Ziegler, Johann Joseph, 10 key bassoon: Ziegler1-O-Leipzig1390
Complete Project Title: Ziegler1-O-Leipzig1390-Wg1-WOB-DNM
Ziegler, Johann Joseph (Komorn, Hungary 1795 - Wien 1858)
fl. Wien 1821-1858
Heyde reports bassoon *c.*1825
Literature: Dullat, Günter. *Verzeichnis der Holz- und Metallblasinstrumentenmacher auf Deutschsprachigem Gebiet von 1500 bis Mitte des 20. Jahrhunderts*, Scheider, 2010.
Hopfner, Rudolf. *Wiener Musikinstrumentenmacher 1766-1900*. Schneider, 1999, pp. 564-565.
Jansen, Will. *The Bassoon: Its History, Construction, Makers, Players and Music.* Frits Knuf, 1978, Vol. I, pp. 423, 424. [Jansen lists this bassoon]
Nagy, Michael. "Zum fagottbau in Wien", in *Bericht über die Vierte Internationale Fachtagung zur Erforschung der Blasmusik, Uster/Schweiz.* Tutzing: Hans Schneider. 1981, pp. 55-57.
Ottner, Helmut. *Der Wiener Instrumentenbau 18115-1833*. Schneider, 1977, p. 168.
Waterhouse, William. *The New Langwill Index*. Tony Bingham, 1993.
Werr, Sebastian. *Geschichte des Fagotts*. Wißner-Verlag, 2011, pp. 149.
Location: Grassi Museum, Leipzig, Germany
Bassoon measured 24 Jan 2023

10 Keys: Ab (on large bore), 2 wing keys [lowest key opens highest vent hole],
F#, C# on boot (right thumb),
Bb on boot for right 3rd finger, Eb (left little finger, vrfd)
No; Swallowtail F key touch
No; Two-piece saddle on F key flap and touch
Yes; Two-hole boot joint system
Yes; Military bell
Yes; Bell flare
No; Bell crown
No; Bell chamber
No; Tone hole on bell
Yes; Platform on long joint
Dated; No

Notes: 1. Made from maple
2. The shafts of the Keys in channels with pins, and the channel are lined with brass [sides and bottom]
3. On the wing, lowest key opens highest vent hole
4. The wood around the two-hole boot broken out
5. The bore area at bottom of bocal receiver on wing is totally rotted out
6. Low G tone hole lined with brass insert
7. Bell difficult to measure, with very large flare at end

8. There is an ivory/bone insert in the low D tone hole [left thumb]
9. No rounded tone hole surfaces

Standing Height; Bell, long joint, boot	127.0cm
[measured with boot cap off]	
Wing and boot	89.9cm

Stamps on all joints: Wing, boot, long joint bell

Measurements not included on Data file

Ab tone hole	11.8mm diameter
[Large bore of boot]	378mm from boot joint socket
	17.0 length
	Drilled down and over to large bore
F# tone hole	Cannot remove key, pin seized
[Large bore of boot]	
C# tone hole	Cannot remove key, pin seized
[Small bore of boot]	
Bb tone hole on Boot	9.1mm diameter
	235mm from small long joint tenon
	32mm length, vrfd long
	Drilled over to small bore
Low Eb tone hole	9.4 mm diameter.
	115mm from small long joint tenon
	7.4mm length
Undercutting on long joint	Yes, a great deal in long joint;
	Especially in low C tone hole
Boot joint small socket depth	38.2mm
Boot joint large socket depth	42.5mm

Cronin Measurement	340mm
Wing thickness across E [II] tone hole	43.5mm