are elevations from opposite sides of an instrument without valves embodying my invention;

Fig. 3 is a similar view of an instrument with valves.

The "four-lengths tube" is represented at I, II, III and IV, the branches II, III, and IV being parallel to each other and connected by tube I, on the one hand, to the mouthpiece and by the tube V, on the other hand, to the tapering tubes, VII,

VIII, IX, leading to the bell T. Branches I II, II III, III IV, and IV V slide together. Together they regulate the imperfect note f and enable the chromatic scale to be obtained. The tubes are secured to the bends by clips 1, 1a, 2, 2a, 3 and by braces d, e and f. b is a handle by which the lengths are moved up and down. e is a water flap at the lower end and a is a solid rod, mounted in the tube a', the purpose of which is to prevent the lengths from turning over and falling out. i and h are compression springs acting on rod a and tube a'.

In Figs. 3 and 4, the instrument is shown as equipped with valves, to adapt it for modern music. Here the lengths I—IV, are combined with valves 11, 12, 13 and corresponding sections 11a, 12a and 13a, in such a manner that one connection u is situated in front of, looking from the mouthpiece, while the other connection u' is behind the valves. The part u is connection to valve 11 by bend XIII and the part u' to the valve 13 by a double bend s, so as to clear the edge of the bell in pulling out.

Both parts u and u' are arranged parallel to the plane passing through the axes of the valves but, for the sake of clearness, in the drawing u has been turned forward through a right angle. Tube IV passes into the bell-piece T, which is bent to the left in the usual way.

Since the telescope parts u, u', separated by the valves, represent two U-shaped sections arranged close together, any desirable adjustment to lower keys is rendered possible. For instance, if the instrument is in the key of D, it can be lowered to Db, C, B, Bb and A.

By operating the valves, other notes are obtainable, for example, A flat by depressing the half-tone valve 11 when the instrument is set for the lowest key A; G by the valve 12; F sharp by the valve 13; F by the valves 11 and 12 or 13 alone; E by the valves 13 and 12, and E flat by the valves 13 and 11, so that all tonal sounds of 12 tones can be obtained, with all their harmonic tones, and each time with a freely intoning diatonic scale up to e, d, db, etc. In the keys from D to A, the player blows in the same way as on any other trumpet, but the blowing from A flat to E flat are requires special study.

By the construction of instrument, many advantages are offered to players, for instance any desired tonality, enlarged volume of sound, with perfect purity of tone, and a fullness of new sound effects, such as, for example, natural trills, which are obtained automatically and can be produced by simple vibration of the instrument.