

# **The Unlikely Story of the Hammond Organ**

## **How It Works, And How It Made Its Way Into Jazz**

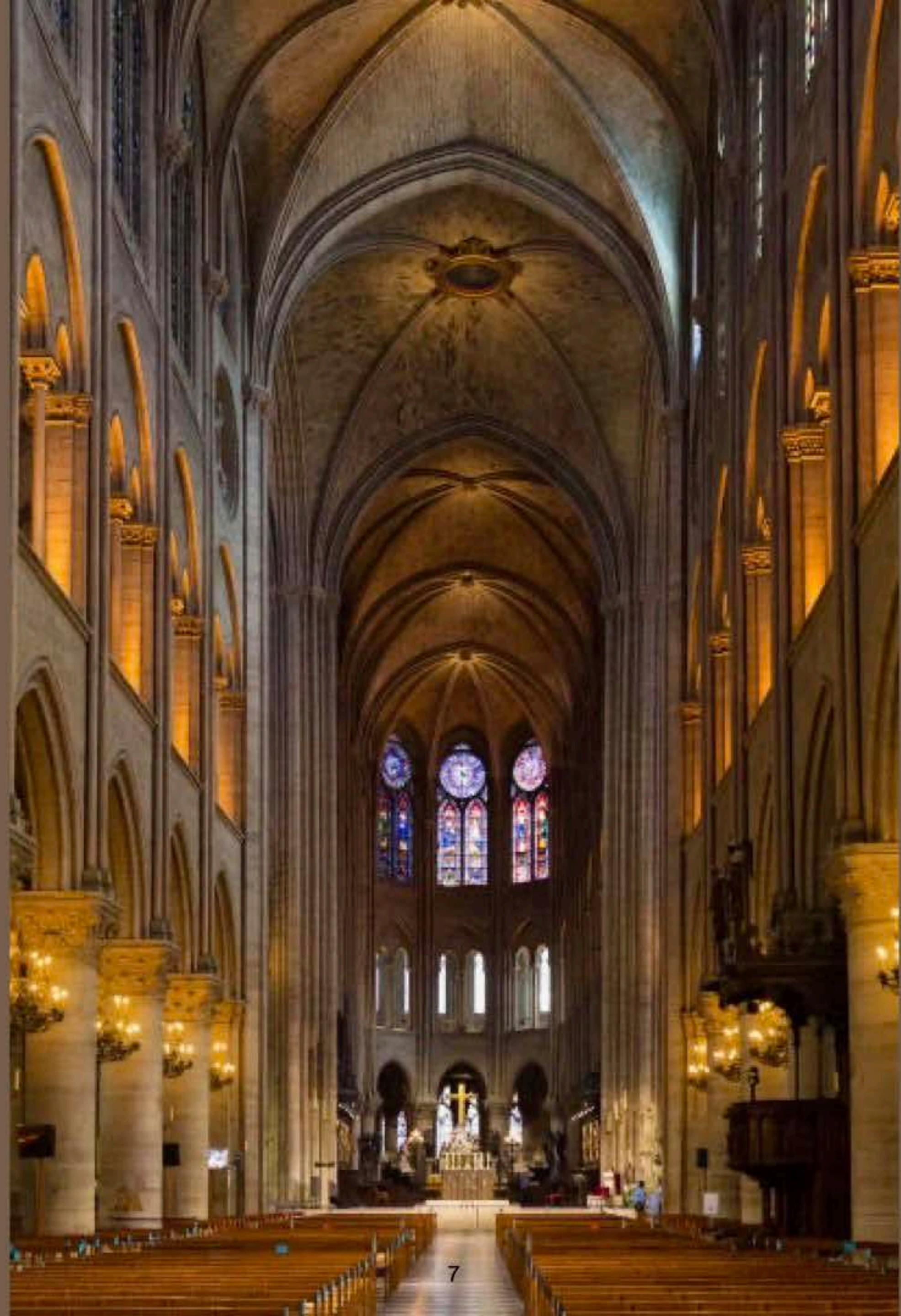




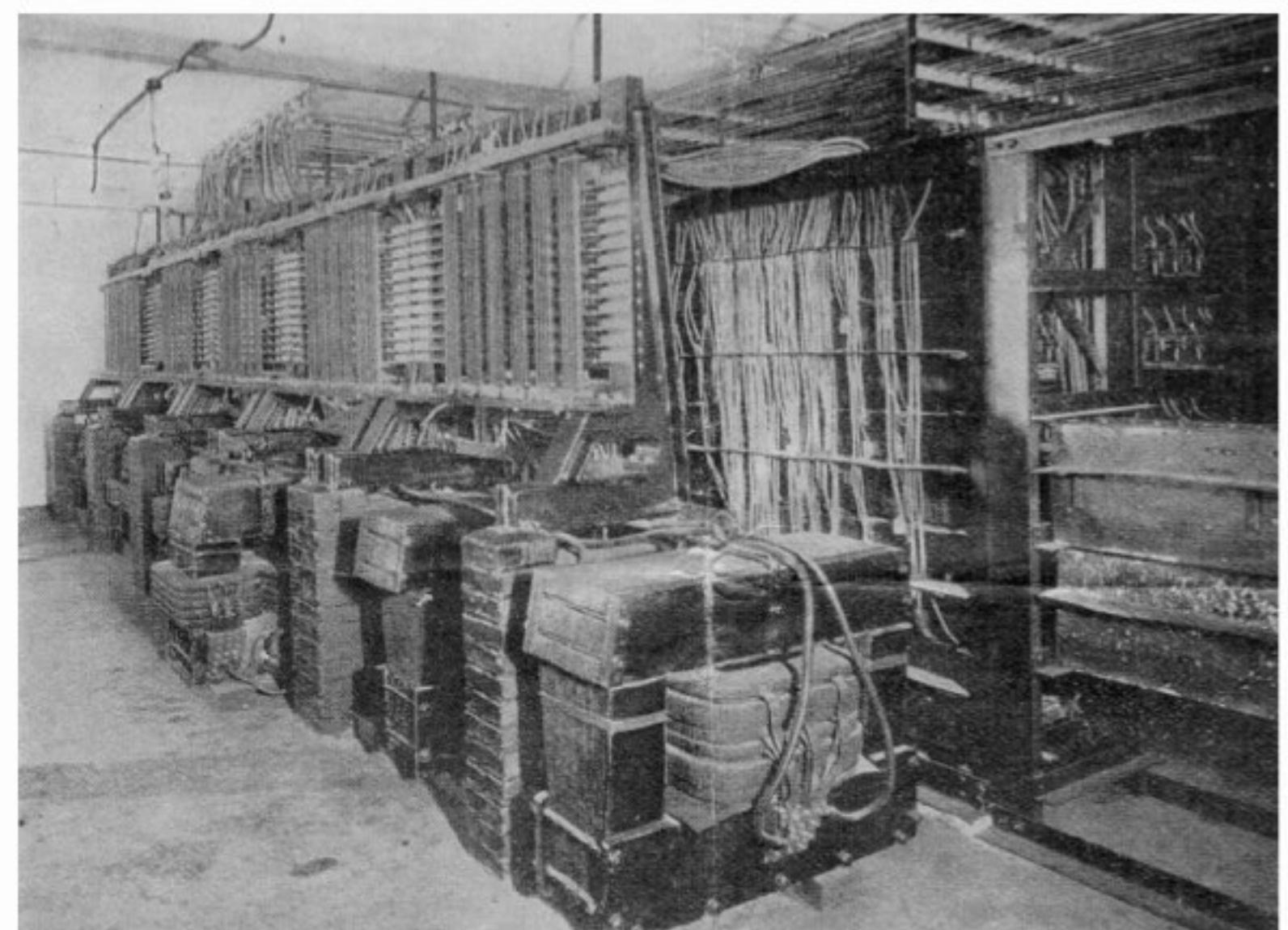
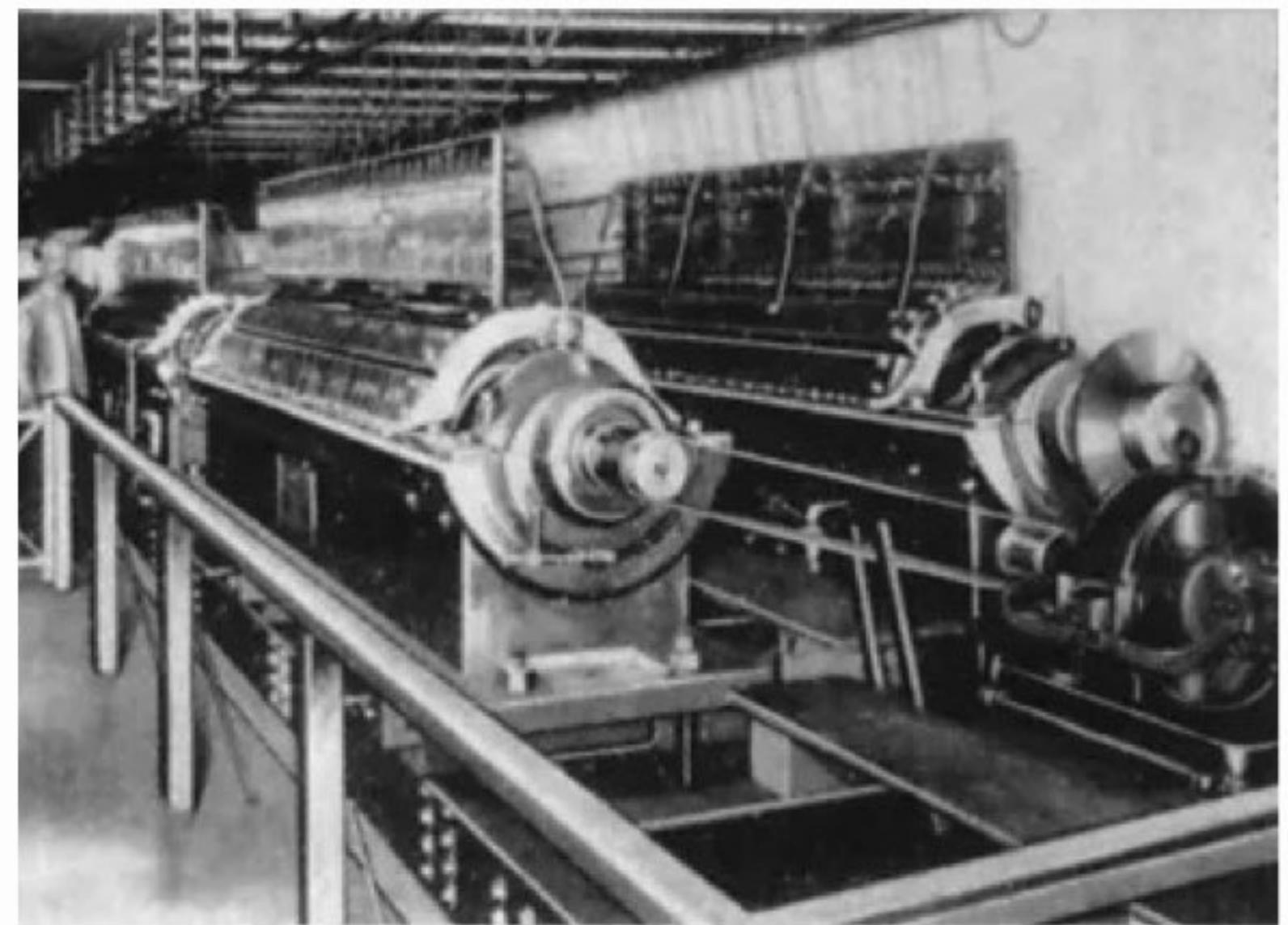
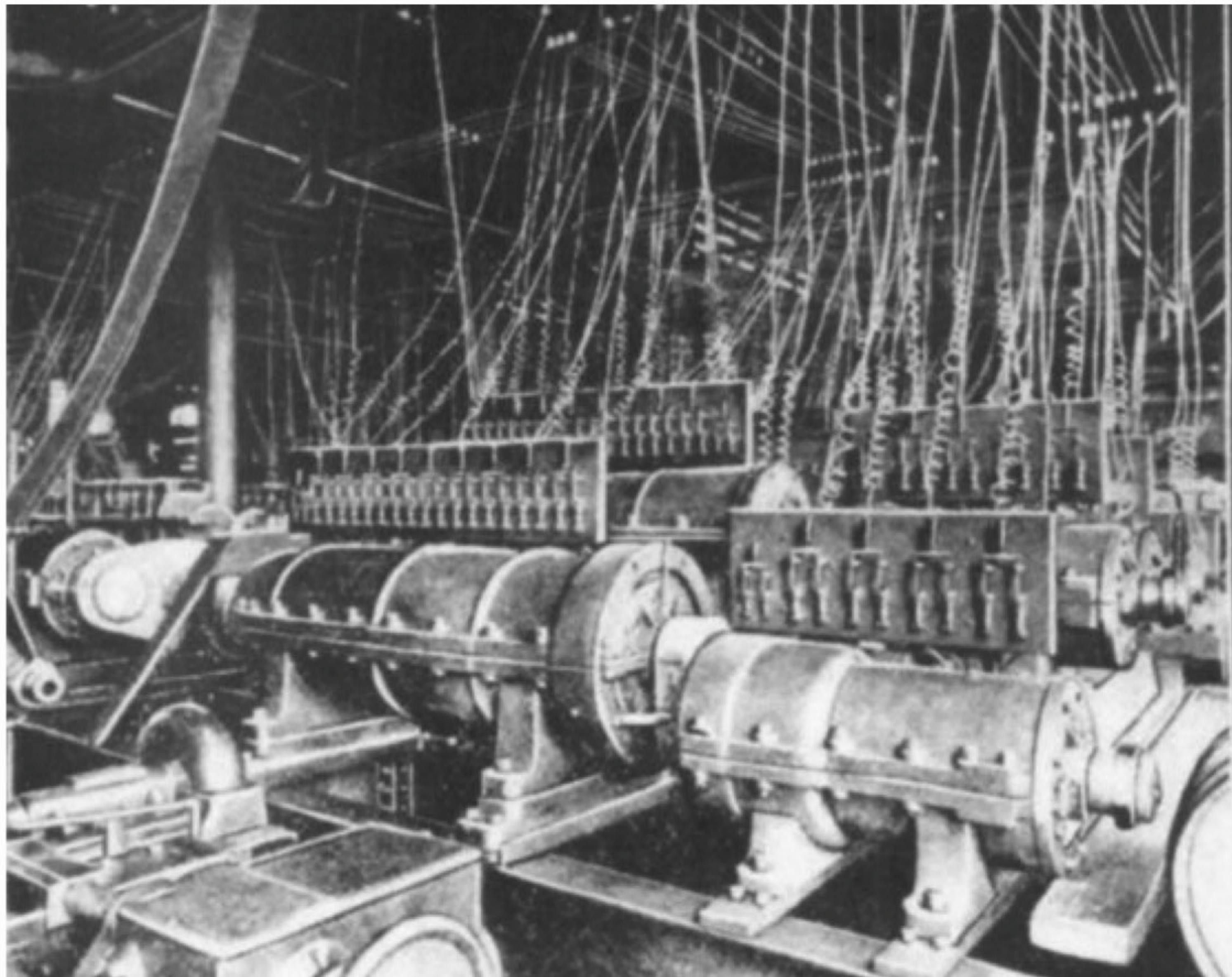


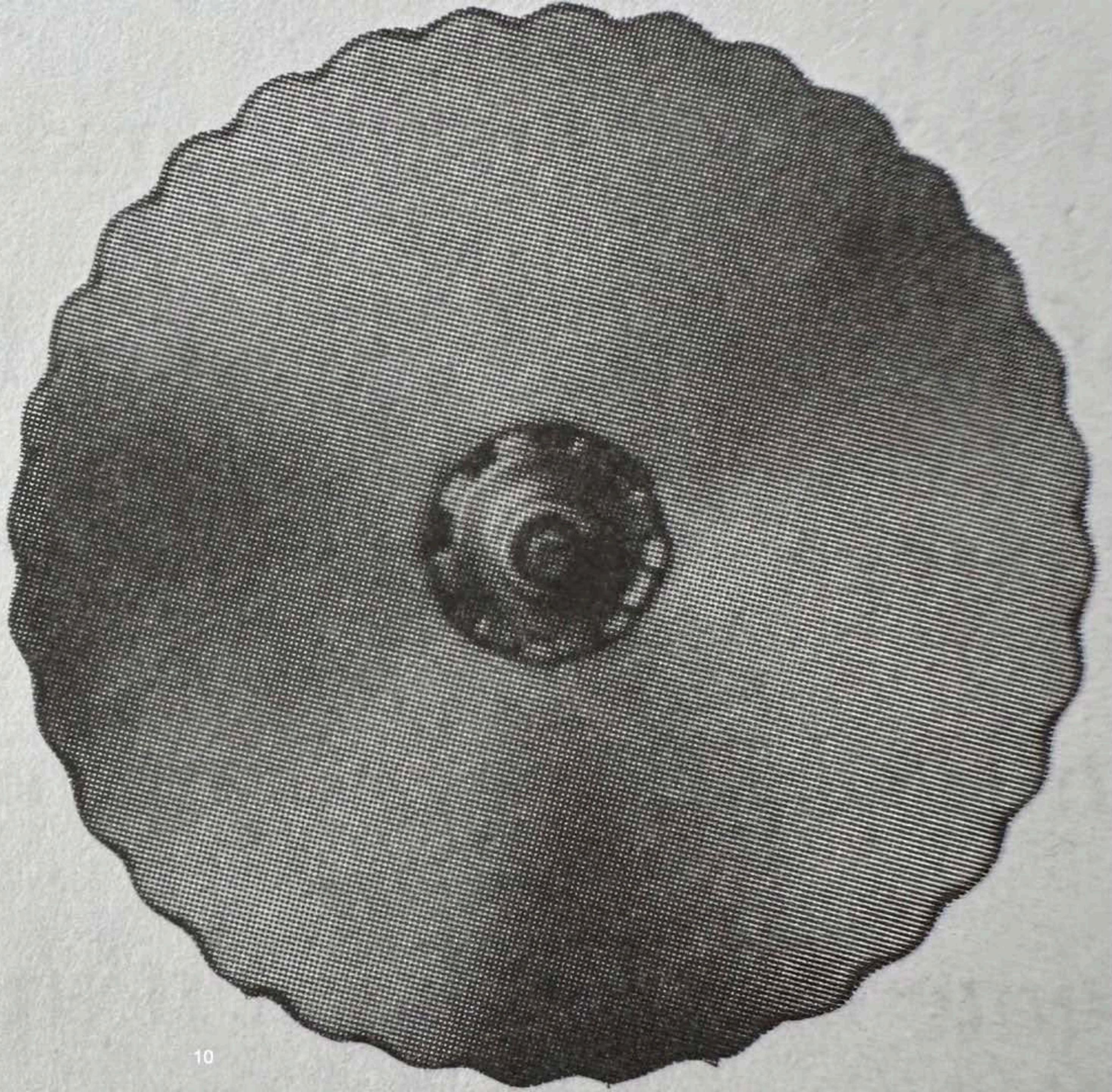
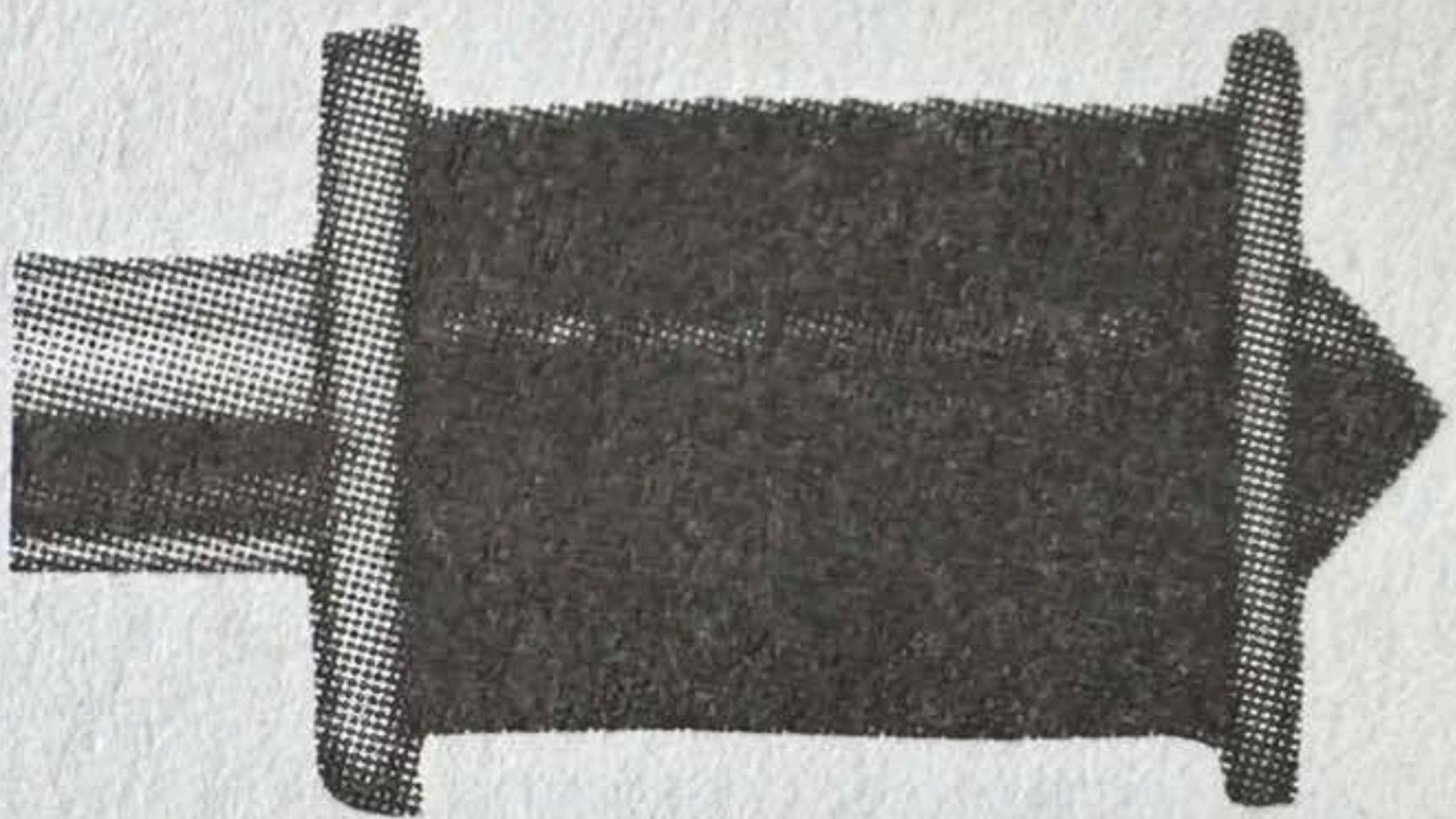


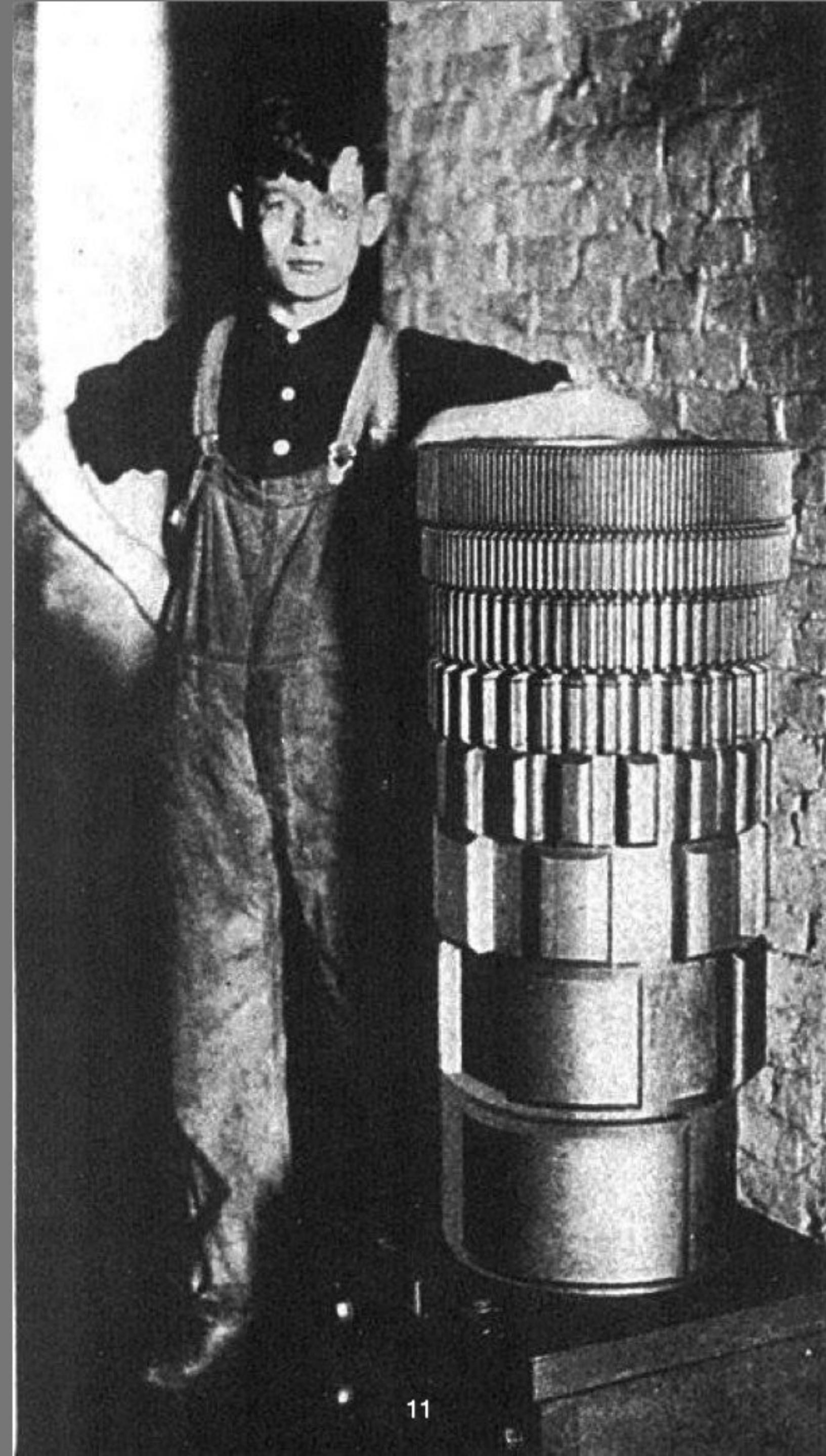


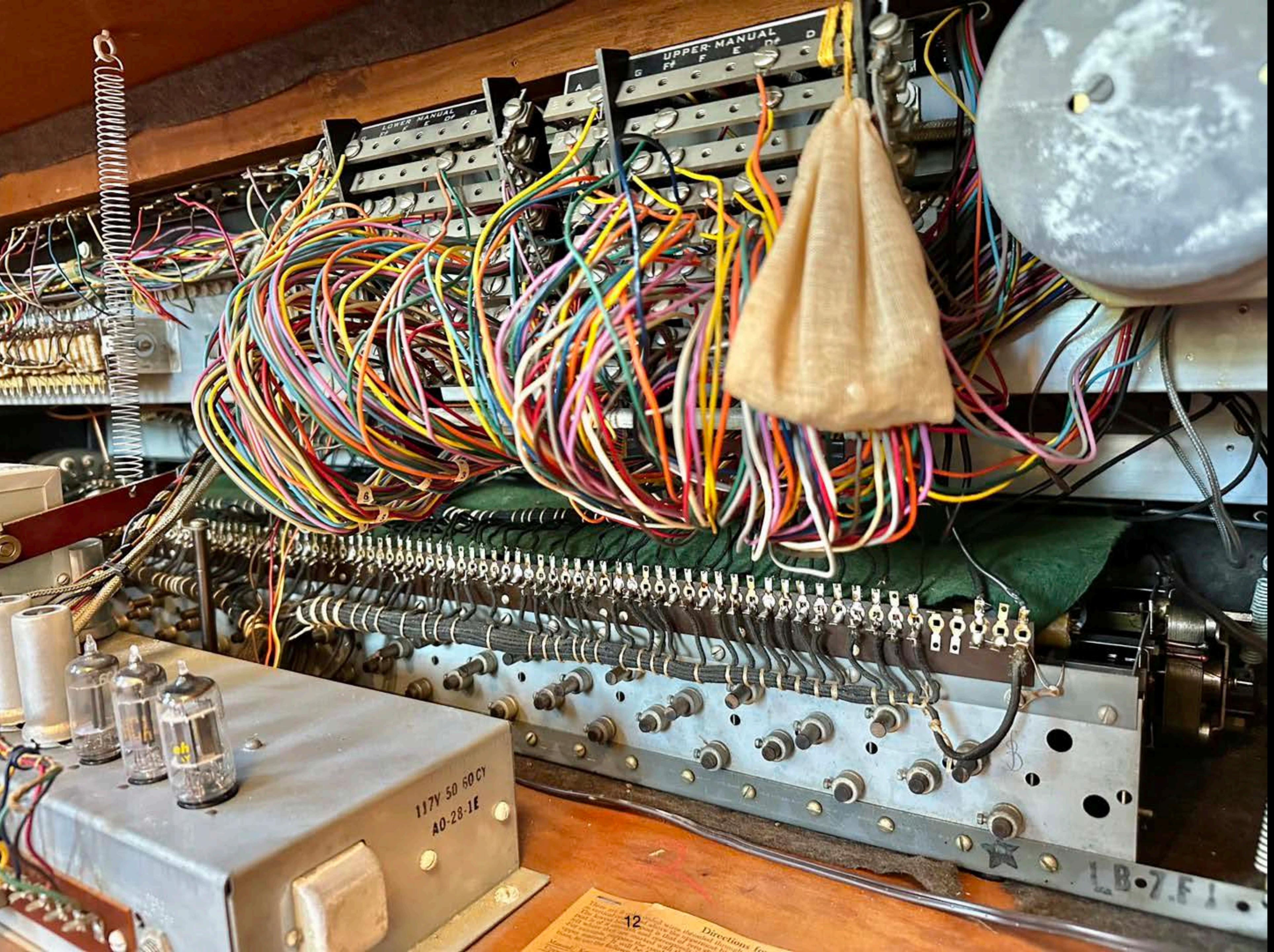




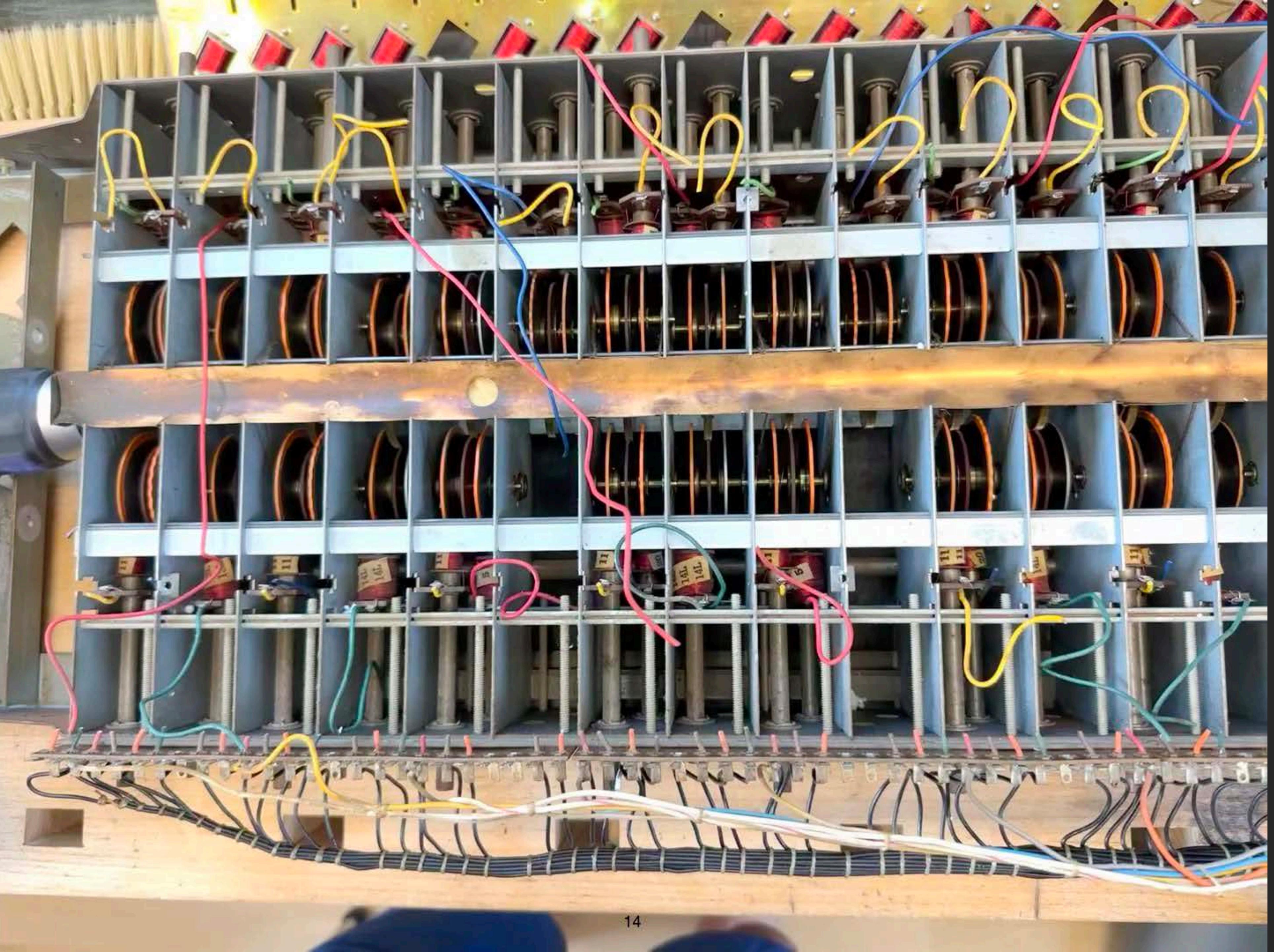


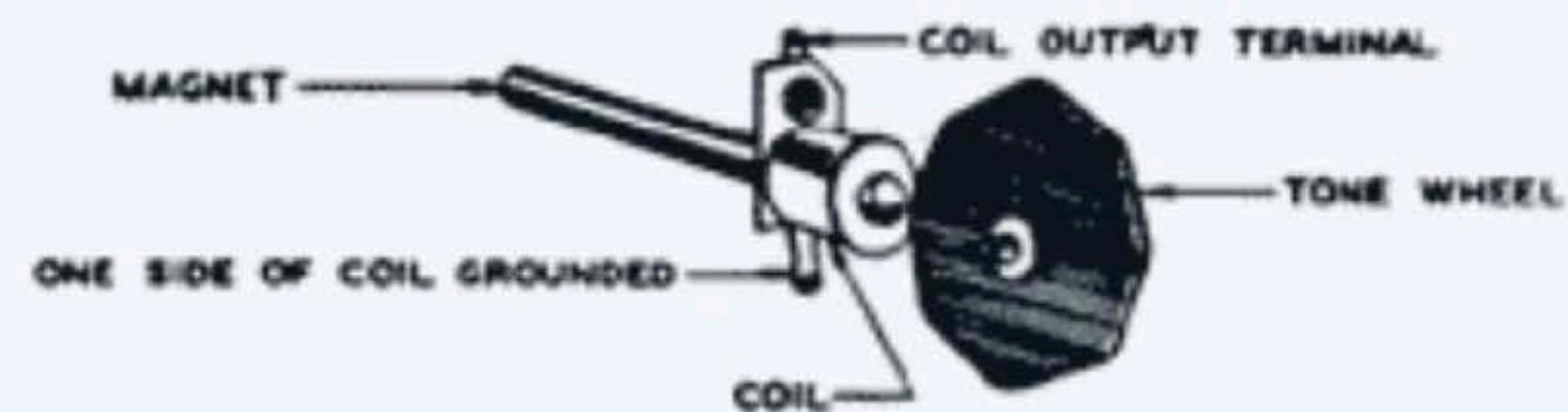




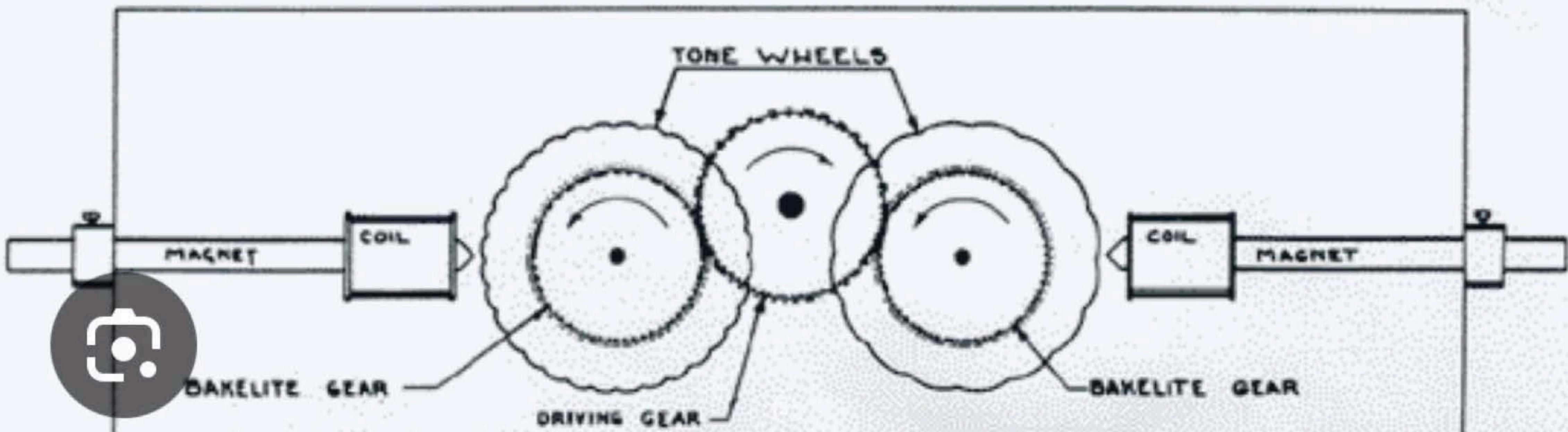


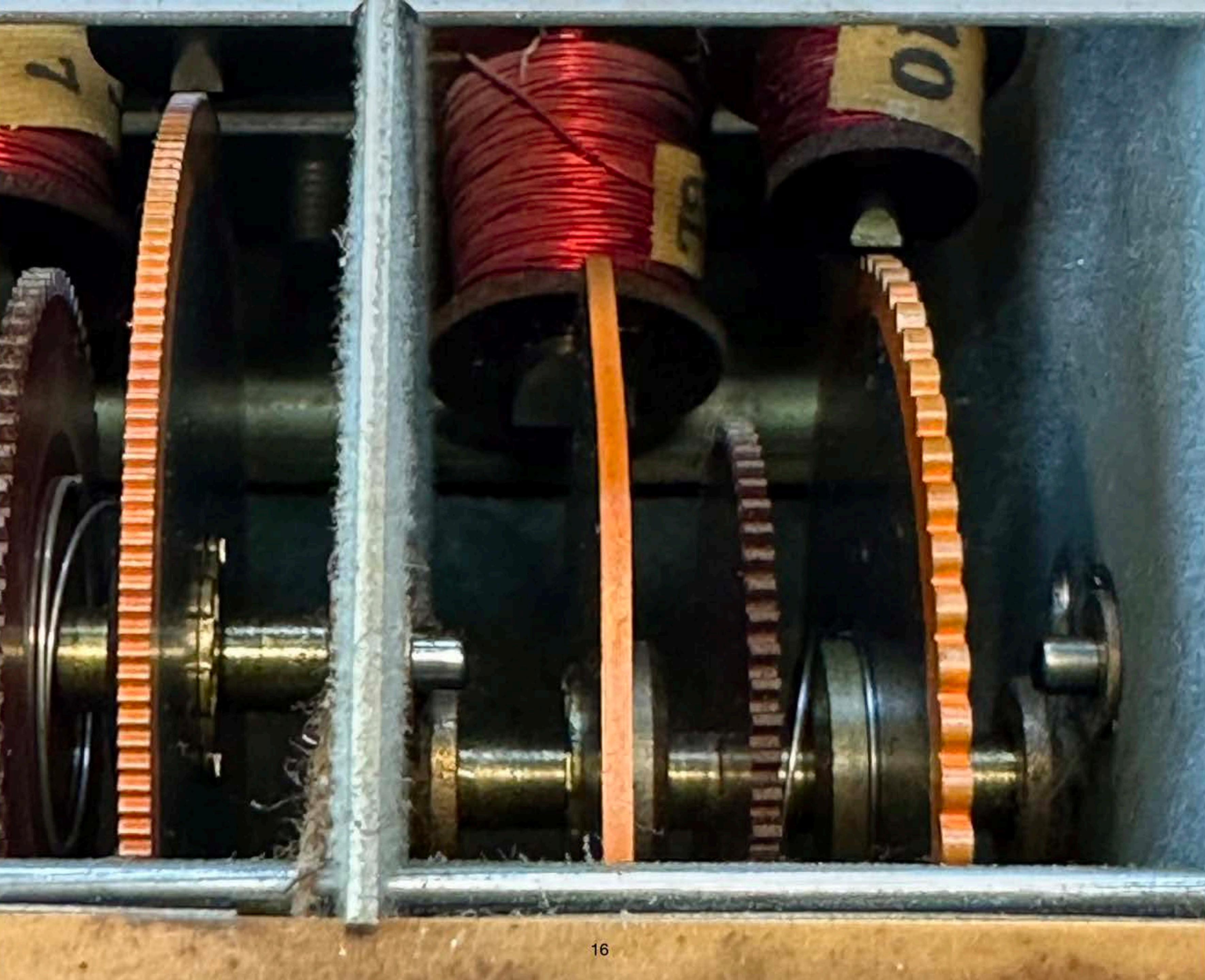






### TONE GENERATOR





START      RUN

TURN ON RUN AFTER START IS ON  
**OFF**      **OFF**

ON  
PERCUSSION  
DECAY

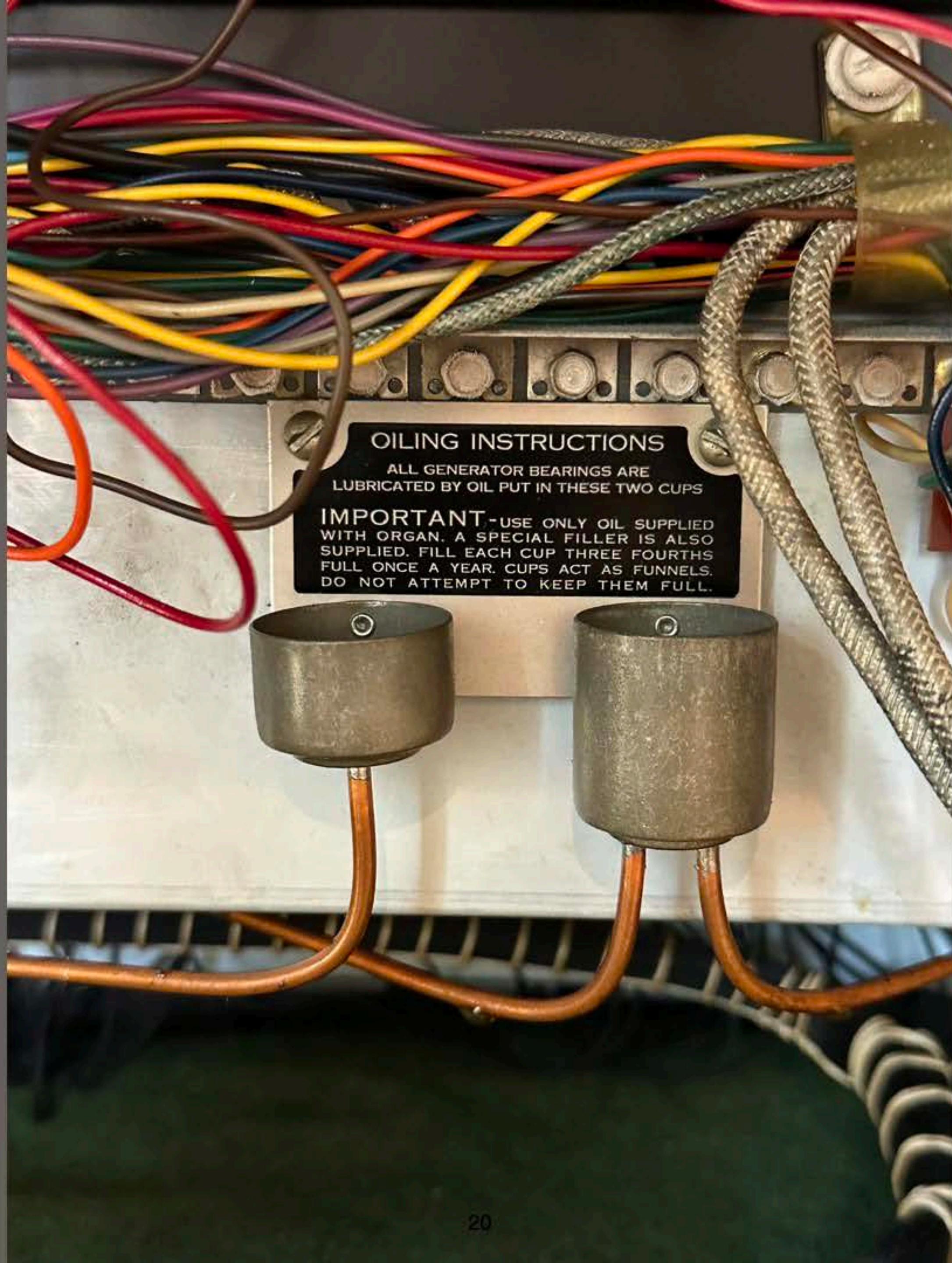
SLOW

PERCUSSION  
HARMONIC  
SELECTOR

SECOND



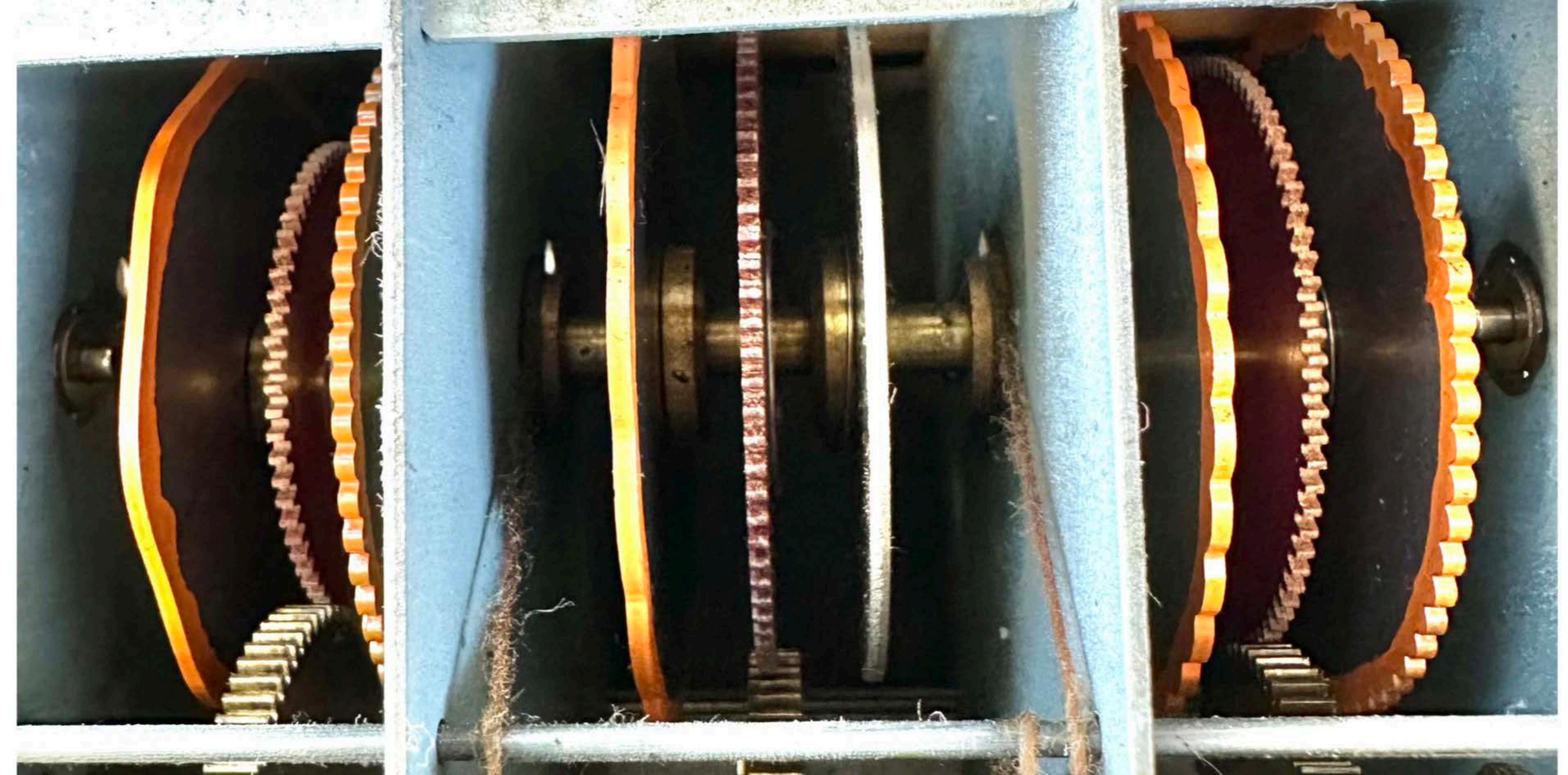










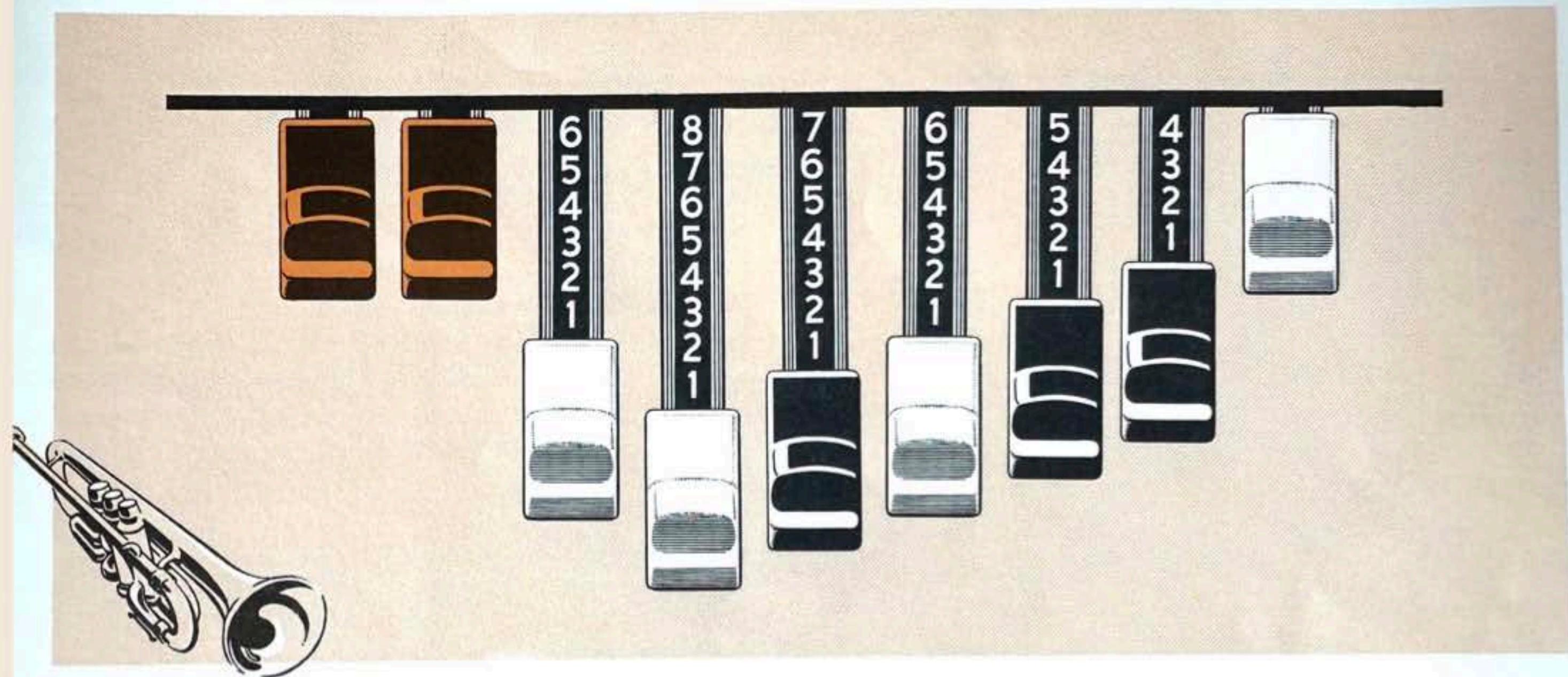




**SUB****FOUNDATION****BRILLIANCE**

<b>PIPE PITCH</b>	16'	$5\frac{1}{3}'$	8'	4'	$2\frac{2}{3}'$	2'	$1\frac{3}{5}'$	$1\frac{1}{3}'$	1'
<b>SCALE PITCH</b>	Sub-FUNDAMENTAL	5th	FUNDAMENTAL	8th	12th	15th	17th	19th	22nd
<b>STOP NAME</b>	BOURDON	QUINT	PRINCIPAL	OCTAVE	NAZARD	BLOCK FLOTE	TIERCE	LARIGOT	SIFFLOTE

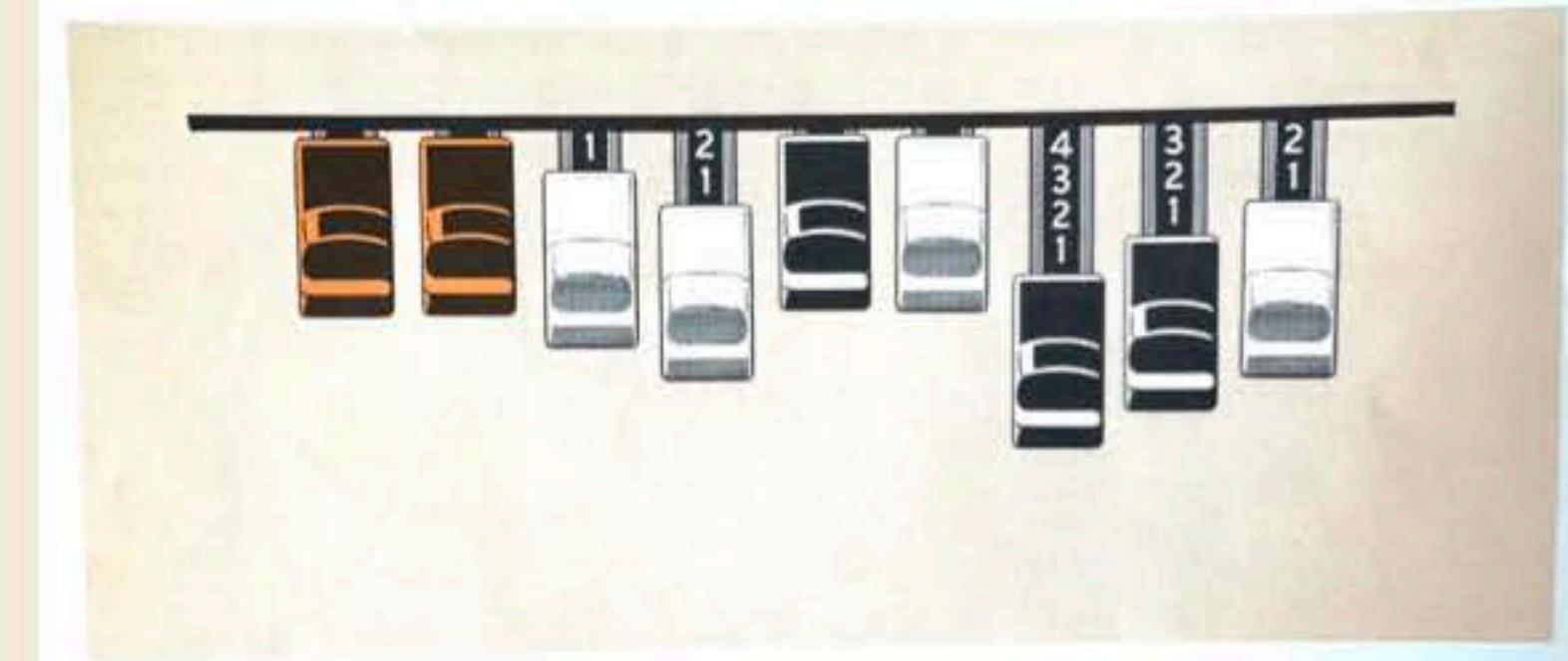
## TRUMPET-TYPE TONE OO 6876 540



The chief characteristic of chorus reed quality is its heavy upper harmonic development, which may equal the fundamental and the second harmonic

in intensity. A good example of this is the trumpet type of tone set up on the drawbars above. This should be used without vibrato.

## VOICE-LIKE EFFECT OO 1200 432

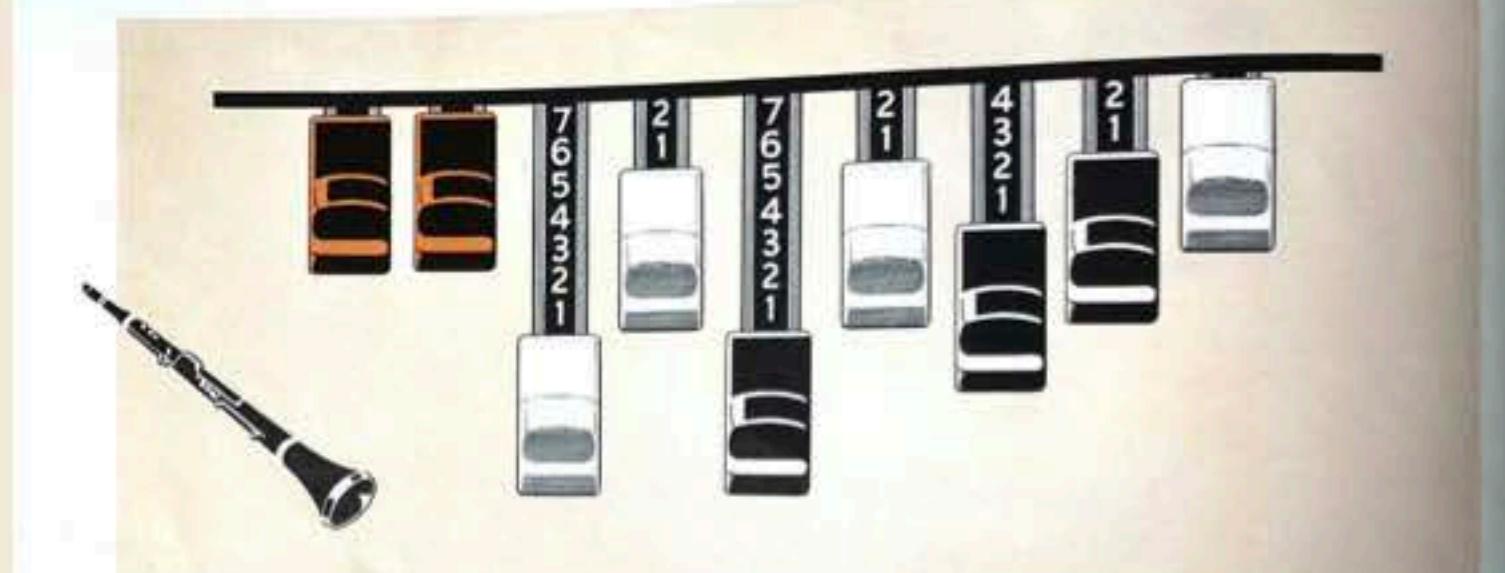


The delicate voice-like effect, sometimes called Vox Humana, is as different as day and night from the heavy chorus reed tone, but it illustrates the

tremendous variety of effects available on the Hammond Organ. This should be used with Vibrato V-2.

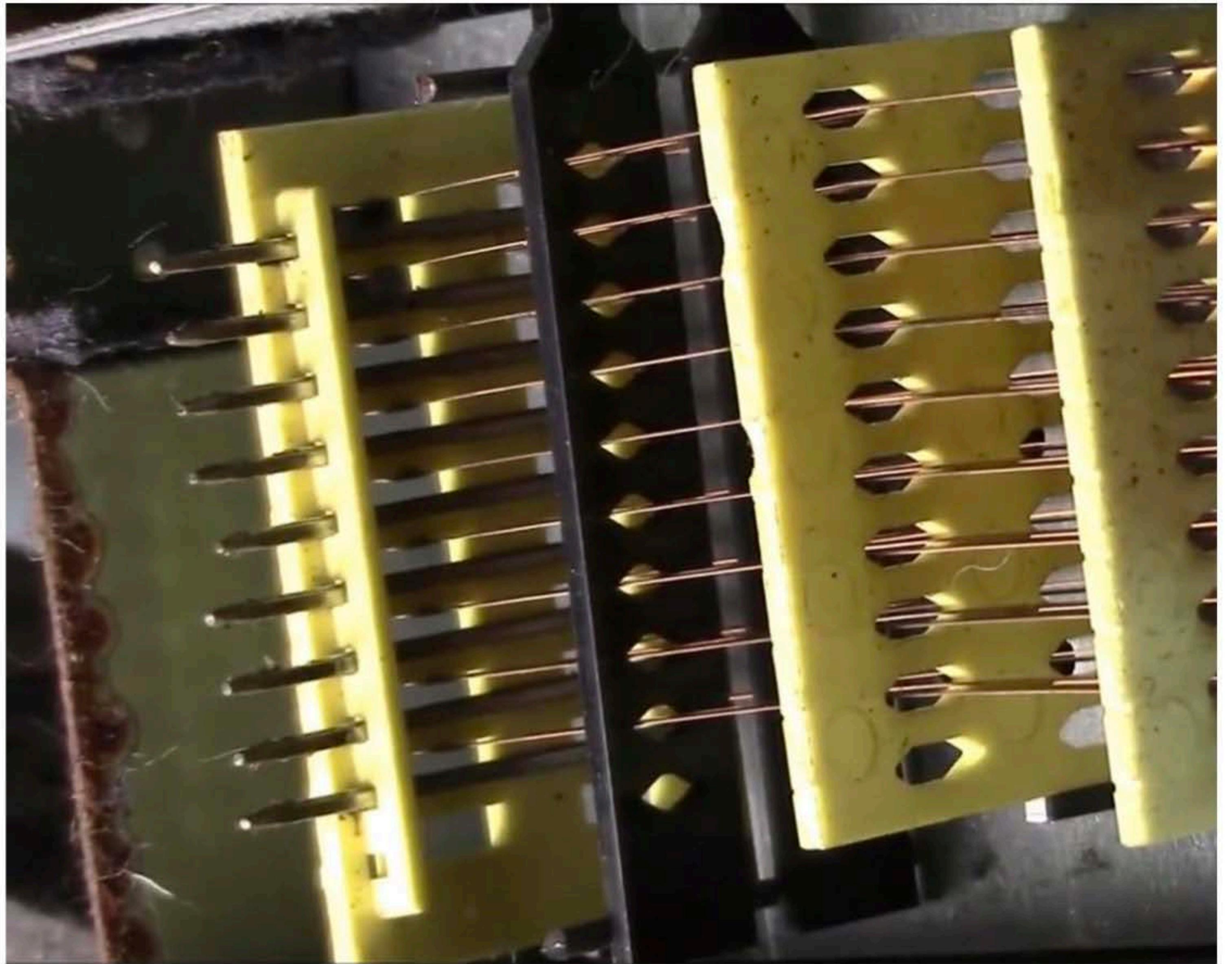
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## CLARINET TONE OO 7272 420

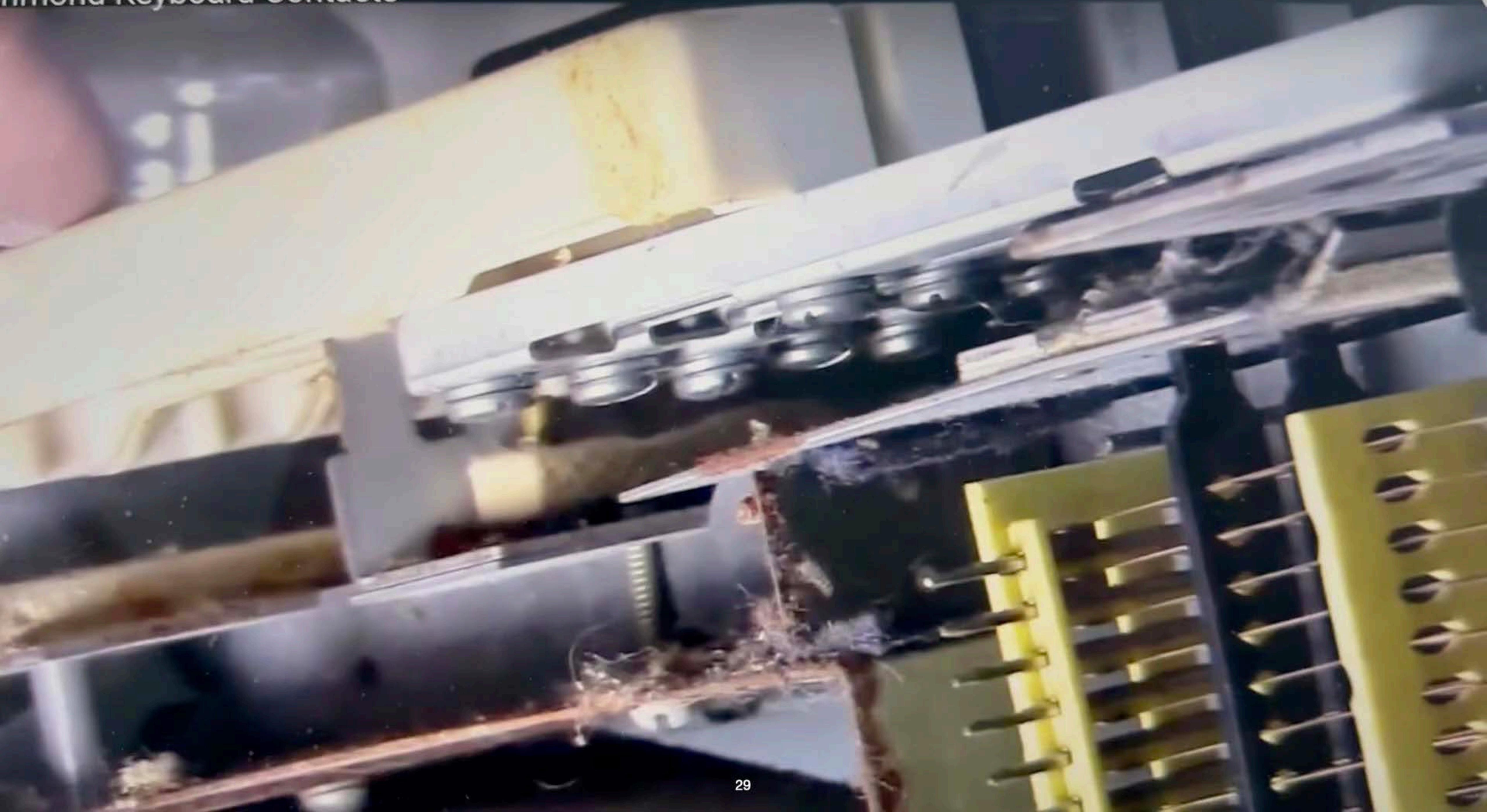


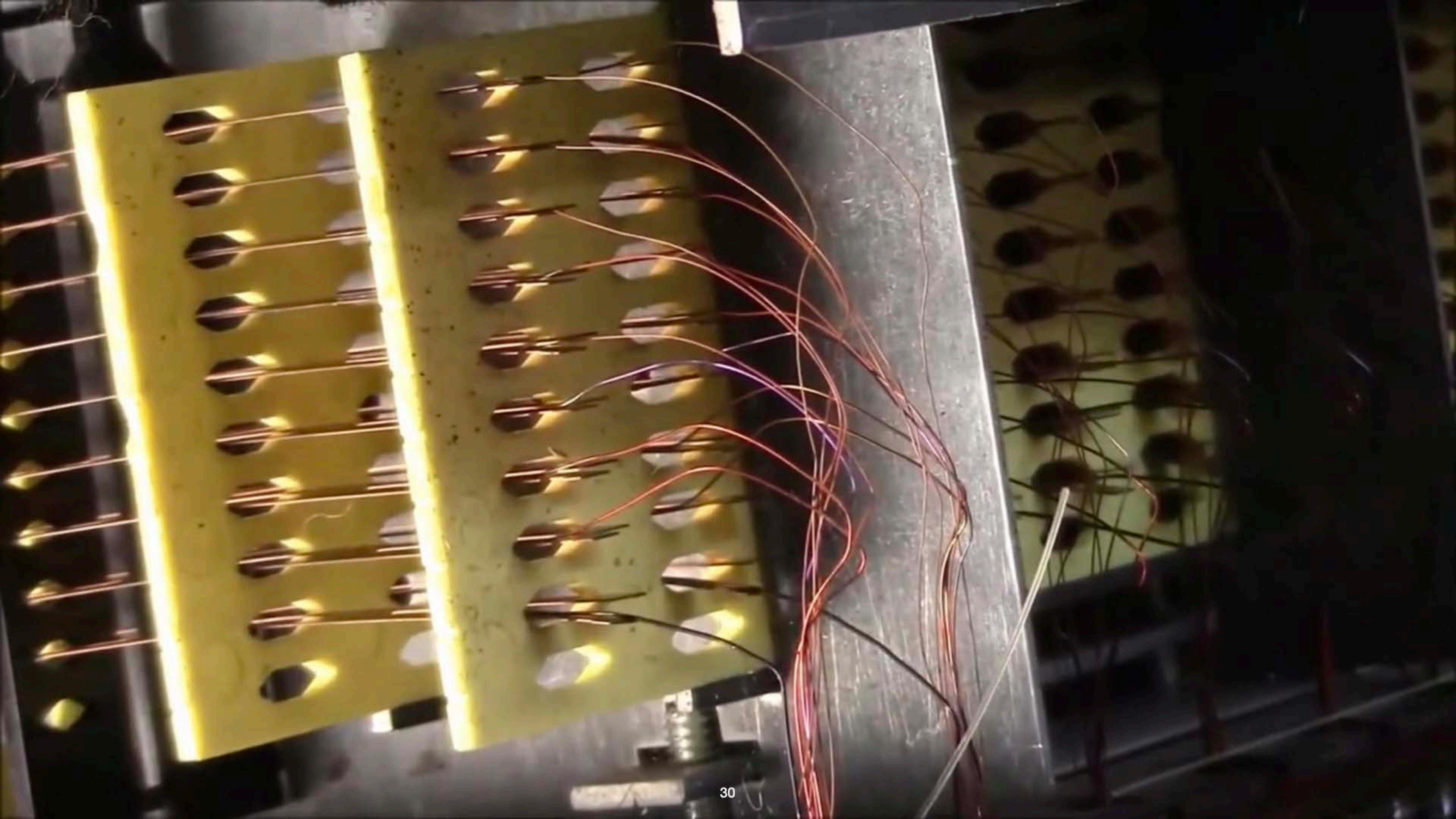
Quite a contrast to the Voice-like effect, and yet entirely different from the heavy chorus reed effect, is the group of lighter solo instrumental tones you can produce on the Hammond Organ. For instance, try OO 7272 420 with "V-1 Vibrato"

and you will find that you have a beautiful clarinet tone. The many clarinet tones are characterized by emphasizing the odd numbered harmonics (fundamental, third and fifth).

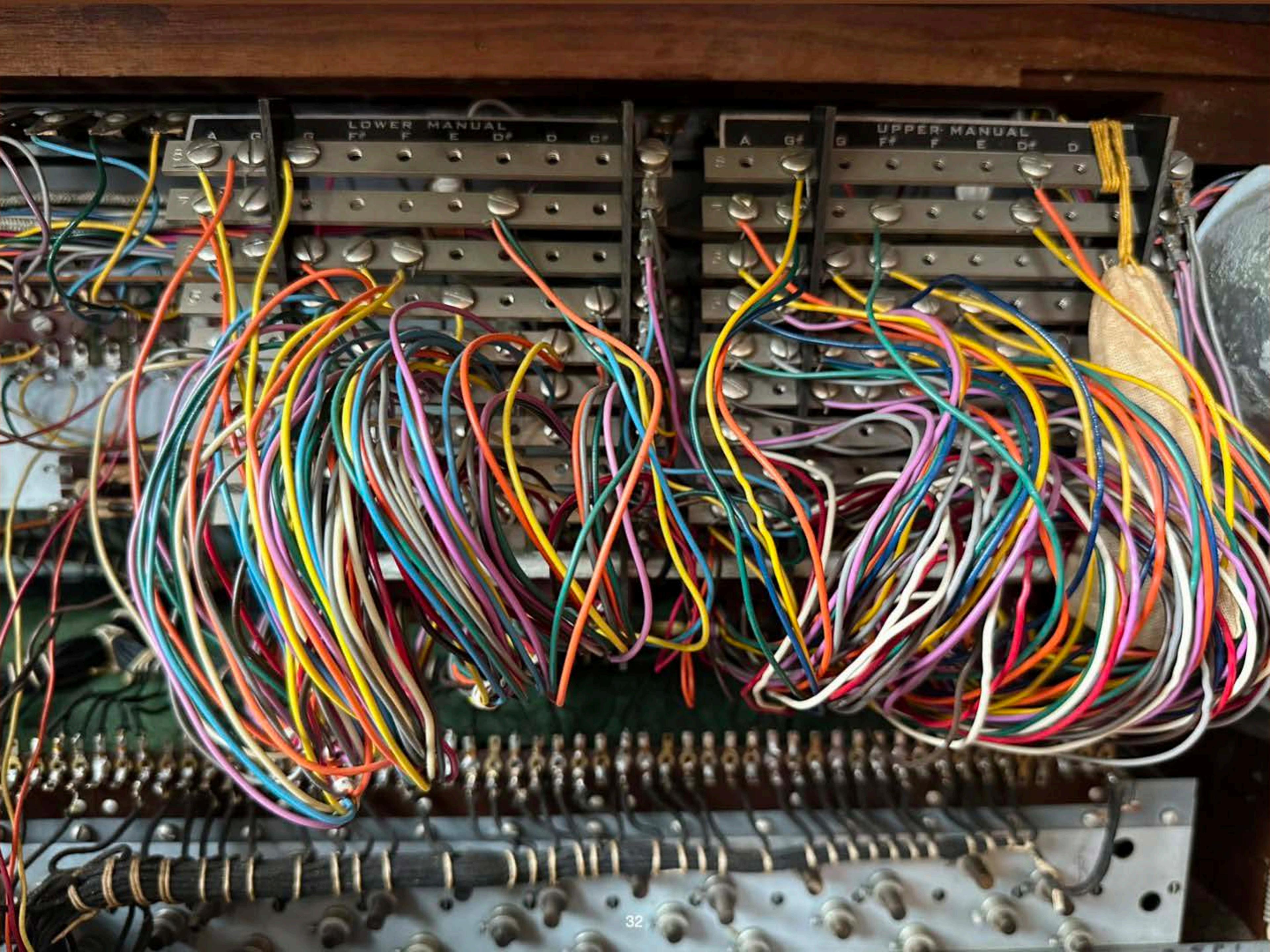


## Hammond Keyboard Contacts





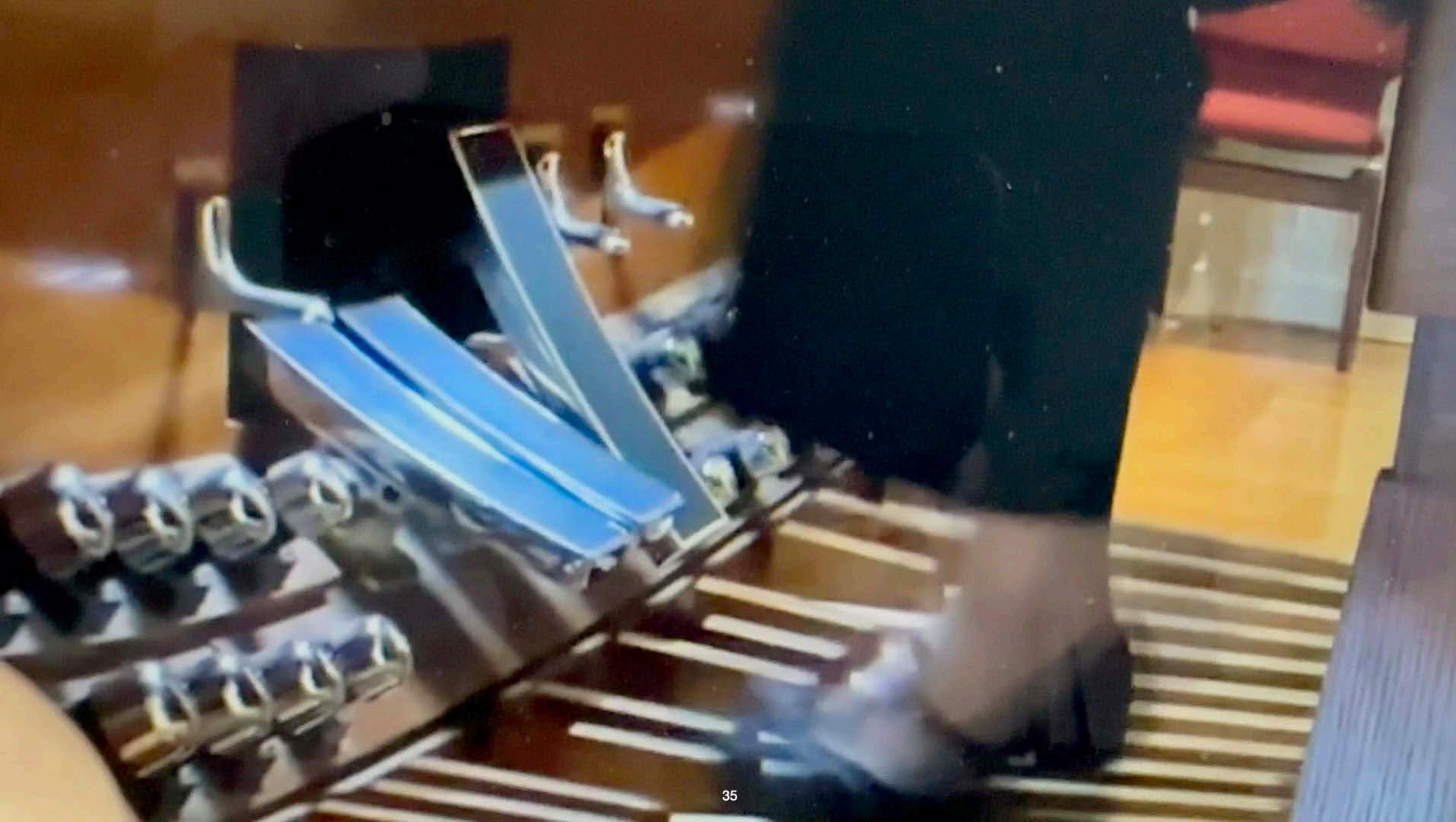




**LOWER MANUAL**

<b>C</b>		Cancel	
<b>C#</b>	00 4545 440	Cello	mp
<b>D</b>	00 4423 220	Flute & String	mp
<b>D#</b>	00 7373 430	Clarinet	mf
<b>E</b>	00 4544 220	Diapason, Gamba and Flute	mf
<b>F</b>	00 6644 322	Great, no reeds	f
<b>F#</b>	00 5642 200	Open Diapason	f
<b>G</b>	00 6845 433	Full Great	ff
<b>G#</b>	00 8030 000	Tibia Clausa	f
<b>A</b>	42 7866 244	Full Great with 16'	fff
<b>A#</b>		Adjust harmonic drawbars in 1st Group, Lower Manual	
<b>B</b>		Adjust harmonic drawbars in 2nd Group, Lower Manual	



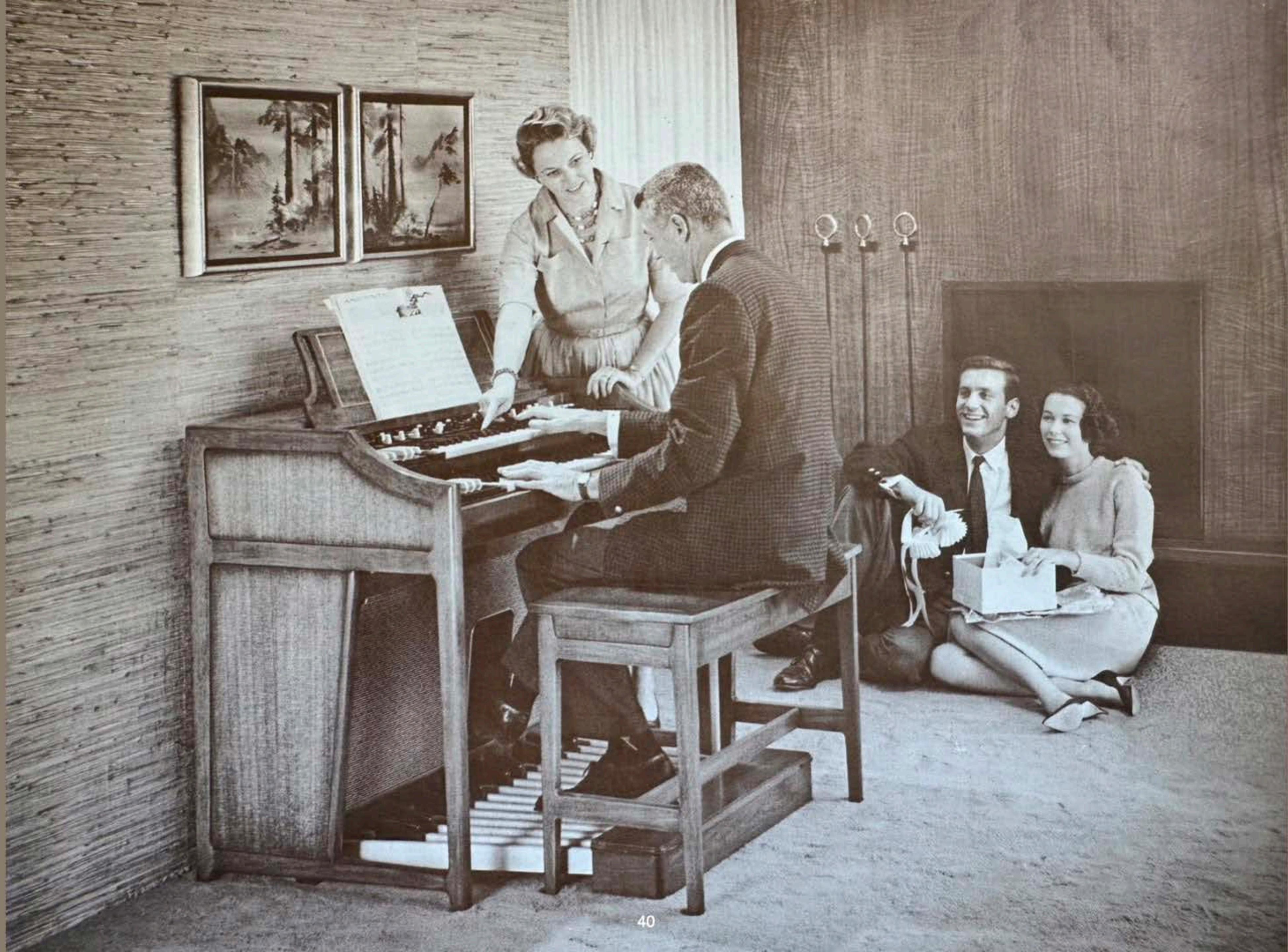




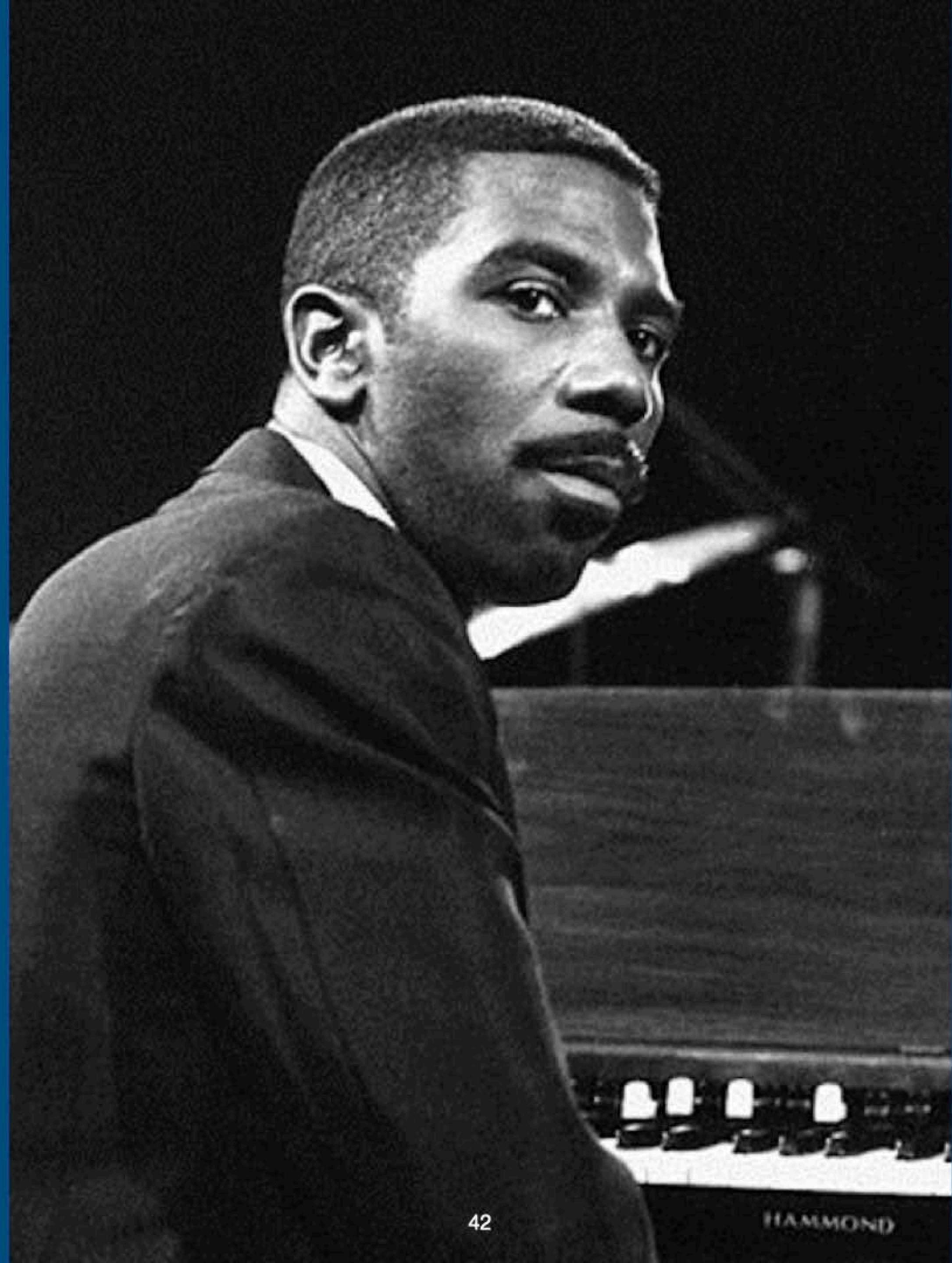












PR 7435



**SOUL MESSAGE**  
**RICHARD "GROOVE" HOLMES**









# SCULLERS

JAZZ CLUB





# DEEP BLUE ORGAN TRIO GOIN' TO TOWN

LIVE AT THE GREEN MILL

569

