

D. E. Williams

Philadelphia, 8 mo. 13 1890

of Wilson Bros Co Philada.

To JAMES G. BIDDLE, DR.

Scientific Instruments
Electrical Apparatus
"Chloride" Accumulators

525 DREXEL BUILDING

Telephone 1372

Cable Address

"Jagabi, Philadelphia"

Order Terms Cash

Shipped via *fr*
No responsibility after shipment

All claims should be made within five days

		Fcs.	
Apparatus from Koenig, Paris.			
1	N ^o 27 Double Series	450.	-
1	386 Tuning Forks	145.	-
1	55 Universal Resonators	380.	-
1	38 ² Tuning Forks, Ut 4	35.	-
1	83 Pressure Regulator	35.	-
1	87 Kundt's Apparatus	80.	-
1	104 Open Pipe	21.	-
1	105 Closed "	21.	-
1	113 Set of Open Pipes	60.	-
1	127 Sonometers	110.	-
1	128 Clamp Bridges	20.	-
1	249 ^a Melde's Apparatus	120.	-
	Case and Packing	34.	-
	Consular Invoice	13.	-
		1524.	-

Fcs. 1524 @ 19 ³ / ₄ =	\$300.99	
Forwarding Chgs. to Steamer	2.70	
Ocean frt.	5.38	
Entry Charges	2.50	
Cartage & Insurance ^{1.48}	1.98	\$31

By error in extension
consigned to
Univ. of Vermont
Prof G. W. Hovey
Burlington Vt.

\$31

Duplicate

Philadelphia, 8 mo. 22/18

Dr. E. H. Williams,

1/2 Wilson Bros., Drexel Bldg., Phila.

Order: Wilson Bros.

To JAMES G. BIDDLE, DR.

Scientific Instrum
Electrical Apparatu
"Chloride" Accun

Terms

525 DREXEL BUILDING

Shipped via Freight.

Telephone 1372

Cable Address

No responsibility after shipment

All claims should be made within five days

"Jagabi, Philadelphia"

1	# 404 Gas Receiver	80	Francs
1	# 2796 Tesla Transformer	250	"
1	# 317 CO ₂ Apparatus	20	"
1	# 418 Alcohol Thermometer 105°	15	"
1	# 2798 Oil Transformer	150	"
4	Nickle Pouches	10	"
1	Solenoid	7.50	"
	Accessories for Self Induction Apparatus	8	"
1	Lamp A' boule	8	"
	Packing and cases	30.50	"
	Consul's fee	13	"
		<u>592</u>	"

592 Francs at $\frac{1}{4}$ 19 $\frac{3}{4}$	\$ 116 92
Inland freight	
Paris to Havre, & forwarding charges	3 41
Ocean freight	5 37
Entry charges	2 50
Cartage	1 00
Insurance	58 12

Consigned to
University of Vermont,
Prof. A. W. Stoddard,
Burlington, Vt.

Dr. E. H. Williams

40 Wilson Bros., Drexel Bldg., Phila.

To JAMES G. BIDDLE, DR.

Scientific Instrume
Electrical Apparatu
"Chloride" Accur

Order *Wilson Bros.*

Terms *525 DREXEL BUILDING*

Shipped via *Freight - to University of Vermont, Telephone 1372*

No responsibility after shipment *to Prof. A. W. Slocum, Burlington, Vt.*

Cable Address

All claims should be made within five days

"Jagabi, Philadelphia"

# 6	15	Pieces of Plate Glass	1	80
# 21	15	Brass Clamps and Pendulum Supports	15	00
# 22	30	Pendulum Balls	3	00
# 23	15	Torsion Pendulums	26	25
# 25	10	Monochromes with Right Angled Lenses	37	50
# 43	10	W. P. Calorimeters	8	00
# 44	10	Blackened Calorimeters	8	00
# 46	10	ea. Covers	4	00
# 47	10	Pairs of Stirrers	5	00
# 51	2	Liquor Measures	1	50
# 53	10	Photometer Screens & Candle Holders	7	50
# 54	30	Mirror and Lens Holders	3	00
# 56	5	Screens for measuring radius of Curves	5	00
# 72	15	sets Short Bar Magnets	11	25
# 74	10	Clamps and Magnet Supports	10	00
# 75	10	Long Bar Magnets	4	00
# 76	10	Magnetometers	82	50
# 78	10	Astatic Galvanometers	90	00
# 81	10	Ruled Tin Foils	8	00
# 96	10	Switches	8	00
# 100	30	Flexible Lead Wires	12	00
			351	30
Less 5%			17	57
Cases, packing, and cartage			333	73
			675	34

(duplicate)

Free

Philadelphia, 9 mo. 8 18

University of Vermont,

Prof. C. W. Slocum, Burlington, Vt.

Order Wilson Bros.

To JAMES G. BIDDLE, DR.

Terms

525 DREXEL BUILDING

Scientific Instrum
Electrical Appara
"Chloride" Accu

Shipped via

Telephone 1372

Cable Address

No responsibility after shipment

All claims should be made within five days

"Jagabi, Philadelphia"

Corrected Invoice

# 21	30	Aluminum Cylinders	30 00
# 16	12	lb. Iron Wire	25
# 18	15	Quantities of Aluminum Wire	6 00
# 19	2	Barometers	5 00
# 20	30	Sets of Capillary Tubes	3 60
	1/4	lb. #32 Copper Wire	45
	1/4	lb. #32 Brass Wire	35
# 28	1	lb. Brass Wire	40
	1/4	lb. Piano Wire	30
# 48	2	lb. Brass Wire in small pieces	1 50
# 50	10	Plane Mirrors	2 00
# 52	30	Mounted Meter Rods	25 50
# 67	20	Mounted Platinum Wires	13 00
# 83	20	Mounted German Silver & Brass Wires	40 00
# 88	10	Temperature Coefficient Coils	10 00
# 92	10	Primary and Secondary Coils	14 00
# 93	10	Soft Iron Rods	2 50
# 94	15	Double Contact Keys	26 70
# 95	20	Running Keys	19 00

205 05-

Less 5 40

10 25-

194 80

Packing & case

2 50

Cartage

75-

28.70 - 5% =

(1)

(duplicate)

Philadelphia, 9 mo. 26 189

D. C. Williams

To Wilson Bros

To JAMES G. BIDDLE, DR.

Scientific Instrume
Electrical Apparatu
"Chloride" Accum

Order *Wilson Bros*

Terms

525 DREXEL BUILDING

Shipped via *Express University Through*

Telephone 1372

No responsibility after shipment *To Adv. Sloum*

Cable Address

All claims should be made within five days

"Jagabi, Philadelphia"

		Mks	
<i>✓</i>	<i>From Hartmann Braun</i>		
<i>✓</i>	<i>378 Galvanometer</i>	<i>270</i>	<i>00</i>
<i>✓</i>	<i>2000 Ohm Coils for same</i>	<i>50</i>	<i>00</i>
<i>✓</i>	<i>379 C. Ammeter 0-20 Amperes</i>	<i>50</i>	<i>00</i>
<i>✓</i>	<i>381 C. Voltmeter</i>	<i>105</i>	<i>00</i>
<i>✓</i>	<i>391 Kohlrausch Bridge</i>	<i>130</i>	<i>00</i>
<i>✓</i>	<i>Telephone for same</i>	<i>20</i>	<i>00</i>
	<i>Case + Packing</i>	<i>9</i>	<i>75</i>
	<i>Consular Invoice</i>	<i>10</i>	<i>70</i>
	<i>Inland frt + fwd chgs</i>	<i>19</i>	<i>60</i>
		<i>665</i>	<i>05</i>

665.05 Mks @ 33 1/2¢ per Mks

Entry Charge

Ocean frt

Insurance

Chgs to Customs

Duplicate

R62 10012

Philadelph^o 9 mo. 30 189

D. C. A. Williams

To Wilson Bros

Order *Wilson Bros*

To JAMES G. BIDDLE, DR.

Scientific Instrume
Electrical Apparatu
"Chloride" Accurr

Terms 525 DREXEL BUILDING

Shipped via *for University of Vermont* Telephone 1372

No responsibility after shipment *J. G. W. H. Slocum*

Cable Address

All claims should be made within five days

"Jagabi, Philadelphia"

30	#10	Small Glass Discs	07
10	#30	Tuning Forks Michal Co	88
1	#31	Octaves of Tuning Forks	07
10	#35	Organ Pipes	35
10	#58	Mounted Short Focus Lenses	4 75
10	#59	Vertical Scales	6 65
15	#61	Double Convex Lenses	6 44
15	#62	" Concave "	6 44
20	#79	Voltaometers	17 50
10	#89	Sets of Resistances	21 35
10	#91	Spindles of German Silver Wire	14 75
29	#103	Daniell Cells	17 08
		Casepacking & tags to R. R. Station	2 10

Philadelphia, *12/9/96*

Dr. J. H. Williams

W. H. Wilson, Secy. Drexel Bldg.

To JAMES G. BIDDLE, DR.

Your Order *Wilson Secy* MANUFACTURER'S AGENT AND IMPORTER

Our Order _____ DREXEL BUILDING

Shipped by _____

ELECTRICAL AND SCIENTIFIC
INSTRUMENTS
PSYCHOLOGICAL APPARATUS
STORAGE BATTERIES
ETC.

All claims should be made within five days after receipt of goods.

24	Air Pump Plate	110	
26	5 Meters Rubber Tubing	17	50
282	Sec. Fall Apparatus	110	
299	Hipp Chronoscope	280	
292	Louys Apparatus	15	
312	Inclined Plane	50	
305	Friction Plate	6	
385	Centrifugal Machine	33	
374	Rolling Rings	6	50
399	Storimeter	10	
412	Siren Disk	8	
414	Wave Siren	12	
416	Smart's Wheels	12	
424	Insulating Cushion	30	
431	Louys Apparatus	95	
434	Siren Disk	18	
446	Rotating Magnet	12	
435	Elasticity Apparatus	60	
463	Adhesion Plates	20	
470	Pressure in Liquids	18	
477	Pressure with Depth	7	
544	Fall of Potential Apparatus	18	
573	Capillary Plates	5	
581	Capillary Plates	7	
587	Capillary Tubes	15	
595	Collodium Balls	12	50
601	Open Manometer	25	
603	Barometer Tubes	21	
624	Reading Telescope	100	

Philadelphia, 12/9/96.

M. E. Williams
c/o Wilson Bros. Drexel Bldg. Phila.

To JAMES G. BIDDLE, DR.

Your Order *Wilson Bros.* MANUFACTURER'S AGENT AND IMPORTER

Our Order DREXEL BUILDING

Shipped by

ELECTRICAL AND SCIENTIFIC
INSTRUMENTS
PSYCHOLOGICAL APPARATUS
STORAGE BATTERIES
ETC.

All claims should be made within five days after receipt of goods.

719	Galvanic Vacuum	22	50
734	Rubber Bag with Cock	2	00
756	Clement & Desormes Apparatus	6	50
785 76	Diff + End of Gases	10	-
783	Wire Tank	40	
785	Loaded Chord	10	
841	Wood Chest	45	
846	Singing Flames	60	
1040	Winkolds Goniometer	3	00
1089	Intensity of Reflection	3	75
1078	Glass Tank	40	
1140	Wicks Apparatus	15	50
1022	Optical Bench	50	
1024	(Sagano) (1026) (1027) + (1028)	41	25
1107	Polyprism	55	
1112	Prism Polyprism	60	
1118	Schromatic Prism Apparatus	40	
1260	Mitscherlich's Tubes	15	
1254	Torquem Quirer	18	
1264	Schachanal + Mermel Tube	10	
1261	Apparatus with Lyden Jar	30	
1279	Spectrum Reagents	12	
1284	Galvanic Inverting Apparatus	18	
1300	Fluorescence Tubes	16	
1312	Barium platinum cyanide strips	2	50
1314	Phosphorescing Substances 7	10	
1550	Micrometer Slit	27	
1555	Tablets Lense	36	
1344	Wood Stroscope	24	

Philadelphia, 12/9/26

Dr. J. H. Williams
of Wilson Bros. Drexel Bldg. Phila

To JAMES G. BIDDLE, DR.

Your Order *Wilson Bros.* MANUFACTURER'S AGENT AND IMPORTER

Our Order DREXEL BUILDING

Shipped by

ELECTRICAL AND SCIENTIFIC
INSTRUMENTS
PSYCHOLOGICAL APPARATUS
STORAGE BATTERIES
ETC.

All claims should be made within five days after receipt of goods.

1363	Color Contrast	11	50
1566	Glass Grating 3200 to cm	80	
17117	Fundalls Apparatus	11	
1781	Blating Stand	3	
1794	Cylinder with ice band	15	
1798	Thermometer, Alcohol	8	
1866	Demonstration Thermometer	10	
1817	Thermometer Tubes	12	50
1820	Ice Bath	9	
1821	Steel & Zinc Strip	2	
1837	Air Thermometer	3	80
1453	Exp of Air Constant Pres	10	
1858	Suspension Thermometer	7	50
1867	Wissner's Apparatus	33	
1870	Regulation Wouder	12	
1877	Saturated and Superheated Vapor	60	
1879	Table of Salt Solutions	36	
1883	Saturated Vapor Pressure	24	
1892	Melting Points	18	
1910	Andrius Press	36	
1915	Mercury Freezer	20	
1923	Critical Temperature Apparatus	5	
1936	Double Calorimeter	45	
1937	Specific Heat Balls	15	
2025	St. H. S. Bulb	10	
2082	Regnault's Hygrometer	45	
2123	Lamellar Magnet	30	
2125	Magnet Needles 150 mm ^{2127 Stand}	12	
2135	Apparatus with Magnets	24	

Philadelphia, 12/9/97

Dr. J. Williams
of Nelson Bros. Drexel Bldg. Phila
To JAMES G. BIDDLE, DR.

Your Order *Nelson Bros* MANUFACTURER'S AGENT AND IMPORTER

Our Order..... DREXEL BUILDING

Shipped by..... ELECTRICAL AND SCIENTIFIC INSTRUMENTS PSYCHOLOGICAL APPARATUS STORAGE BATTERIES ETC.

All claims should be made within five days after receipt of goods.

2166	Glass Rod	6
2168	Hard Rubber Rod	5
2172	Brass Rod Glass Handle	6
2175	Electric Penulium	18
2174	Alt + Rep Apparatus	24
2202	Faraday's Net	7
2208	Electric Curtain Roller	10
2209	Electrophorus 32 cm	16
2260	Glass Perforator	24
2263	Mascart Inst Stand	24
2264	Print + Plate Discharge	18
2273	Lein Leyden Jar	5
2276	Lein Jar Battery 40 cm	110
2281	Carver Unit Jar	20
2283	Russ's Shark Micrometer	48
2289	Kohlrausch Condenser	75
2307-8	Zn + Cu Plates	16
2315	Water Battery	48
2319	Wetmore Electrometer	250
2331	Bunsens Element 21 cm	750
2332	Daniels Element 21 cm	750
2333	Trons Element Size 2	15
2334	Carnets Cell 1 Liter	1050
2336	Leclanche Cell 20 cm	450
2339	Garais Dry Cell	4
2347	Psychrope 6 Elements	40
2363	2 Dubois Raymond Switches	36
2366	Dutens Commutator	21
2384	Bunsens Voltmeter	20

Cable Address
"Jagabi, Philadelphia."

OUR RESPONSIBILITY CEASES WHEN GOODS ARE DELIVERED TO TRANSPORTATION CO.
TERMS: NET CASH. SUBJECT TO SIGHT DRAFT AFTER 30 DAYS.

Philadelphia, 12/9/96

Dr. E. J. Williams
40 Mifflin Bldg Drexel Bldg

TO JAMES G. BIDDLE, DR.

Your Order *Mifflin Bldg* MANUFACTURER'S AGENT AND IMPORTER

Our Order..... DREXEL BUILDING

Shipped by.....

ELECTRICAL AND SCIENTIFIC
INSTRUMENTS
PSYCHOLOGICAL APPARATUS
STORAGE BATTERIES
ETC.

All claims should be made within five days after receipt of goods.

2395	Copper Voltmeter	24	
2517	Filters Apparatus	33	
2528	Electric Endoscope	7 50	
2533	Electric Magnet	4 50	
	Accessories 1, 2, 3, 4, 5, 6, 7.	241	
2621	Amphere Stand	70	
2475	Pole Determiner	11 50	
2029	Willow Birch	280	
373	Foucaults Pendulum	75	
2767	Absolute Vacuum Tube	13	
2781	Phosphorescing Lamp	15	
2782	Exhausting Tube	10	
2775a	Exhausting Tube 7, 9, 11, 14 + 21	66	
2306	Die Electrometer	60	
2765	Waltz Tube	13	
5	Cases & Packing	11 5	
	Int. for Foreign Agent		
	forwarding charges inland frt	153 85	
		5811 35	
	5811.35 Marks @ 23 ⁹ / ₁₀		13 88 92
	Ocean frt		25 75
	Entry chgs		2 50
	Insurance		6 82
	Cartage		1 25
			1425 24