

58 521. 1:8.	53 522, 1 : 8.	<b>53 523.</b> 1 : 12.
53,517. 10 Resonators for preceding, aft for fundamental tone $c_0 = 128$ con overtones, on board, with wood p	pound vibrations (ut, = $256$ v. s.	) and its first nine 5. 0. 0
	mental tone e <sub>0</sub> (ut <sub>2</sub> ) (first partial tone)	
53,518. 14 Universal Resonators after K one in the other, with graduation, the tones of the chromatic scale b	to be employed for all tones from	$g_{-1}$ (sol <sub>1</sub> ) to $c_3$ (mi <sub>5</sub> ),
The compass of the individual resonre $^+2_2$ ; (3) $d_{-0}$ to $f_{-0}$ (re $^+2_2$ to $f_{-2}$ ); (4) $f_{-0}$ (7) $e_1$ to $a_1$ (mi <sub>2</sub> to $la_3$ ); (8) ais 1 to $d_2$ (la $^+2_3$ ) to $g_{-2}$ (mi <sub>4</sub> to sol $^+4_4$ ); (12) $f_2$ to $a_2$ (fa 4 to	to re <sub>4</sub> ); (9) c <sub>2</sub> to e <sub>2</sub> (ut, to mi <sub>4</sub> ); (10) d <sub>2</sub> t	; (6) c <sub>1</sub> to e <sub>1</sub> (ut <sub>2</sub> to mi <sub>2</sub> ); o f <sub>2</sub> (re <sub>4</sub> to fa <sub>4</sub> ); (11) e <sub>2</sub>
Demonstration	on of Lissajous Curves.	
53,519. Apparatus for Demonstrating the projection as well as for drawing the Fig. 3393 [I, 494]; W. D. Fig. 234,	curves on blackened glass plates (1 220), with wheels for obtaining th	r. phys. Techn. I, 2, ne ratios 20, 24, 30,
36, 40, 48, 50, 59 and 60:60 .		
53,520. Kaleidophone after Wheatstone, base (M. P. I, Fig. 704, 728)		
53,521. Kaleidophone (Wheatstone's), F on iron stand with levelling seres		
When struck, the differently shape figures shine well and large on the ceilin	ed rods give directly the corresponding under incident light.	Lissajous curves. The
53,522. Universal Kaleidophone, after I spherical metal mirror (M. P. I., F	Melde, Figure, with adjustable Fig. 707 [731]), with screw clamp	e metal strips and 1.10.0

52,124. Double Pendulum after Airy, Fig. 52,124A and B, pp. 296 and 297

53,523. Pendulum Apparatus for obtaining the vibration curves of Wheatstone and Lissajous,