

UNIVERSAL ELECTRIC STAGE LIGHTING CO.



238-240 West 50th Street, New York.

(Supplement to Catalogue F)

"KIEGL" STAGE POCKETS AND PLUGS.

Approved and listed by the Underwriters' National Electrical Association.

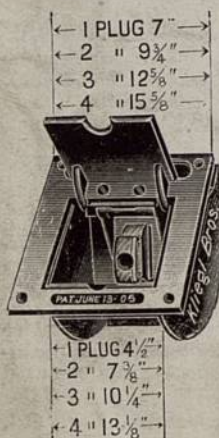


Fig. 350, Top View.

"Kliegl" stage pockets, Fig. 350, and plugs, Fig. 301, are pronounced the best and most practical and economical ever offered. They conform to the latest Underwriters' rules and are absolutely fire-proof, dustproof and foolproof.

The surface plate is small, and with its cover, which cannot be left open, is made of cast iron and flush with the stage floor.

The receptacle into which all current-carrying parts of 50 amperes 250 volts are mounted, is made of solid glazed porcelain.

The receptacle itself is securely fastened in the box, in an enclosed separate compartment. The receptacle can be removed from the box, after the pocket is installed, by taking out two flat head screws from the surface plate back of cover.

The rear of box holding receptacle with live metal parts is all enclosed, and a knock-out for 1-inch conduit is placed in the bottom. If desired, holes for conduit can be drilled on sides or rear of box. The front of box covered by the lid, is open at the bottom, so that no foreign substances can lodge there.

"Kliegl" Universal Plug, Fig. 301, is used exclusively in all our pockets. It is especially designed to withstand rough usage, and is made of hard fibre.

It has one solid, and one spring copper terminal connection. A very good point in this plug is an extra spiral spring underneath the spring copper terminal, so that it always makes a good contact in the pocket.

This plug is provided with a handle for pulling and inserting plug in pocket. A metal plate on the side, near the top of the fibre plug handle, deserves special attention, as it is removable and adjustable to fit any size cable.



Fig. 301.

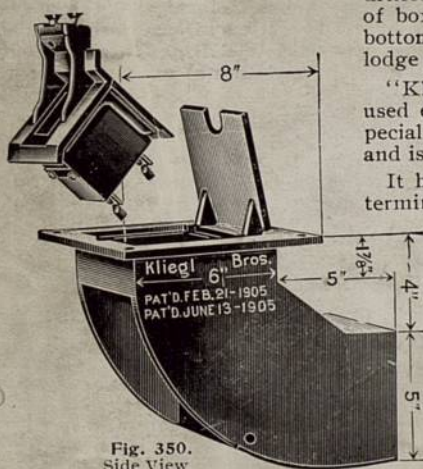


Fig. 350, Side View

W.D.
8°
1928
BR

"KLIEGL" STAGE POCKETS AND PLUGS—Continued.

This adjustable metal plate has small teeth which bite into the cable, and hold it firmly by its outer insulation. This ingenious device not only prevents the cable from unraveling from its outer insulation, but also takes away the strain or jar from the screw terminals. No other plug has these advantages.

½-inch holes lead from the cable hole in handle to screw terminals. This gives ample opportunity for lugs to be fastened to the cable ends, and then inserted through the openings in the handle to the screw terminals. Stage pocket, Fig. 350, is also made in two, three and four sections as shown in cuts.

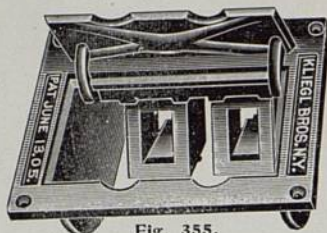


Fig. 355.



Fig. 301.



Fig. 360.



Fig. 365.

STAGE POCKETS AND PLUGS.

		50 Amp. 250 Volts	
Fig.	No. Sections	Price Each	Code Word
350	1	\$10.00	Habit
355	2	20.00	Hack
360	3	30.00	Hand
365	4	40.00	Hanpa
301	Extra Plug	2.00	Harsh
301A	Arc "	2.00	Harc
301B	Inc "	2.00	Hinc

No. 355 consists of two receptacles for arc and incandescent circuit. The plug and receptacles are provided with grooves, so that Arc pocket plug will not fit Incandescent pocket or vice versa. In this case the Incandescent pocket can be fused lighter.

Three section, Fig. 360, and four section, Fig. 365, are generally used for Incandescent circuits of the various colors, and the cable outlets in cover are lettered A.W.R.B., indicating amber, white, red and blue.

Opening to cut in Stage Floor for inserting Pockets		Size of Surface Plate	Weight
Fig. 350.	4½" front x 6" side	7" front x 8" side	20 lb.
355.	7¾" " x 6" "	9¾" " x 8" "	27½ "
360.	10¼" " x 6" "	12¾" " x 8" "	38 "
365.	13½" " x 6" "	15¾" " x 8" "	48 "

See Cut Fig. 350 for further dimensions.

INSULATING JOINT FOR STAGE POCKETS.

Approved by the Dept. of Water Supply, Gas & Electricity, New York City.

A device for connecting B & X cable to stage pockets and insulating the pocket from conduit.

		Price Each		Code Word
Fig. 1030.	½" Insulating Joint for 2 No. 10 wire,	\$.61		Hat
1031.	¾" " " " " 6 " "	.72		Hatch
1032.	1" " " " " 4 " "	.88		Haul

"KLIEGL" FLUSH WALL POCKETS AND PLUGS.

Approved and Listed by the Underwriters' National Electrical Association.



Fig. 310.



Fig. 301.

These are designed for schools, lecture rooms, hospitals, institutions, theatre balconies, etc., or wherever a locked outlet box is needed. The frame is cast iron and fits flush with the wall, and the receptacle is protected by a dustproof door, with lock and key, as shown in Figure 310. Our regular stage plug, Figure 301, fits these pockets.



Fig. 311.

FLUSH WALL TYPE.

50 Amp. 250 Volts.

Fig.	No. Section	Price Each	Code Word
310	1	10.00	Haven
311	2	20.00	Hawk
312	3	30.00	Hawser
313	4	40.00	Haze
301	Extra Plug	2.00	Harsh
		\$1.00 Extra for lock and key per pocket.	Heath

	Size of Iron Box			Size of Surface Plate	
Fig. 310	5½" high	x 5¼" wide	x 7" deep	7¼" high	x 6¾" wide
311	4½" "	x 9" "	x 7" "	7½" "	x 11½" "
312	4½" "	x 11" "	x 7" "	7½" "	x 13½" "
313	4½" "	x 14" "	x 7" "	7½" "	x 16½" "

"KLIEGL" 100 AMP. POCKETS AND PLUGS.

Approved and Listed by the Underwriters' National Electrical Association.

They are designed for 100 amp. 250 volts, and have a larger receptacle with double set of contact plates, otherwise similar in construction to our 50 amp. pocket, Fig. 350. The plug is similar to our Fig. 301 and is of the double pattern with two sets of spring copper terminals, and is made of fibre. The handle is capable of holding No. 2 stage cable.

Floor Type—100 Amp. 250 Volts.

Fig.	No. Sections.	Pockets and Plugs	Price each.	Code Word.
1350	1		\$18.00	Hedge
1355	2		36.00	Heel
1360	3		54.00	Heir
1365	4		72.00	Helm
1301	Extra Plug		5.00	Hemp

Size is the same as given for 50 Amp. Pockets, Fig. 350.

Flush Wall Type—100 Amp. 250 Volts.

Fig.	No. Sections.	Pockets and Plugs	Price each.	Code Word.
1310	1		\$18.00	Herb
1311	2		36.00	Heron
1312	3		54.00	Hide
1313	4		72.00	High
1301	Extra Plug		5.00	Hemp

"KIEGL" 3-WIRE POCKETS AND PLUGS.

The 3-Wire Pockets have large receptacles with busbars on three sides. The Plug, Fig. 2301, fits receptacles only one way, and cannot be reversed, and the polarity once placed right is always right. These pockets are similar in design to those shown in cuts on preceding pages.

Floor Type—50 Amp 125 to 250 V.

Fig.	No. Sections.	Price Each.	Code Word.
2350	1	\$20.00	Hinder
2355	2	40.00	Hispid
2360	3	60.00	Hobby
2365	4	80.00	Hoist
2301	Extra Plug	5.00	Holly

Size the same as given for 50 Amp. Stage Pockets, Fig. 350.

Flush Wall Type—50 Amp. 125 to 250 V.

Fig.	No. Sections.	Price Each.	Code Word.
2310	1	\$20.00	Honey
2311	2	40.00	Horde
2312	3	60.00	Hosier
2313	4	80.00	Hostel
2301	Extra Plug	5.00	Holly

"KIEGL" 500-VOLT POCKETS AND PLUGS.

The only pockets and plugs made of their kind, a safe and practical device for outdoor or indoor service. 500-Volt Pockets have two receptacles holding one busbar in each, furnished with a special plug to fit both receptacles.

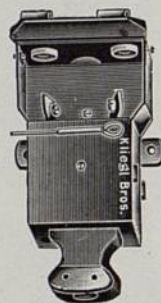


Fig. 307.

Fig.	50 Amps. 500 Volts.	Price each.	Code Word
333	Flush Floor Pocket and Plug	\$20.00	Hound
334	" Wall " "	20.00	Hourly
335	Weatherproof " "	22.00	Hovel
331	Extra Plug,	5.00	Howdah

Weatherproof pocket, Fig. 335, can be used on poles, etc., for outdoor work and in connection with iron conduit system.

"KIEGL" BREWERY WALL POCKETS & PLUGS.

Fig. 307 has one receptacle encased in iron box which can be mounted in a horizontal, vertical or angular position, as desired. Conduit connection can be made either from the top or rear or both sides. Pocket extends but 3" from the wall.

Furnished with "Kiegl" Universal Type Stage Plug, Fig. 301.

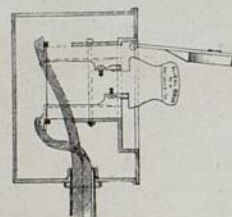


Fig. 308.

Fig.	Wall Type.	Price.	Code Word
307	Pocket and Plug 50 A. 250 V.	\$8.00	Howl
301	Extra Plug	2.00	Harsh

Size: High 6" Wide 4 3/8" Deep 2 1/4"

"KIEGL" BRASS FLUSH WALL POCKET & PLUG.

High School Type.

Fig. 308 shows a side and front view of our High School Type Pocket with heavy beveled edge brass face plate, flush door with lock and key, mounted in iron box.

Fig.	50 Amp. 250 Volts.	Price Each.	Code Word.
308	Pocket and Plug	\$12.50	Hudde
309	Without lock and key	11.50	Huge
301	Extra Plug	2.00	Harsh

Size: High 7" Wide 5" Deep 5"

"KIEGL" WATERPROOF FLOOR OUTLET BOX AND PLUG.

Approved and Listed by the Underwriters' National Electrical Association.

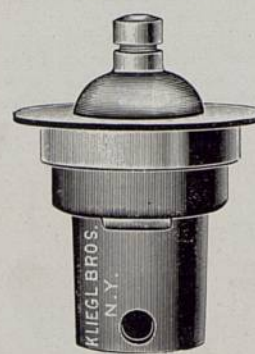


Fig. 300.



Fig. 301.

This box is made of cast iron, drilled for 1-inch conduit. Two covers are furnished for closing the Waterproof Box, and the plug cover is provided with Waterproof Cable Outlet. All current carrying parts are mounted into a solid glazed porcelain pocket, and can readily be removed from the box for connecting purposes by merely taking out the four screws. The box itself is secured firmly to the floor by means of screws on the outside rim.

"Kiegl" Universal Plug is made of fibre and designed to withstand rough usage and provided with a handle for pulling and inserting plug in pocket. A special metal plate on the side near the top of the plug handle, is for securing the cable firmly to plug by its outer insulation, thus preventing any strain on the screw terminals.

FLOOR TYPE.

50 Amp. 250 Volts.

Fig.	Pocket and Plug	Price Each	Code Word
300	" " " Iron	\$18.00	Hum
304	" " " Brass	20.00	Humble
301	Extra plug for No. 10 cable	2.00	Harsh
303	" " " 6 "	2.00	Humid

100 Amp. 250 Volts.

Fig.	Pocket and Plug	Price Each	Code Word
1300	" " " Iron	26.00	Humor
1304	" " " Brass	28.00	Humpty
1301	Extra Plug,	5.00	Hemp

"KIEGL" AUTOMOBILE CHARGING POCKET & PLUG

Approved and Listed by the Underwriters' National Electrical Association.

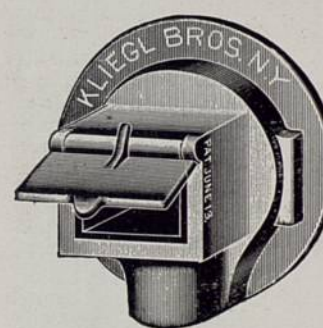


Fig. 305.



Fig. 301.

Fig. 305 is attached to the wall by rear plate, on to which the receptacle and outer casing are fastened. The box is made entirely of iron, and is provided at one side of the hood with outlet for 1-inch conduit. The opening for plug is provided with an automatic drop door, which serves to keep the dust from receptacles when not in use. The inner receptacle is made of porcelain, highly glazed, into which are mounted all current carrying parts.

Our regular "Kiegl" Universal Stage Plug, Fig. 301 is furnished, and can enter the pocket only one

way, and the polarity once put right is always right. This pocket and plug has found great favor for theatre use, as it can be placed anywhere on the fly, floors, bridges, balcony, or stage walls, etc

WALL TYPE. 50 Amp. 250 Volts.

Fig.	Pocket and Plug	Price Each	Code Word	Fig.	Extra Plug	Price Each	Code Word
305	" " " "	\$10.00	Hunch	301	" " " "	\$2.00	Harc

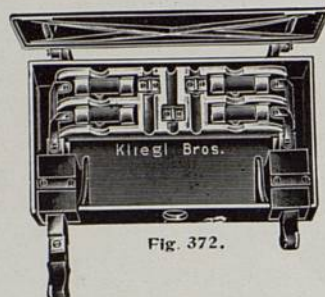
"KLIEGL" PANEL POCKETS AND PLUGS.

Fig. 372.

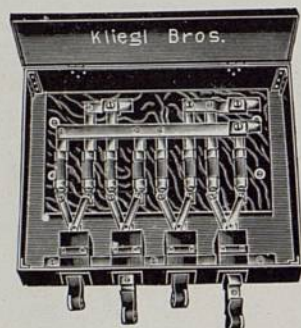


Fig. 374.

For use in Balcony, Bridges and Moving Picture Booths. Made in 2, 4, 6 and 8 outlets of 50 Amp. 250 V. each, furnished with a slate panel with 2 or 3 wire main busbars and N.E.C. fuses for each pocket, completely wired and connected. All enclosed in iron box, ready for conduit connection.

Busbars have special arrangement so that link fuses can be substituted for N. E. C. fuses, when used in Motion Picture Booth.

WALL TYPE.

Fig.	No. Outlets	Price Each	SIZE. L'gth	SIZE. Hgt.	SIZE. Depth	Code Word
372	2	\$27.00	15 in.	8 in.	3 1/2 in.	Label
374	4	54.00	20 in.	13 1/4 in.	3 3/4 in.	Labrus
376	6	81.00	28 in.	13 1/4 in.	3 3/4 in.	Lack
378	8	108.00	36 in.	13 1/4 in.	3 3/4 in.	Lackey
301	Extra Plug	2.00				Harsh

Panel Pockets with more outlets made to order.
"Kliegl" Universal Plug is used and furnished with all our pockets.

"KLIEGL" PORTABLE POCKETS & PLUGS.**Plugging Boxes or Spider Pockets.**

Built for rough stage usage. Can be used anywhere.

Fig. 391 shows our 4-section Spider pocket and plugs. They are made with 2, 4, 6, 8, 10 and 12 Receptacles, each fused separately. There can be no short circuit in our spider pocket, as the polarities are separated by slate, carrying the busbars and fuses on either side, all enclosed in strong wood casing lined with asbestos and having iron bindings. A special iron cap is furnished for cable protection.

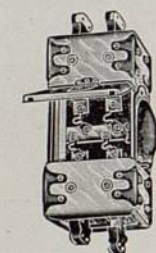


Fig. 391.
Four-Section.
Each 50 Amp.
125 Volts.

Fig.	No. Sections.	Price each.	Code Word.
380	2	\$ 8.00	Ladder
381	4	16.00	Lagoon
382	6	24.00	Lake
383	8	32.00	Lamb
384	10	40.00	Lance
385	12	48.00	Lapse
388	Extra Plug	1.50	Lesso

50 Amperes 125 Volts.

Fig.	No. Sections.	Price each.	Code Word.
390	2	\$ 9.00	Latch
391	4	18.00	Launch
392	6	27.00	Lawn
393	8	36.00	Lean
394	10	45.00	Levy
395	12	54.00	Liege
301	Extra Plug	2.00	Harsh

Portable plugging boxes are furnished with plugs and fuses complete.

Portable plugging boxes for 3 wire main, \$1.00 Extra.....Limp

Code Word.

"KLIEGL" STAGE CONNECTORS.**Approved Type**

For all Theatrical and Electrical purposes.
Extremely simple and rigid in each part.



Fig. 950.

Stage Connectors are made of hard fibre, with all live parts enclosed and provided on each end with an approved cable clamp (see Fig. 955-B), with teeth which bite into the cable and hold it firmly by its outer insulation. Suitable for making rapid and frequent electric connections, and indispensable for road companies.

Enclosed Type, 2-Wire.

Fig.	Amp.	Volts.	Price Each.	For Stage Cable.	Code Word.
950	5	125	\$.90	No. 14	Pack
951	5	125	.90	16	Paddle
952	5	125	.90	18	Pagan
955	15	125	1.25	14	Pall
956	30	125	2.00	10	Pallid
957	60	125	4.25	6	Pallor
958	100	125	6.50	2	Palmy

3 - Wire.

Fig.	Amp.	Volts.	Price Each.	For Stage Cable.	Code Word.
3950	5	125	\$2.00	No. 14	Pang
3951	5	125	2.00	16	Pantry
3952	5	125	2.00	18	Para
3955	15	125	3.00	14	Parade
3956	30	125	4.25	10	Parch
3957	60	125	6.50	6	Parole

Multiple Stage Connectors.

Designed to take two separate connections from one feed cable.

Fig.	Amp.	Volts.	Price Each.	For Stage Cable.	Code Word.
1950	5	125	\$2.00	No. 14	Parrot
1951	5	125	2.00	16	Parse
1952	5	125	2.00	18	Pastel
1955	15	125	3.50	14	Pathos

"KLIEGL" ARC CONNECTOR**For Asbestos Wire.**

For connecting asbestos wire on arc lamps provided with cable clamps and each furnished with four Kliegl Solderless Lugs.

Fig.	Amp.	Volts.	Price Each.	Asbestos Cable.	Code Word.
960	30	125	\$1.75	No. 10	Pauper

Approved and recommended by the Dept. of Water Supply, Gas and Electricity, City of New York.

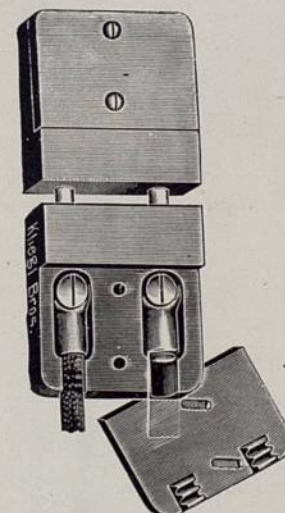


Fig. 960.

"KLIEGL" AUTO CONNECTOR.

Is made in two parts, the inner of fireproof insulating material in which the contact pins are mounted, and the outer casing of aluminum, with a clamp door on each end for holding No. 6 stage cable by its outer insulation.

Fig. 965 shows the two parts combined, the projecting casing effectively prevents the short-circuiting of the exposed male terminals. This connector is very strong and durable and is not reversible and therefore specially adapted for garages for charging storage batteries, etc. All live parts are enclosed.

They are superior to any solid wall connection.

AUTO CONNECTOR.

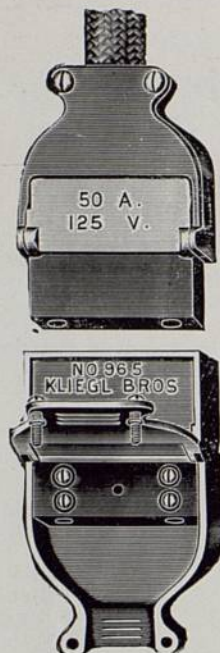


Fig. 965.

Fig.		Price	Code Word
965	50 Amp. 125 V.	\$5.00	Parting

"KLIEGL" SIGN CONNECTORS.

A small, neat device for connecting electric letters to signs which are changed frequently. A rapid interchangeable connector.



Fig. 971.

Fig.		Price	Code Word
971	5 Amp. 125 Volts	\$.20	Paver

"KLIEGL" CONNECTOR FOR B & X CONDUIT.

This is our regular 15 Amp. Stage Connector, provided with aluminum ends for holding and clamping flexible steel armored cable.



Fig. 977.

Fig.		Price	Code Word
977	15 Amp. 125 V.	\$3.00	Pawl

CHANDELIER CONNECTING BOXES.

With flexible connector, allowing the electric connections to be made rapidly for lowering chandelier for relamping. All enclosed in iron box. Made up at short notice.

Price of box with 6 conductor connection, \$5.40

Approved by the Dept. of Water Supply, Gas & Electricity, City of New York.

"KLIEGL" STAGE CONNECTORS.

Lace Type.



Fig. 400.

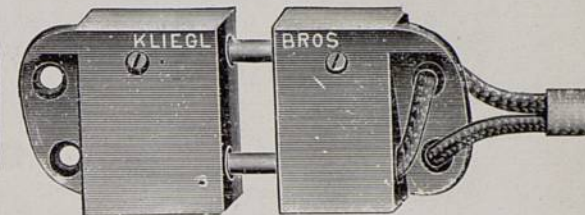


Fig. 405.

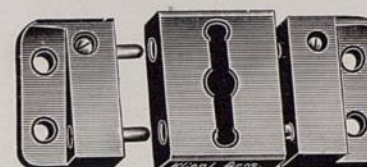


Fig. 420.

Lace Type Stage Connectors are made of hard fibre and cut diagonally on the ends. Each end is drilled with two eye-holes to allow the cable ends to be laced to the connectors, taking off all strain from connecting screws.

Fig. 420 shows a 2-way Multiple Stage Connector designed to take off two separate connections from one feed cable.

LACE TYPE.



Fig. 445.



Fig. 446.



Fig. 447.

Fig.		Amp.	Volts.	Price Each.	Code Word.
400	Fibre 2-Pole	5	125	\$.90	Pearl
405	" 2 "	25	125	1.50	Pebble
410	" 2 "	50	125	2.50	Pecan
415	" 2 "	75	125	4.50	Pedal
420	" 2-Way	5	125	2.00	Peer
425	" 2 "	25	125	3.00	Pelts

STAGE CONNECTORS FOR DRY BATTERIES.

Fig.		Amp.	Volts.	Price Each.	Code Word.
445	2-Pole	5	20	\$.45	Pepsin
446	2 "	10	20	.55	Peril
447	2 "	2	20	.55	Perky

Figs. 445, 446 and 447 are made of hard rubber.

CURLING IRON HEATER For Gas For Use in Dressing Rooms.

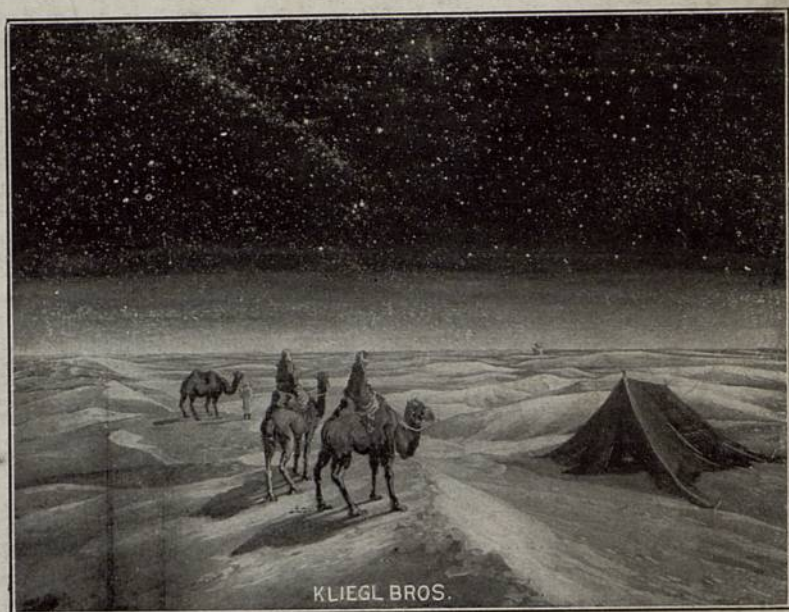
Fig. 999 consists of an iron box, well protected and ventilated and arranged to hold and heat several curling irons at one time. Can be set into or against the wall. A practical device, absolutely safe and fireproof.



Fig. 999.

Fig.	Price	Code Word
999	\$3.33	Quack

KLIEGL BROS. ELECTRIC STAGE AND SCENIC EFFECTS.



The above is an illustration of the desert scene in the production; "The Garden of Allah," showing the night scene with the brilliantly lighted starry sky; a correct reproduction of a southern sky, with the Milky Way and falling stars. The final scene follows the illusion of the driving sand storm effect in the early part of the scene, with the sand sweeping by in tremendous drifts, and the shrieking wind howling over the desert waste. No words can describe the weird, unearthly effects of this stage phenomenon. The audience involuntarily brushed imaginary sand out of their eyes.

Original effects created for "Madam Butterfly", "Under Two Flags", "Rheingold", "Darling of the Gods", "Ninety and Nine", "Wizard of Oz", "Babes in Toyland", "The Vanderbilt Cup", "Creation", "Galveston Flood", "Fall of Pompeii", "The Land of the Midnight Sun", "The Blue Bird", "The Bird of Paradise", "The Garden of Allah", etc.

We are manufacturers and designers of Electrical Stage and Scenic Effects for Electrical Spectacular Productions, Summer Park Amusements and Expositions, and every mechanical and optical contrivance possible is employed to make same realistic.

Space is too limited to describe all the different Stage Effects we make and produce.

For further particulars and prices on Effects, see Catalogue F.