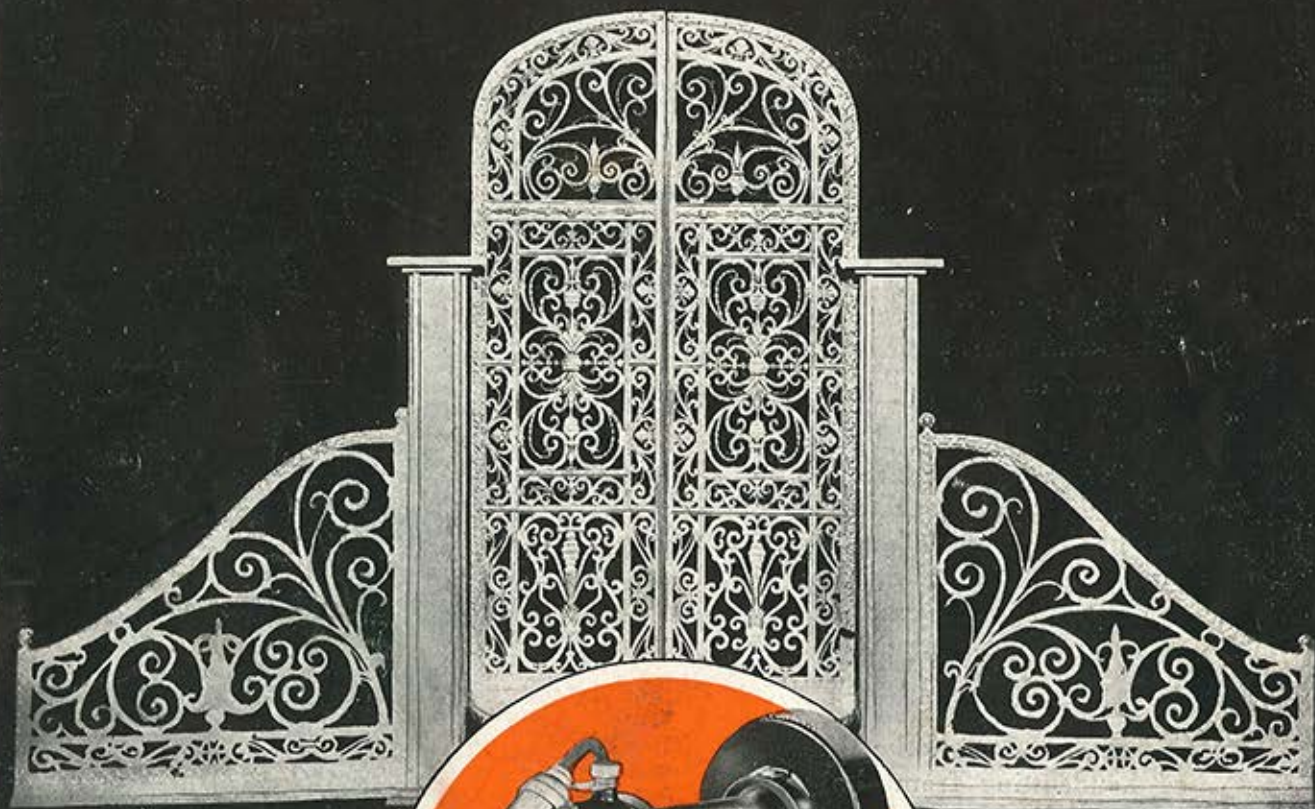


THE INTERNATIONAL

Cutawl



THE INTERNATIONAL REGISTER COMPANY

15 South Throop Street, Chicago, Illinois, U. S. A.

The International Cutawl

A new era in the field of display and sign making was ushered in with the coming of the Cutawl. What had formerly been slow, tedious hand operations became speedy, accurate machine work. Designs of the most intricate type were produced with ease; the time necessary for their execution was reduced to a minimum; the field of the display man was enlarged. The new portable type Cutawl offers even greater possibilities. Improvements assure to every user displays that are unexcelled for perfect cutting, no matter how delicate or lacy the pattern or how comprehensive or complex the subject.

Easier Operation Cuts with Chisel or Saw

The model K7 Cutawl, as also K6, provides two methods of cutting—with a chisel or with a saw, and is convertible for either use by the substitution of one blade for the other. It combines the efficiency of the earlier models with greater ease of operation, increased power, and an even higher degree of accuracy. Where the Cutawl was originally designed to banish the drudgery of handcutting from the workrooms of display men, sign shops, scenic studios and pattern shops, the new model enables its user to produce even the most intricate designs easily and quickly.

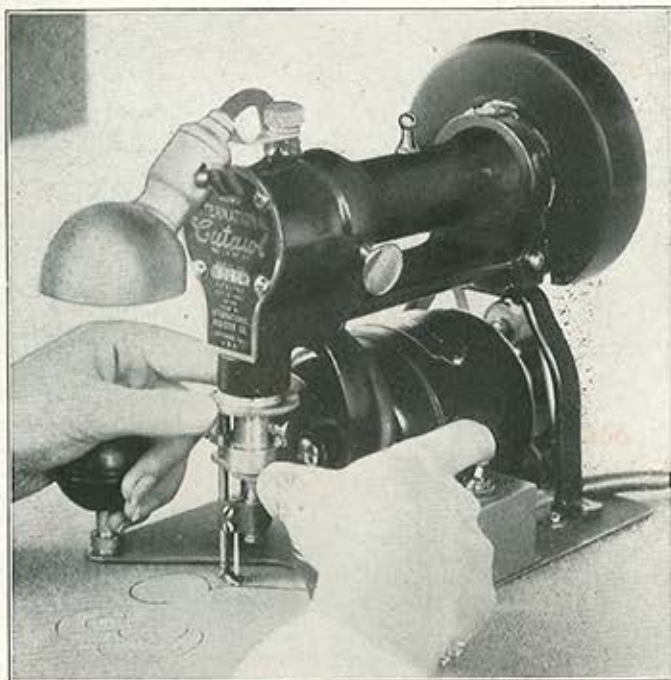
Self-Contained Portable—

The new Cutawl is more easily operated because it is entirely portable and wholly self-contained. To operate, grasp the handle grips and slide the machine across the material to a position immediately over the design to be cut. The thumb and forefinger of the left hand manipulate the ball bearing swivel control and guide the chisel accurately into the design, while the forefinger of the right hand switches on the current. The swivel control enables the operator to start the

chisel accurately into the design without removing his hands from handle grips. *It's just as simple as that.*

The only adjustments necessary in operating the new Cutawl are those which determine the length of the stroke and the degree of clearance between work and chisel. These are easily and quickly made *without the use of any tools whatever.*

When not in use the Cutawl may be tipped up on end without turning off the motor, or while the chisel is coming to a stop.





Operates in Any Plane

Because it is not attached in any way, except by electric cord, the new Cutawl can be operated in any plane—horizontal, vertical, or oblique. The machine slides easily on its base plate of polished stainless steel as it is guided over the pattern. (It weighs but 13 pounds). An adjustable electric lamp throws light directly on the cutting line.

Self-Lubricating

The new Cutawl is more sturdy and even more trouble-free than earlier models. The principal working parts are enclosed, and the bearings and connecting rod are *self-lubricating* from reservoir requiring only an occasional filling. The tension of the driving belt is automatically maintained to prevent slippage.

Full 3/4-inch Cutting Stroke More Power

The new Cutawl is more powerful. A new aluminum-housed 1/12th horse power single-speed universal motor makes possible a full 3/4 inch cutting stroke without sacrifice of cutting speed. This

greatly increases the cutting capacity and makes possible the cutting of a great variety of materials up to a maximum thickness of 3/4 inch.

By using a special side cutting chisel, newly developed for cutting cloth, soft materials may be cut up to a thickness of 1 1/2 inches. This *doubles* the capacity of the Cutawl on soft materials. The motor operates on either direct or alternating current, from any 110 to 120 volt lighting circuit. Motors for other than 110-120 volt current can be furnished specially.

In cutting straight lines the machine is easily guided by the use of a straight edge laid parallel to the cutting line. For cutting circles a circle cutting attachment may be purchased, which enables the machine to cut perfect circles from 3/4 inch to 48 inches in diameter.

Adaptable for Sawing

The new Cutawl is quickly adaptable for use in *sawing* where the material is too hard or too thick for the chisel to penetrate. The substitution

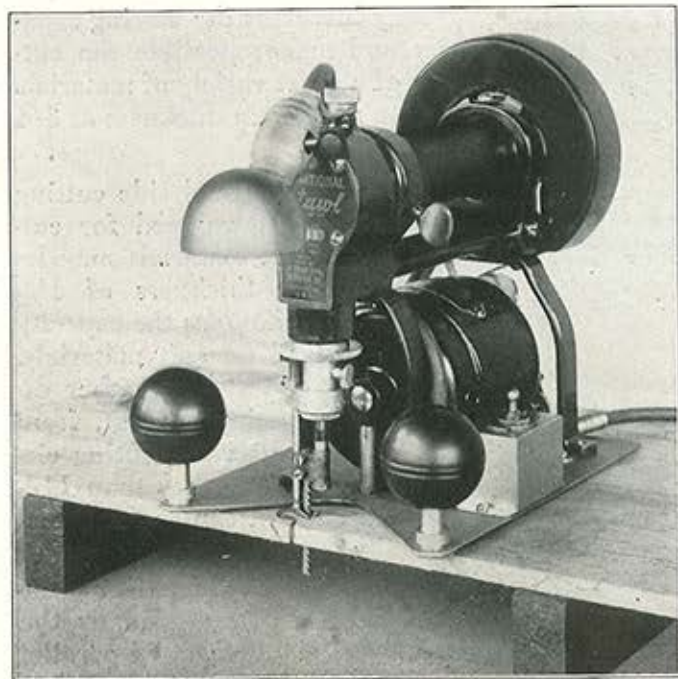


TOOLS & METALS - SHOP SUPPLIES

76 First Street
SAN FRANCISCO
D'Angelo 4189

11th & Alice Sts.
OAKLAND
TEmplebar 2800

INTERNATIONAL CUTAWL



of a saw blade for the chisel is all that is necessary. The ball bearing swivel enables the saw to move freely and to follow the design accurately. When the Cutawl is used for sawing, the board being cut should be elevated on two parallel strips of sufficient height to clear the stroke of the saw blade. (See illustration.)

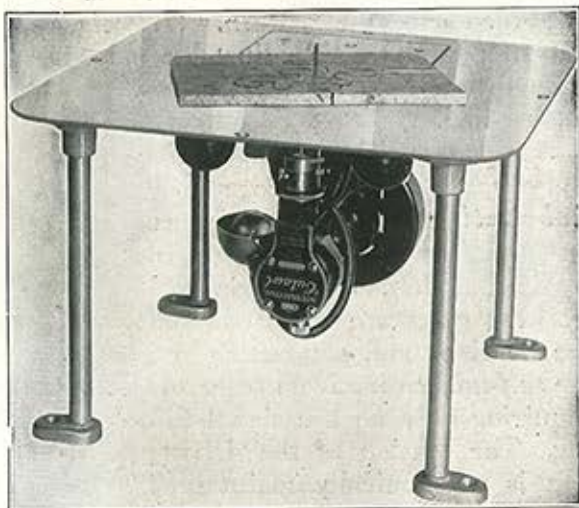
As the Cutawl is entirely portable and light in weight, its user will find it practical as a tool for sawing designs already secured in place, no matter in what position or angle.

Cutawl For best results in sawing, however, we recommend
Saw Table that the machine be mounted in the Cutawl Saw Table, as illustrated. By this process the Cutawl is inverted and placed beneath the table entirely out of the way, while the saw blade projects through, for cutting. This saw table may be mounted on the top of any bench, as in the illustration, with the legs secured in place by screws. Or, if desired, the legs can be detached and the top only used. In this event, a hole is cut in

the bench just large enough to accommodate the saw table, which will then lie flush with the top of bench.

In thirty seconds any Model K7 Cutawl can be snapped into place in the saw table. Simply invert the Cutawl, slide it on the two ledges in the top and push the latch in position. The material to be cut is held against the saw blade, which swivels freely in any desired direction as the operator guides the pattern. Any design may be accurately sawed with very little motion of the material and *without turning it*.

This swivel feature of the Cutawl, and the convenience of the flush mounting top, are of great advantage when sawing large panels or sheets. An eight inch hole, for example, may be as easily sawed in a sheet of material 3 feet wide by 8 feet long as in a piece of the same material 1 foot square. It is our belief that no other saw, regardless of size or price, can offer this same advantage.



**For Sawing a
Variety of Materials**

By the use of a proper saw a great variety of materials may be sawed by the Cutawl in combination with the saw table. The standard saws furnished with all Cutawls will cut practically all materials, (except metals), a few of which, together with the maximum thicknesses successfully cut, are:

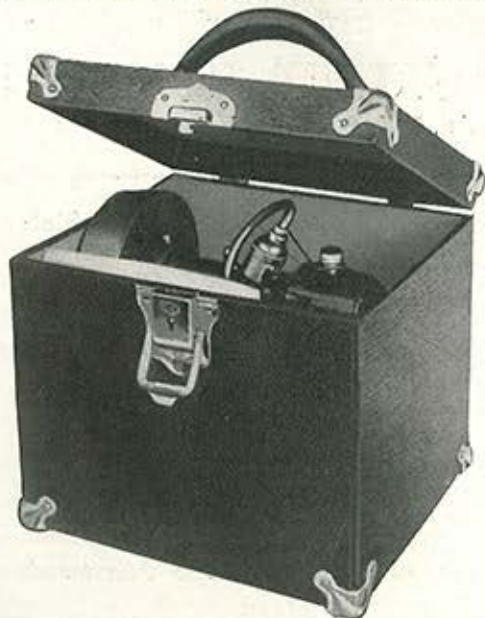
Soft Wood	1-inch thick
Hard Wood	5/8-inch thick
Celotex	1 1/2-inch thick
Fibre Sheet	3/4-inch thick
Celluloid Sheet	1/8-inch thick

We furnish on order, high speed steel saws for sawing metal and other hard materials in maximum thicknesses as follows:

Bakelite Sheet	3/8-inch thick
Sheet Metal (including steel)	3/32-inch thick
Wire insert packing	1/2-inch thick

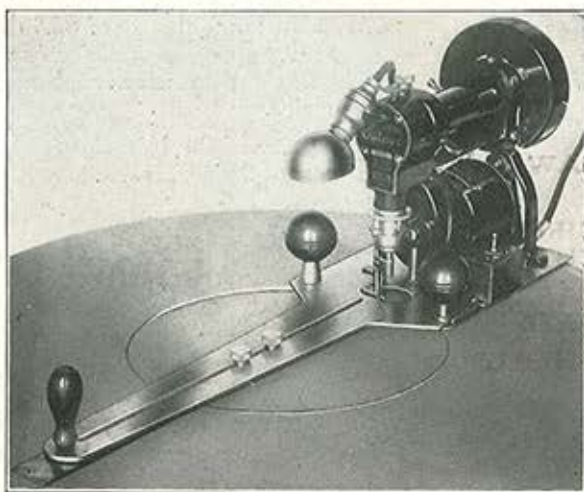
**Meeting Your
Special Cutting
Requirements**

Perhaps you have a problem in cutting that requires some special attachment or new form of chisel or saw. If so, feel free to write us, sending samples and full details. We will then go into the matter thoroughly in an effort



to devise special means to enable the Cutawl to meet your cutting needs. We have recently designed a saw that cuts corrugated asbestos insulating material up to 3 inches thick. In another case we

solved a customer's problem of cutting small letters from celluloid sheet simply by sharpening a standard chisel in a special way.



**Circle Cutting
Attachment for
K6 and K7 Cutawl**

The circle cutter is an attachment made of nickel plated steel which fits on the front of the Cutawl and guides it so that the chisel cuts a true circle. The attachment is locked on to the two ball handle studs and has a movable slide carrying a pivot pin which may be adjusted to cut 3/4-inch to 48-inch diameter circles. It may be attached in an instant by hooking the attachment on the Cutawl right hand stud, swinging it into position against the left hand stud and tightening it down with the left ball handle. The adjustment for size of circle to be cut is made by loosening two thumb screws and moving slide to desired size on numbered scale and tightening the screws.

Convenient Carrying Case Cutawl owners find it practical and profitable, in many instances, to take their equipment to the job rather than bring the job to the equipment. For this purpose the Cutawl case, illustrated at left, is available at very low cost. It is also of special value for protecting the Cutawl from unauthorized use and from the theft of chisels and supplies. In addition, it provides protection from moisture and dirt. Case is well made of 3-ply basswood covered with high grade imitation grain leather. Tool pocket inside of case.

Prices

CUTAWL

The price of the K7 International Cutawl, complete with 110 to 120 volt motor, electric light, three dozen chisels, 12 each of 3 sizes, and one dozen saw blades, 6 each of 2 sizes, is.....\$135.00 f.o.b. Chicago

An additional charge of \$5.00 will be made for motors for voltage other than 110-120. In ordering specify voltage on which Cutawl is to be operated and whether current is alternating or direct. If current is alternating give number of cycles.

SAW TABLE

The price of the K56 Cutawl Saw Table complete with one dozen saw blades, 6 each of 2 sizes, is.....\$12.50 f.o.b. Chicago

CIRCLE CUTTER CARRYING CASE

The price of the circle cutting attachment for Models K6 and K7 Cutawl is

.....\$7.50 f.o.b. Chicago
The price of the carrying case for Models K6 and K7 is \$5.00 f.o.b. Chicago

CHISELS

	1 to 4 dozen. Price per doz.	5 to 11 dozen. Price per doz.	Gross lots. Price per doz.
Nos. 0-1-3, made of high carbon steel	\$1.50	\$1.25	\$1.00
Nos. 2-4-6, same as above, except furnished with step cut end	1.75	1.50	1.25
No. 7, special cutting chisel	4.00	3.75	3.50
Nos. 11-12-13-14, made of high carbon steel	2.00	1.75	1.50
No. 15, made of high speed steel, for cutting metal	4.25	4.00	

SAW BLADES

TERMS

Net cash 30 days, or less 2 per cent for cash if paid within fifteen days from date of shipment to those of established credit rating. Others should furnish satisfactory trade references, remit in advance, or order C. O. D.

GUARANTEE

We guarantee the International Cutawl against defects of material and workmanship for one year from date of shipment.

THE INTERNATIONAL REGISTER COMPANY

Established 1891 15 South Throop St., Chicago, Ill., U. S. A.

Sizes and weights when packed for shipment

Cutawl boxed 8½ x 9¼ x 12 inches.
Weight 18 pounds.

Cutawl in Carrying Case and boxed
10 x 12 x 13 inches, Weight 25 pounds.

Carrying case boxed, 10 x 12 x 13 inches,
Weight 10 pounds.

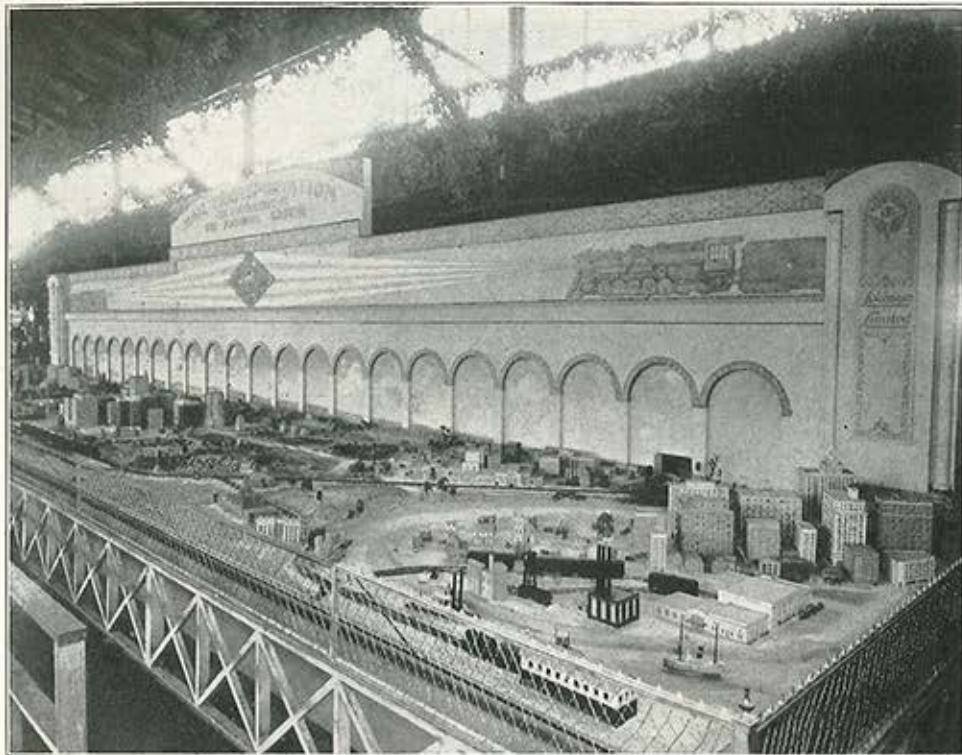
Saw table boxed 2½ x 15 x 15½ inches,
Weight 18 pounds.

Following are some materials which have been successfully cut:

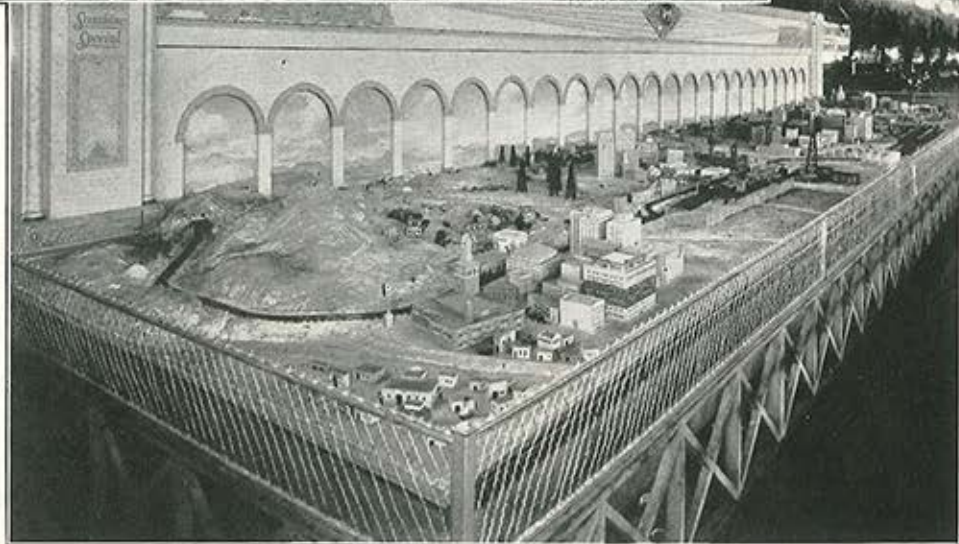
Upton Board	Cornell Board
Beaver Board	Celotex
Compo Board	Homasote
Insulite	Masonite
Dilecto	Bakelite
Felt	Cardboard
Celluloid	Sheet Rubber
Tissue Paper	Sheet Fibre
Linoleum	Stencil Board
Leather	Sheet Zinc
Aluminum	Other thin metals

On the following pages are reproduced designs executed with the aid of the Cutawl. They suggest the wide scope of this marvelous cutting machine and will, perhaps, give you a better idea of its practical value in your work.

INTERNATIONAL CUTAWL



View showing New Orleans in the foreground with El Paso at the extreme left, and Fort Worth and Dallas in between.

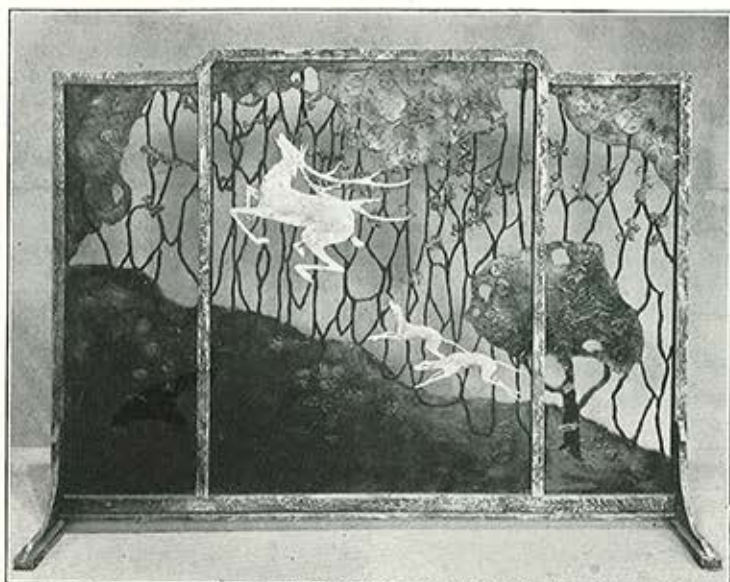


This view shows El Paso in the foreground with New Orleans at the extreme right.

IMAGINE if you can a vast panorama, with New Orleans at one end and El Paso at the other, with a suggestion of Juarez with its adobe houses just across the Rio Grande, and you will have some idea of the comprehensiveness of this marvelous display, executed by J. A. Poteet of Dallas, Texas.

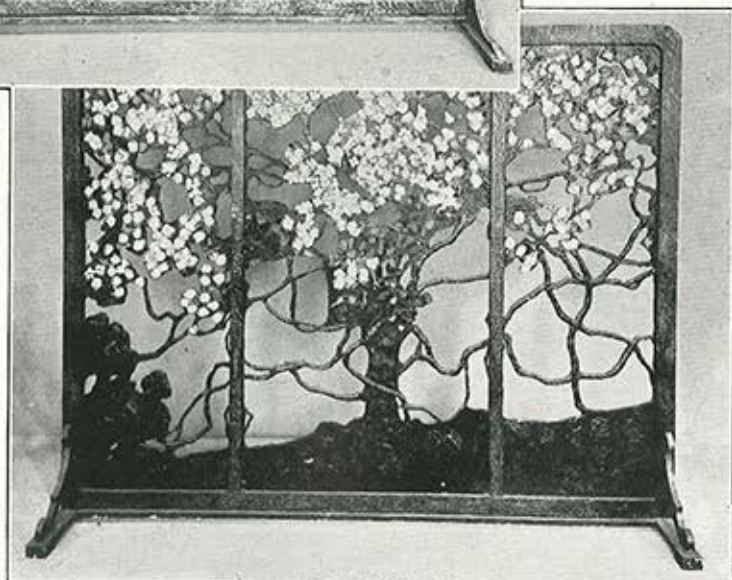
The display was a feature at the Texas State Fair, and illustrated in realistic manner the territory traversed by the Texas and Pacific Railroad. It measures 100 feet long, 20 feet wide and 15 feet high. Not only does it reproduce cities instantly recognizable by those who are acquainted with them, but also the topography of the surrounding country — farming districts, Mount Franklin, cattle country, the Rio Grande, etc.

Writes Mr. Poteet: "Rome was not built in a day, but it remained for the Cutawl to make it possible for me to create a modern city in miniature in only a few days. . . . Your wonderful machine not only enabled me to deliver this job promptly, but also others in which I am able to feel the same pride."

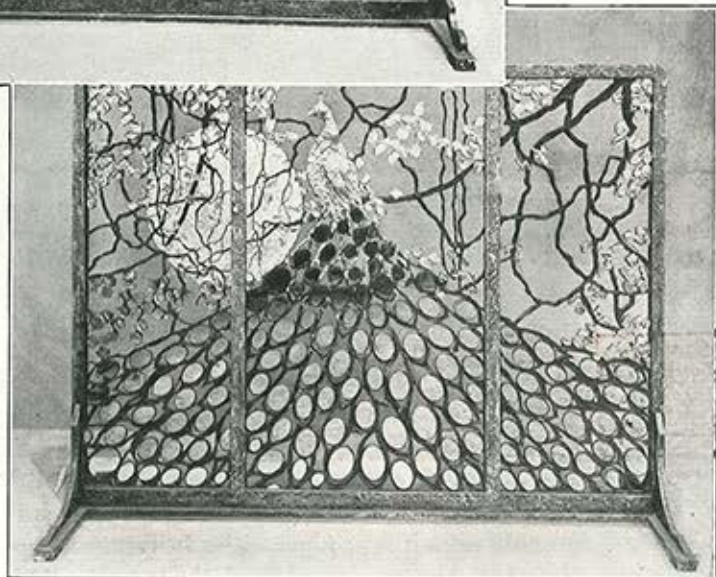


Frame is white pine and panels are of homasote. Trees, ground and cloud effect a copper bronze, glazed with burnt umber. Stag and hounds in aluminum leaf. Stems and tree trunks in dark brown. Frame black with silver high lights.

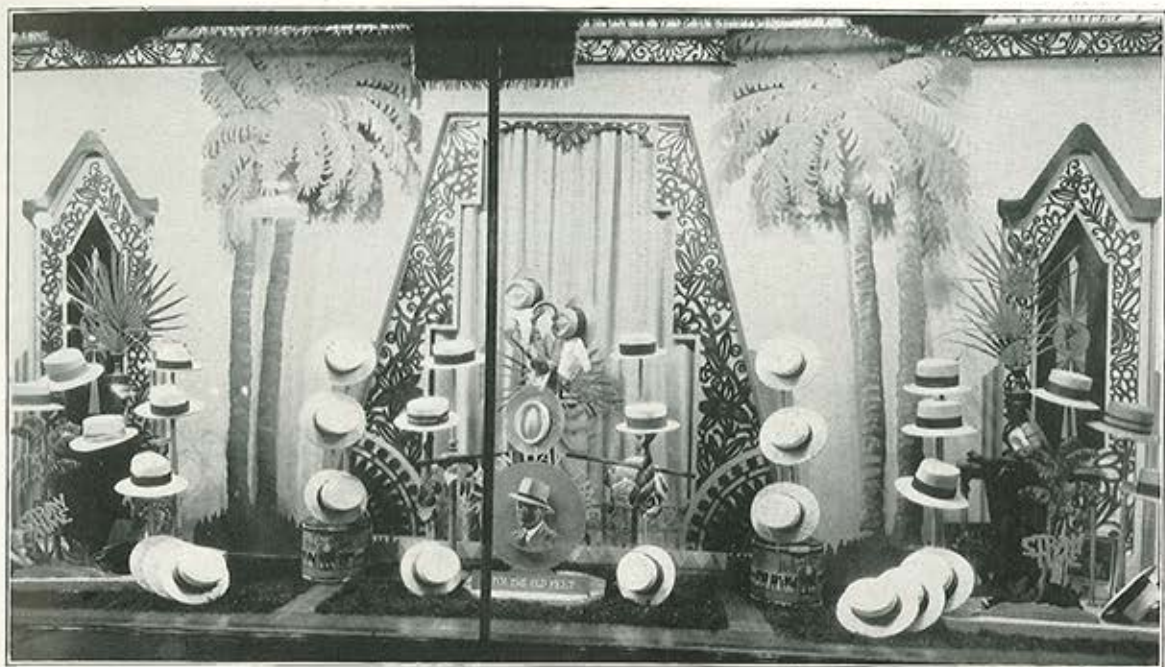
White pine frame and homasote panels. Texture on flowers applied with palette knife. Flowers and leaves painted in oil in natural colors. Frame is dark green with gold high lights. Bottom panel in plain green.



Frame of white pine—panels of homasote. All connecting branches, vines, feathers, etc., in black. Various sizes of oval mirrors placed in feathers. Bird's body and head of gold leaf; moon is silver leaf; leaves are gold leaf. Frame is black with silver high lights.



A GROUP of unusually interesting, not to say fascinating, screens—executed by L. D. Eckenrode, Display Manager, Detroit Edison Company. Work of this character indicates the all 'round adaptability of the Cutawl for cutout work. It is unsurpassed for producing, easily and quickly, those display effects that catch the eye and fairly command attention.



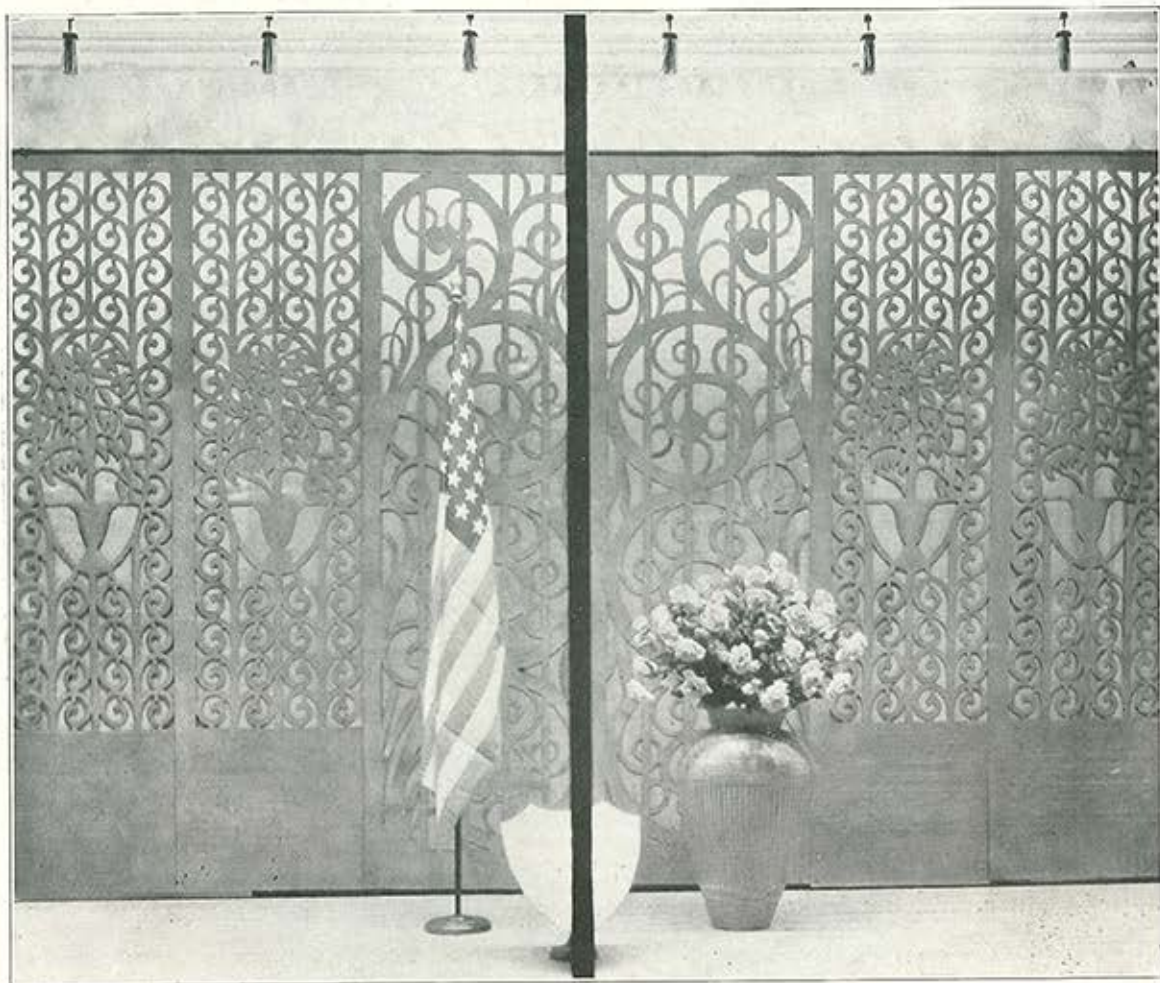
These attractive window displays greeted those who passed Perkins Bros. Co. establishment at Paris, Texas. The background served a double purpose, not only suggesting the advent of a new season, but also providing a most pleasing and colorful setting for the merchandise.

All scroll work in doorways and borders, the lettering, the panels, the palms in the upper picture, and the triangles in the lower, were made with the Cutawl.

CREDIT is to be given Mr. Bruce Phenix, Display Manager for Perkins Bros. Co. for producing these displays. Incidentally, Mr. Phenix, with the aid of the Cutawl, has produced innumerable other window effects of outstanding excellence. "Our Cutawl work," he states, "has made quite an impression on the public. People are always asking us where we get our scroll-work cut."



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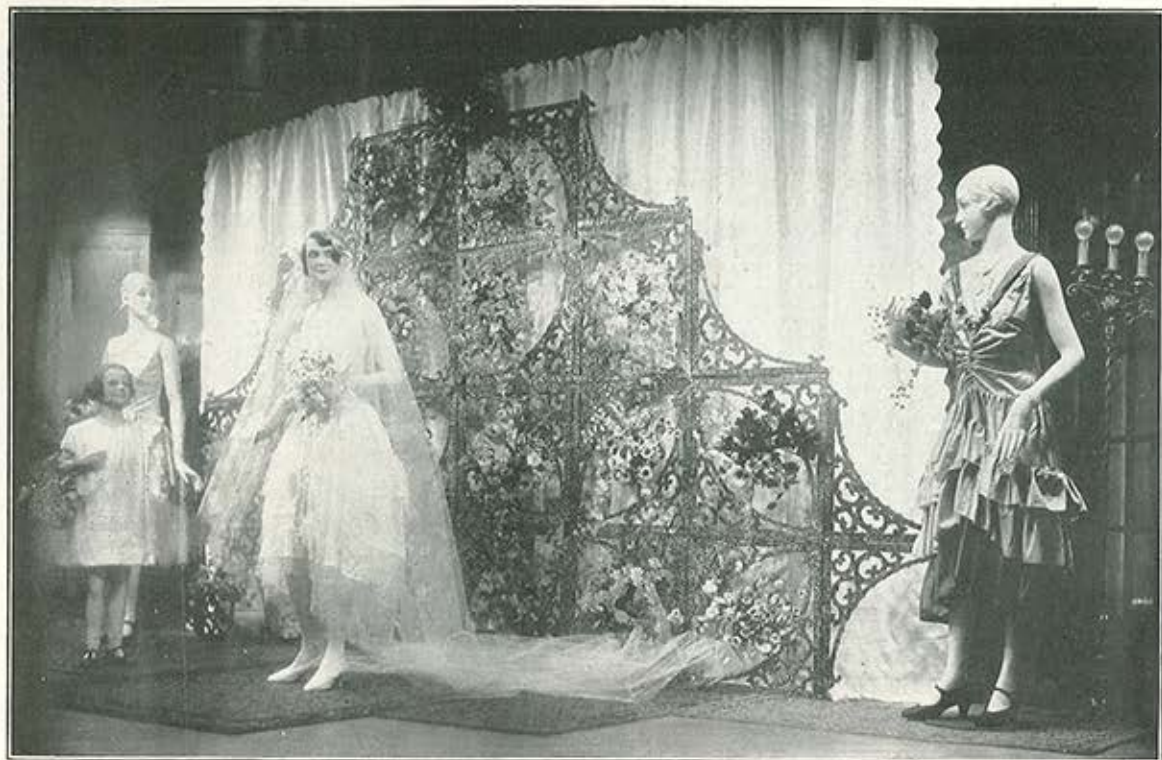


SURPRISING as it may seem, this effective background was made entirely of old felt. It was executed by M. H. Lubber, Display Manager for The Killian Company of Cedar Rapids, Iowa. Mr. Lubber writes as follows:

"The regular backgrounds that we had were not suitable for a Decoration Day display, so this one was prepared on short notice, the entire background being cut in one afternoon. It was started Tuesday noon, finished Tuesday afternoon and installed Wednesday morning.

"It was made entirely of old felt, which was of no use to us. The design was first drawn on cardboard and tacked over four layers of felt, the design being drawn the full length of the felt. After it was cut we sprayed the back of the felt with lacquer, which dries very quickly. In fifteen minutes it was dry enough to give it a bronze finish on the face of the design. The lacquer and bronze stiffened the material, thus keeping it from flopping."

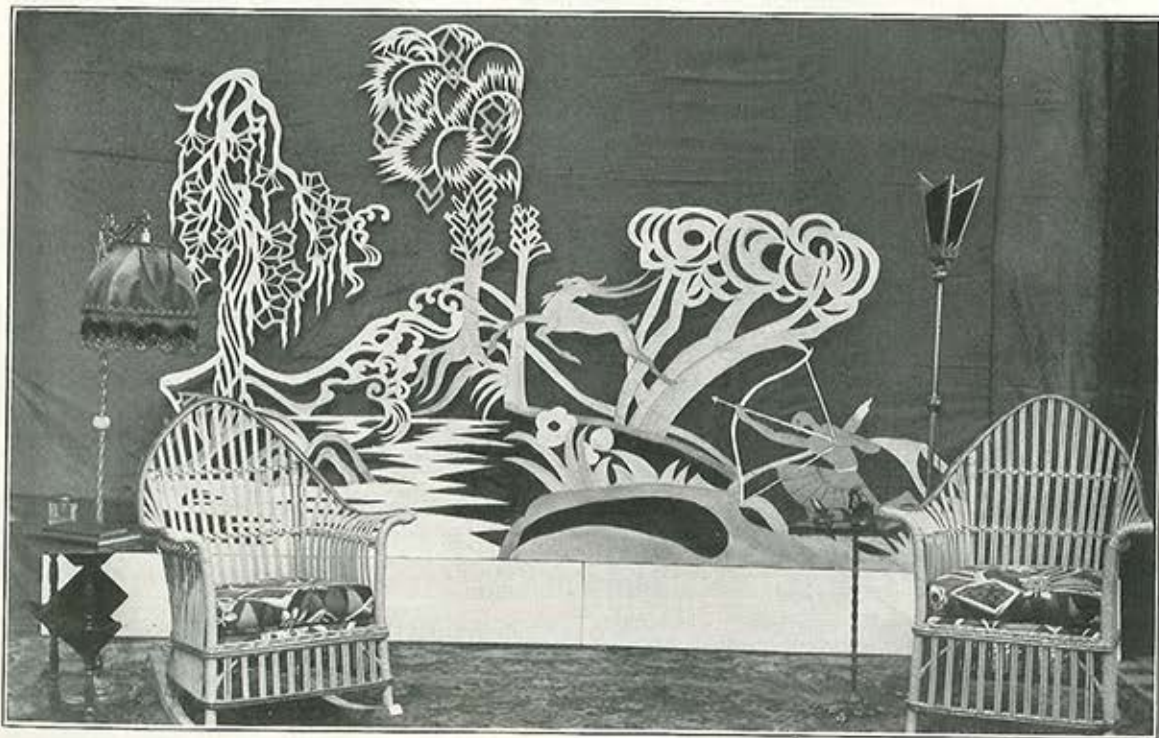
The Cutawl was used for cutting, of course. This illustrates its dependability for emergency use. Even complex designs are produced in an incredibly short space of time with the Cutawl.



Who could resist the temptation to Stop and Look when such a display greets the eye. The bride has a delightful "Cutawl setting," the design measuring 15 feet from tip to tip and 8½ feet in height. The 18 large openings in the design were filled with bouquets of spring flowers, all in wax.

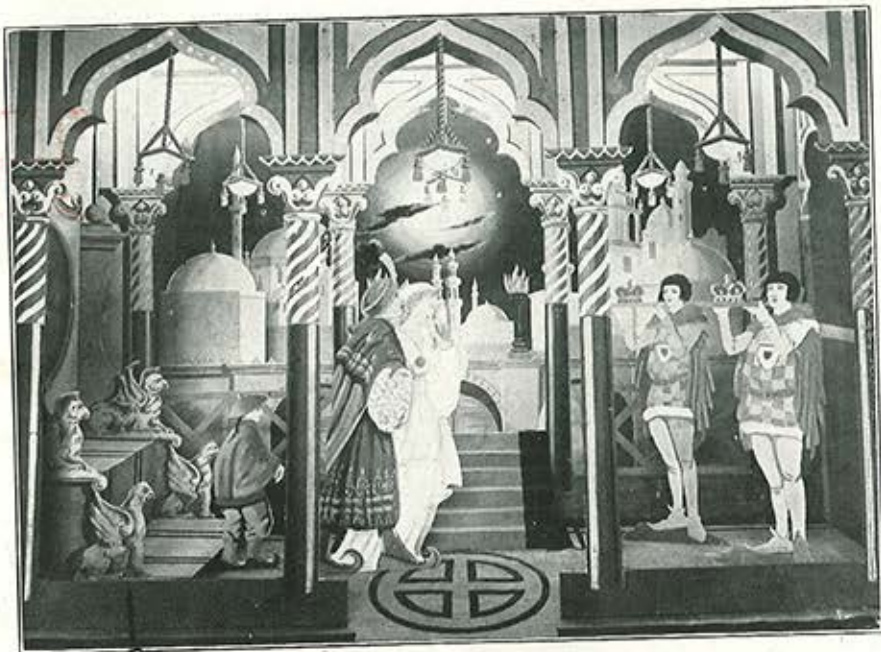
H. Wilbur Denius, Display Manager for L. L. Stearns & Sons of Williamsport, Pa., produced the display, and we quote as follows from his letter:

"The general effect was charming, the greater part of the completed display's beauty and attractiveness being achieved by the remarkable efficiency of the International Cutawl."



For securing effects that are decidedly unusual, anyone who is familiar with the Cutawl will say, "By all means use it." Here, for example, is a background in extreme modernistic art, presenting a landscape of mountains, water, trees, etc. Action is attained by the bow-and-arrow hunter seeking his quarry in the form of a mountain goat. Rudolph Colonna, Display Manager for the Sasso Department Store, of Hazleton, Pa., produced it, and says, "It shows that the Cutawl plays an important part in the modern art sphere."

INTERNATIONAL CUTAWL



"The Marriage of Aladdin"—a beautiful oriental setting. Each section occupies a space 10' x 7' x 8'—all cut out of 7' x 4' plyboard. They were cut in duplicate, thereby producing two sets at one operation. Each section is pin hinged and can be set up very quickly. The intricate work in each piece would have been impossible without the Cutawl."

"Jack and the Bean Stalk." Jack's mother moves her arms backward and forward, and the stalk to which Jack is attached is continually revolving, giving the impression that he is climbing. All of the pieces were cut in duplicate with the Cutawl. Material used was plyboard, 7' x 4', and battened with 2" x 1" batten.



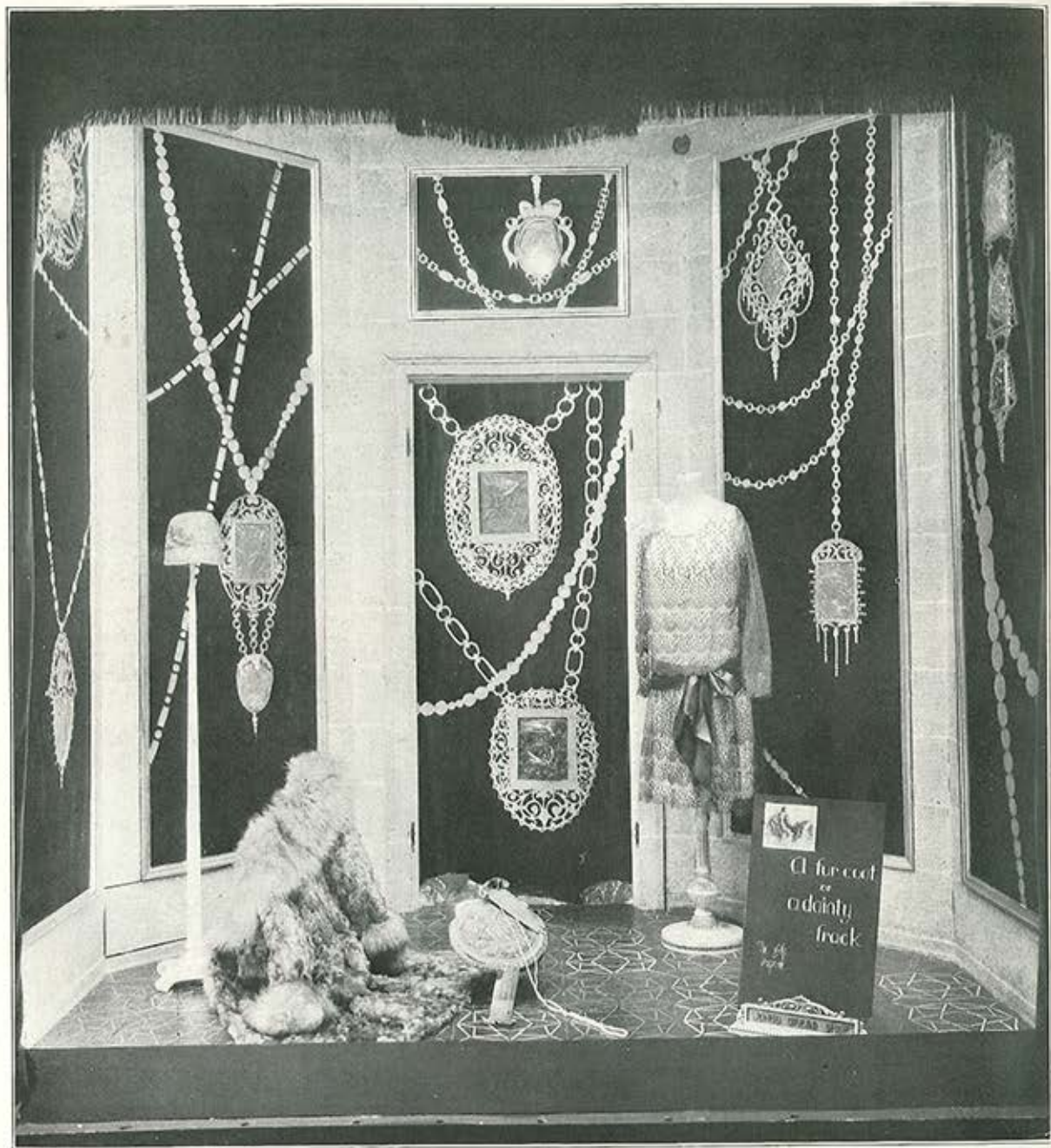
THE displays shown on this page, a revelation in skillful artistry, are the work of John Earl of Liverpool, England. In his letter Mr. Earl says that "the photographs hardly convey the amount of work contained in the sets; but they will give your customers some idea of the possibilities of the Cutawl, which has enabled me to cut my prices in half and yet make more than ever before."



To the admirers of beauty in far East Japan the Cutawl is bringing a new and most novel artistry in window designs. And the display men of that romantic country are as adept in their use of the Cutawl as they are alert to its almost unlimited possibilities. The window illustrated above was exhibited by the Matsuzakaya Department Store at the Exhibition held in Tokyo. The artistically designed panels were cut by the Cutawl.



Illustrating a window display made by C. H. Ward of Daniel Neal & Sons, London, England, which was awarded the London Evening News 100 Guinea Cup for the best display in the Empire Window Dressing Competition. Here, too, the Cutawl was put into service, playing a major role in the production of a background of captivating charm. Mr. Ward, one of the foremost display artists, writes: "I have had one of your Cutawl machines in daily use for sixteen months, and during this period have been enabled to produce a large number of displays, intricate and plain, many of which could not have been carried out with such an economy of time and expense without the aid of the Cutawl—an invaluable machine to the modern display man."

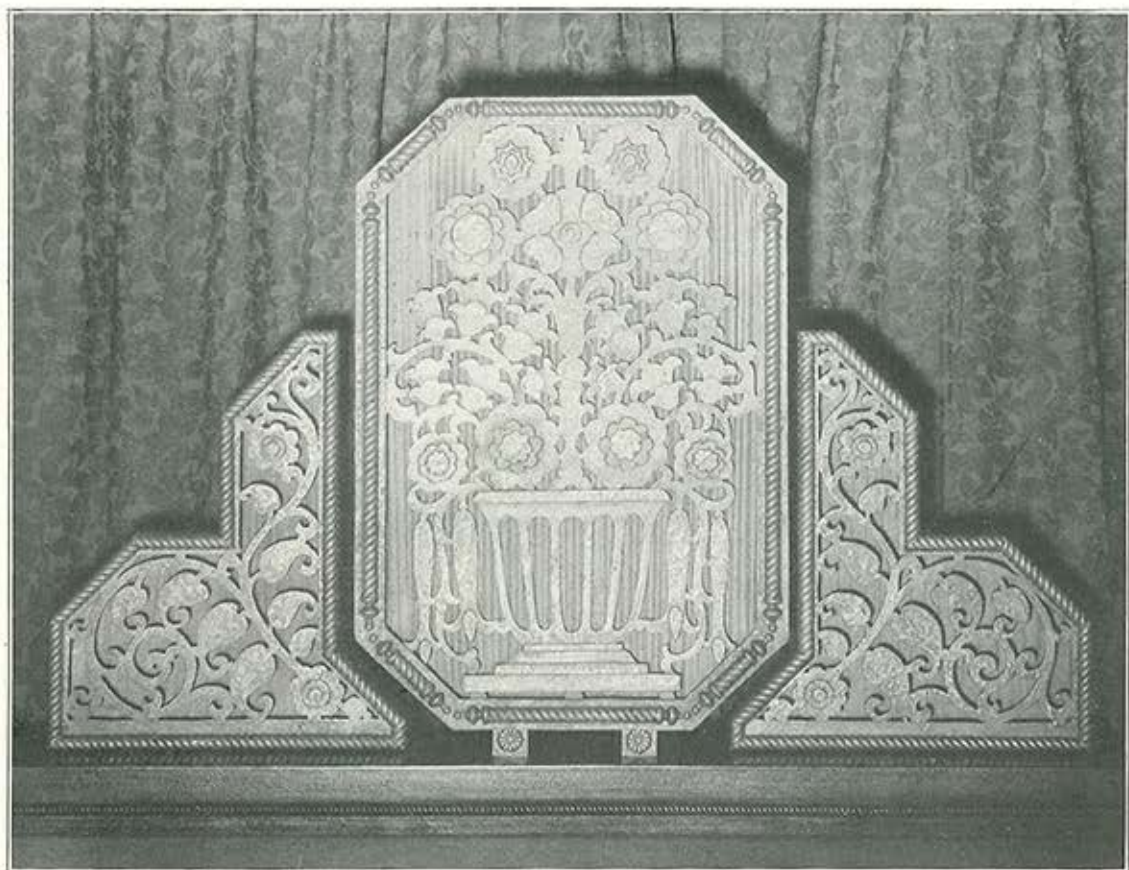


THIS very beautiful and most distinctive window design was made by Charles C. Vance, Display Manager for The Jones Shops, Fairmont, W. Va., who expresses the firm opinion that "the delicate tracery of the

work would have been impossible to achieve on anything except the Cutawl." Festoons, chains, jewel mountings and floor design were all cut from beaverboard and, except for the jewels, the window was entirely produced by the Cutawl.

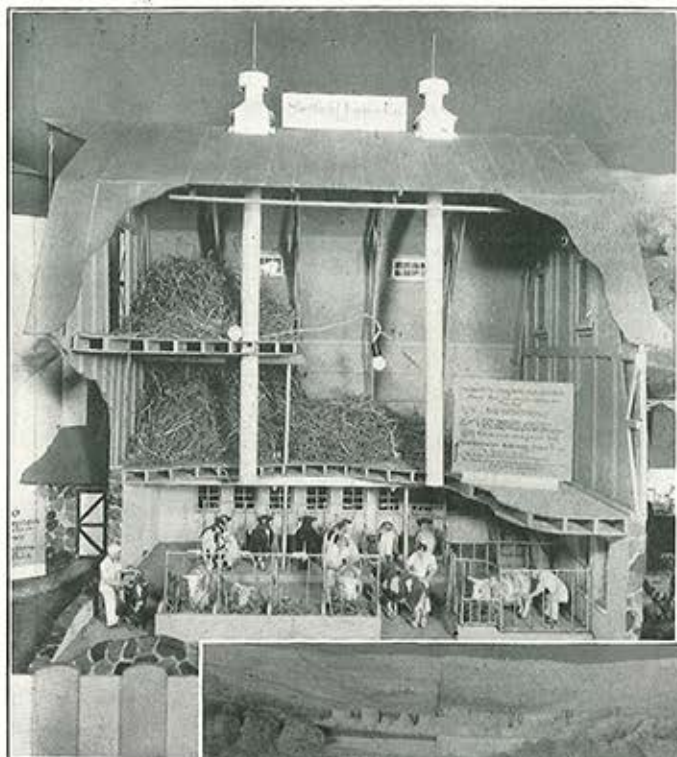
Some Unique Products of the Cutawl

Mr. Vance writes regarding his Cutawl: "The machine has been used to produce screens, panels, floor blocks, valances, ledge pieces, stencils, cornices, bases, flowers and beaverboard mannequin cutouts. Once, in a piece of direct-mail advertising we glued on one of the pages of the booklet a silhouette figure of a girl in a raincoat cut from the raincoat rubberized fabric. Thousands of these were sent out and without the aid of the Cutawl the idea would have been impossible. At another time we supplied blazers for a senior class of a university, cutting the monogram from felt with this handy machine."

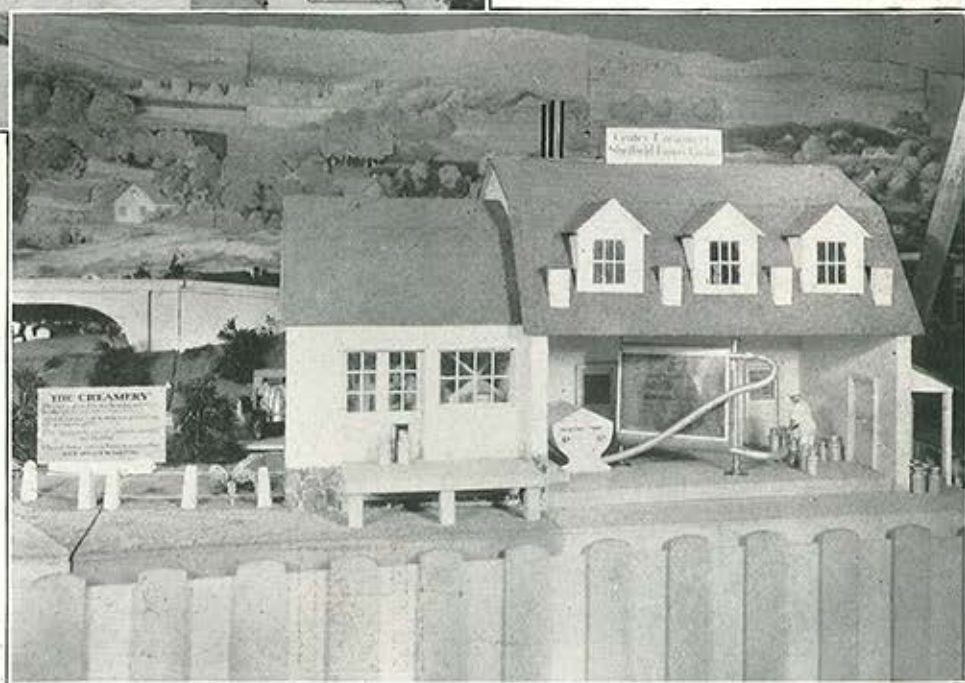


HERE we find two Cutawl designs, credit for which is to be given P. T. Blackburn, formerly of Hollywood, California, now located at Denver, Colorado. The screen, pictured above, suggests quality, and as a background would lend dignity and charm to any commodity.

To all appearances the gates, shown at the left, are of wrought iron—heavy, massive and enduring. But Mr. Blackburn would tell you, if you were to ask him, that he made them from two thicknesses of Upson Board.



Realism, in miniature form, is excellently expressed in this unusual exhibit. With the Cutawl such effects are possible, and the time necessary for producing them is reduced to a minimum. The Cutawl not only raises efficiency but also increases earning capacity.

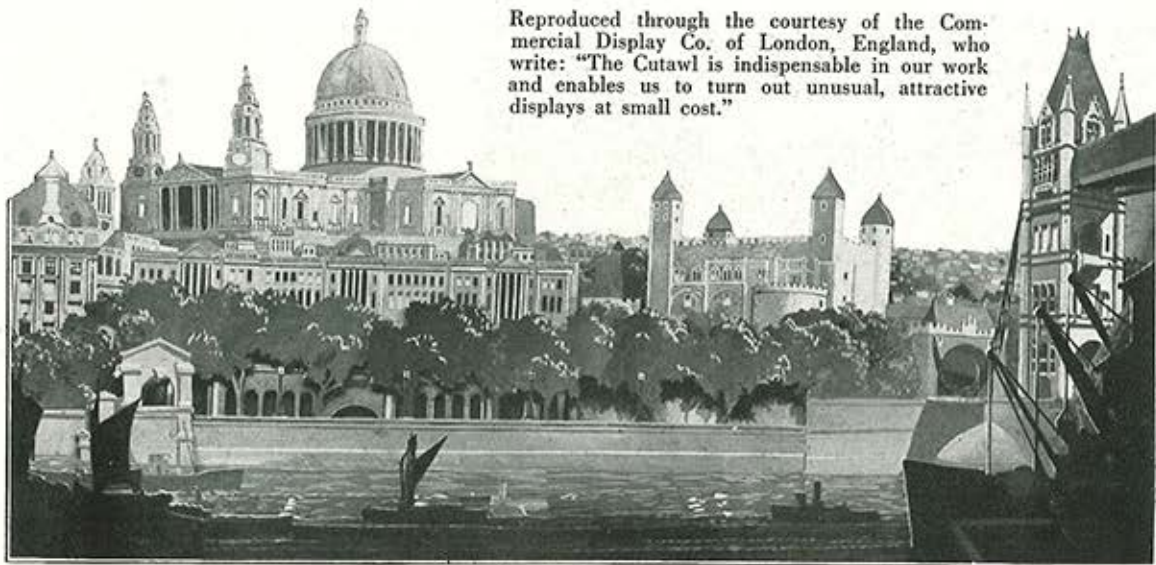


ONE of the outstanding features of the National Dairy Exhibit of the United Parents Exposition, held in New York, was the display of the Sheffield Farms Co., Inc., two sections of which are reproduced here. The entire display occupied 6,000 square feet of floor space, each section carrying the step-by-step story of milk from the modern farm to the ultimate consumer.

The skill of James R. Ray of New York was responsible for this masterpiece. He indicates the part Cutawl played in its production when he says:

"I wish to add another word of appreciation for the Cutawl, without which we could not have turned out this display the way we desired. It was certainly an indispensable aid and we will continue to use and recommend the Cutawl at every opportunity."

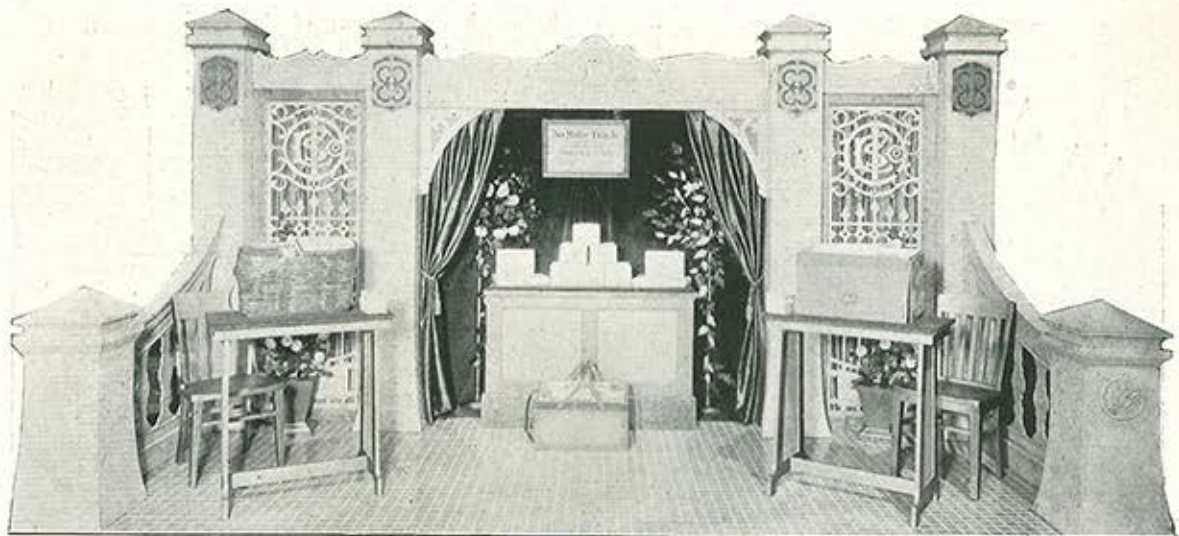
Reproduced through the courtesy of the Commercial Display Co. of London, England, who write: "The Cutawl is indispensable in our work and enables us to turn out unusual, attractive displays at small cost."



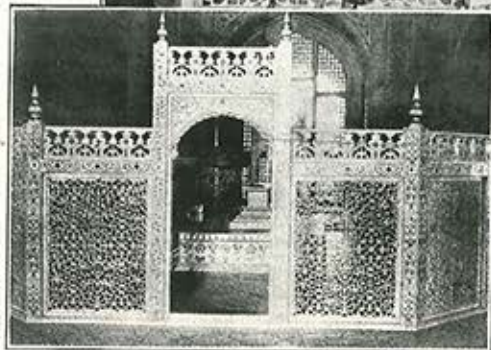
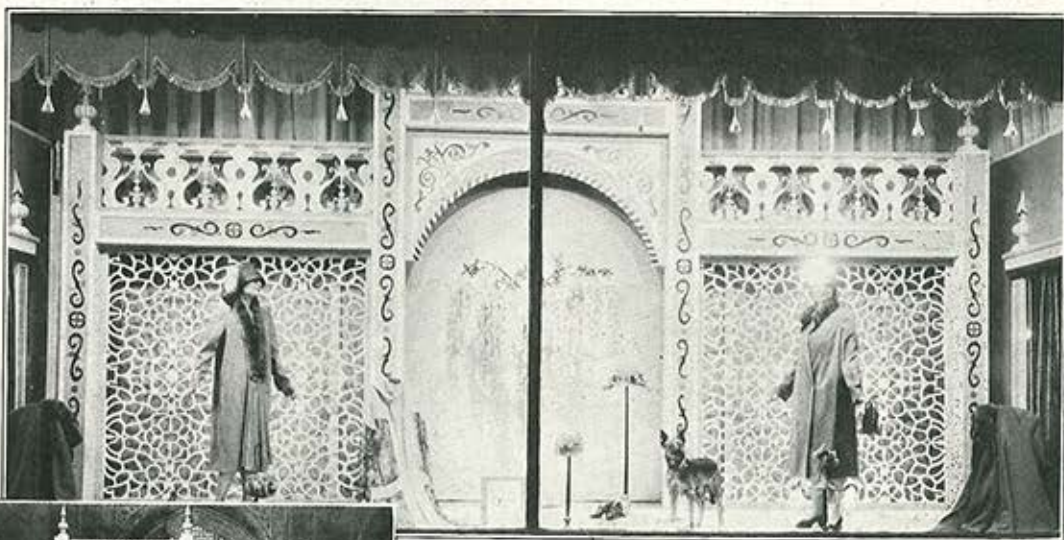
ANOTHER display from Over Seas, in the execution of which the Cutawl again demonstrated its ability for intricate and accurate cutting. The scene shows St. Paul's Cathedral, the Tower of London, the Thames and the Tower Bridge. It was housed in a case 8 ft. long and 7 ft. 6 in. high. The cutout scenery was set up in ten planes and all the chief buildings were cut out separately. The river was made of five successive planes, each rising a little above the other, giving a continuity of water, but leaving a gap for ships to pass along. The whole was painted to represent a night scene and lighted above with blue lights. Shielded lights were introduced at the back and out of sight, in such a manner as to give the glow of the city at night.



The facility of the Cutawl for producing masterful cutout effects in the theater is well known. Here is reproduced a stage setting, which is the work of C. S. Clary, Display Manager for La Salle & Koch Co., Toledo, Ohio. Surely the field of the display man is unlimited when to his own skill he adds the marvelous cutting ability of the Cutawl.

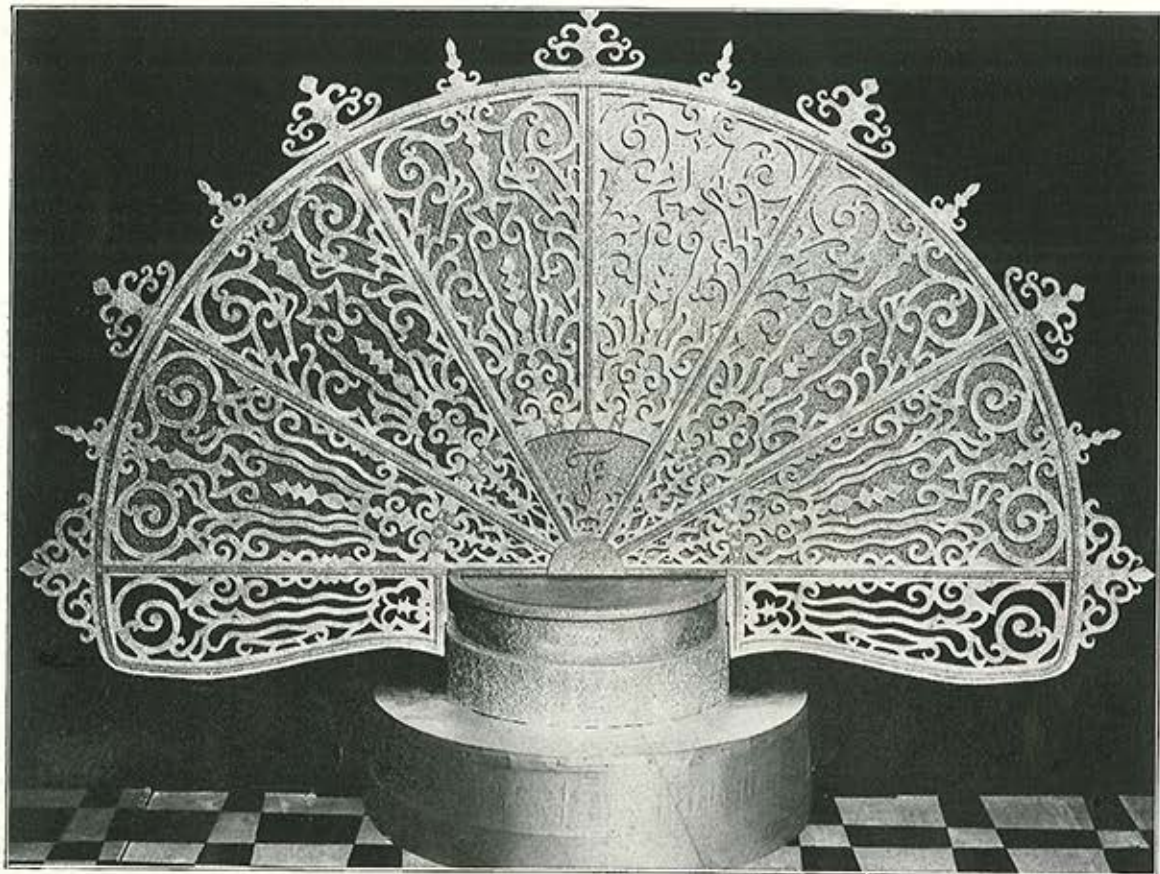


FOR securing artistic display booth effects the Cutawl has proven to be a most dependable tool, as evidenced by this booth of the Central Illinois Public Service Company, Springfield, Illinois. Note the dress-up quality provided by the scroll work, so quickly produced with the Cutawl. It is the work of M. A. Hysler, Display Manager.



In securing ideas for fascinating displays one may go far afield. Here, for instance, is reproduced a window background executed by A. S. Lemieux, Display Manager for the Bon Marche Dry Goods Co., Lowell, Mass. It represents a section of the Taj Mahal, in India, one of the world's wonders. Note the similarity in design and contour, the accurate reproduction of the delicate marble tracery. Says Mr.

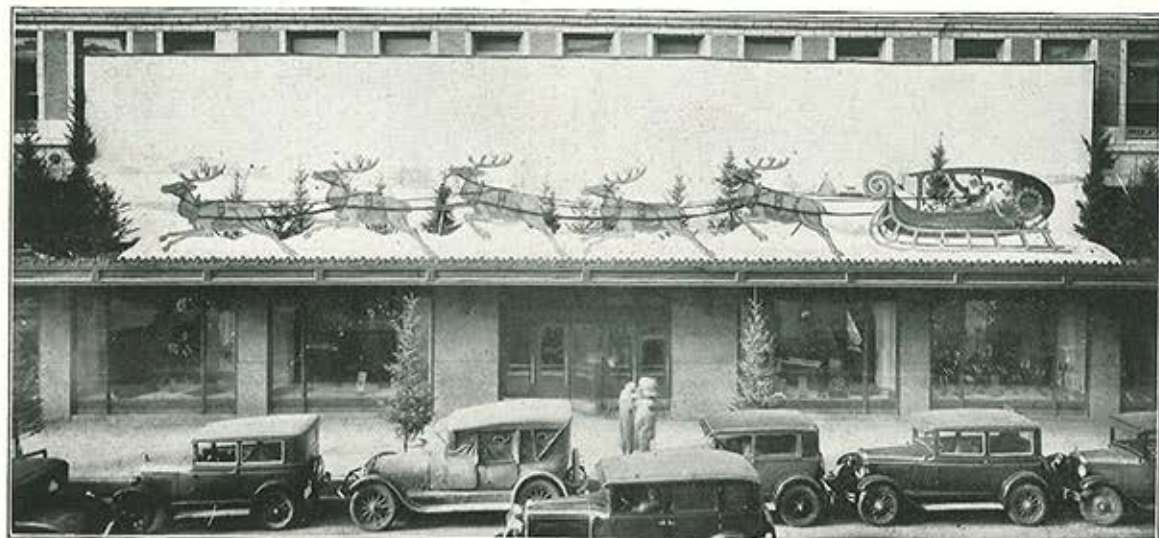
Lemieux: "All of the cutout work was done with the Cutawl in a very short time considering the amount of work in these windows. There is over 100 running feet of this background. It is made of wallboard . . . the screens on both sides are cut out of extra thick Cornell Board. These windows created a lot of comment in the newspapers in and around New England."



Lacy, delicate, inviting—a fitting background for the display of Florsheim shoes, for which it was made. This design is the product of S. M. Thompson, Seattle, Washington, who has this to say of the Cutawl: "Looking for something to do on the side, I decided to try your machine. I have been more than busy ever since I got it and have made as much money at night and on Sundays as the average man makes day times. I cannot say too much for the Cutawl and the way it works, on both wood and Pebco board." Incidentally, Mr. Thompson is also to be given credit for the design shown on the front cover of this booklet.



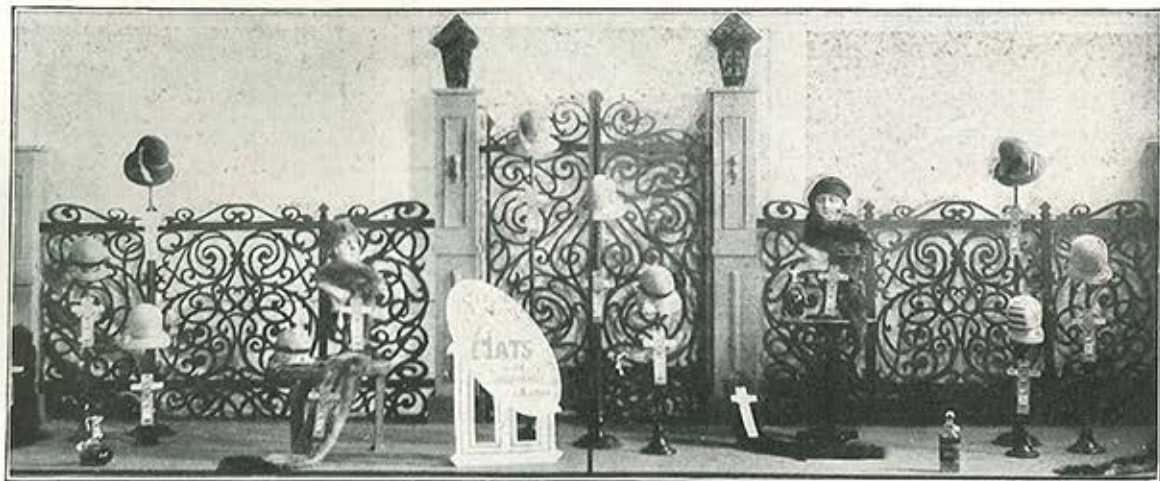
Into the Land of Make-Believe goes the Cutawl. Here you see a photographic reproduction of a view taken from the Pathe picture, "House Without a Key." The curved stair rail and balcony are "Cutawl productions"—the creation of P. T. Blackburn, formerly of Hollywood, now of Denver, Colorado. Mr. Blackburn writes, "Without the Cutawl such work as I have done in the past two years would have been impossible."



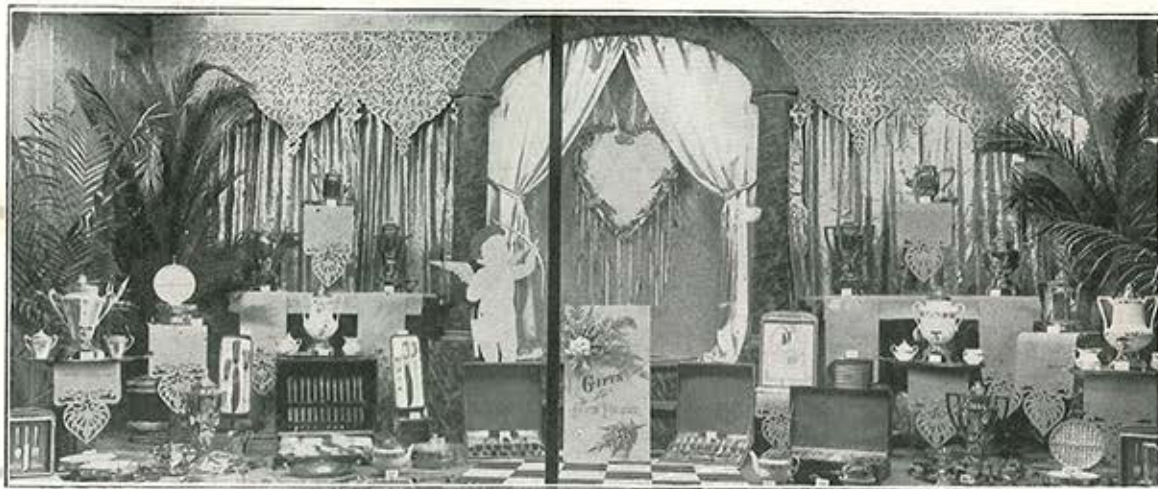
FOR outdoor displays as well as indoor, the Cutawl has clearly demonstrated its value. The photograph reproduced above illustrates a pre-Christmas display possessing an eye-appeal far above the ordinary. It was conceived and executed by C. C. McAlister, Modern Studios, Wichita, Kansas. With reference to the Cutawl Mr. McAlister expresses himself as follows: "I use it in many ways and make things I used to avoid making; it is a wonderful machine."



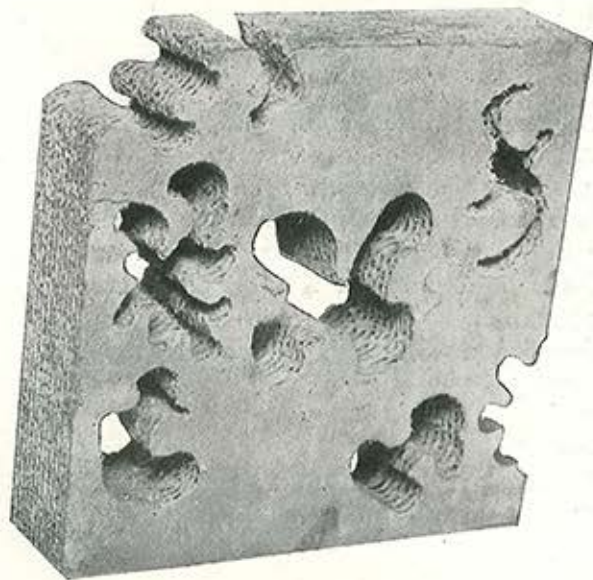
Still another use for the Cutawl is shown in this photograph, featuring decorative panels designed for use in the upper sections of the store front of the Dancer-Brogan Company, Lansing, Mich. J. S. Clark, Display Manager, writes that "the patterns and cutouts were all done in our own display department with the Cutawl. This particular display was made up in 42 sections, 7 feet high and 18 feet wide, making altogether about 1,000 feet, filling up a space which was always bare, yet not shutting out too much light." Mr. Clark also says, "I certainly stand ready to recommend the Cutawl at any time."



Even in far-off Australia the Cutawl plays a prominent part in the production of superb cutout effects. This one provides a background that is both smart and distinctive—most effective for displaying those creations so dear to the feminine heart. It is the work of Thos. J. Heaslip, Display Manager for McWhirters, The Valley, Brisbane, Queensland, Australia. With the Cutawl such designs, apparently so difficult, are easily executed.



An example of a window arrangement made more inviting by the use of the Cutawl. This window was featured by M. S. Young & Company, Allentown, Pa. The background on the right and left sides of the arch is made of green metallic curtains with a Cutawl border on each side. Irwin Gernert, Decorator, writes: "We wish you could see this splendid layout of colors and merchandise, which draws very much attention. The Cutawl machine was very busy in making this window and is the most wonderful time saver in making displays."



**Still another use for the Cutawl
Cutting corrugated asbestos insulation**

The above cut shows a sample of 3/8 inch thick insulating material made by the Johns-Manville Corporation. It is made up of layers of corrugated asbestos paper fastened together, hence is light and contains dead air spaces for insulating in addition to the qualities of the asbestos.

Due to the porous construction of this material in combination with the hardness of the mineral asbestos fibres, it is extremely difficult to cut. It is practically impossible to cut it with a knife without crushing, and if sawed, holes must be first cut in some manner before the saw can be inserted to cut islands.

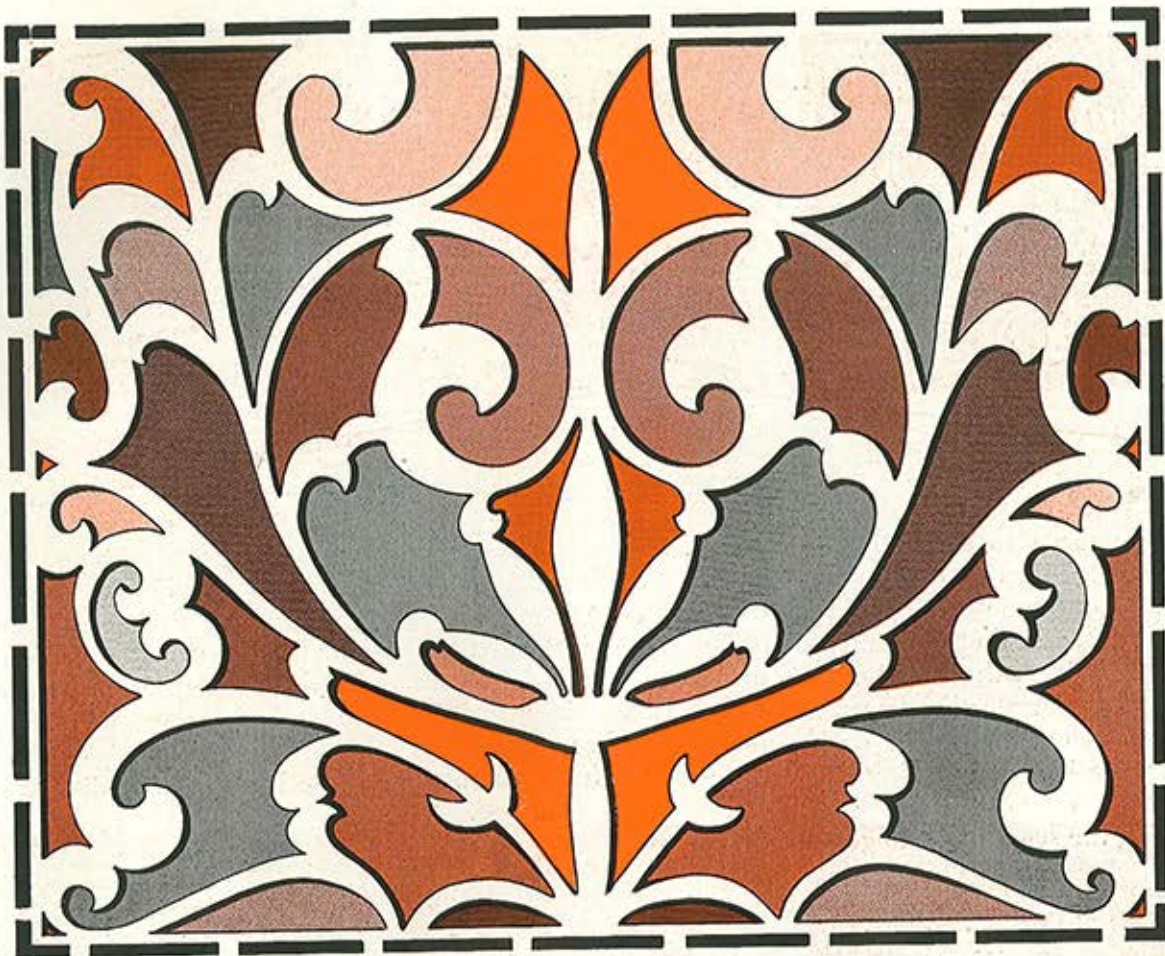
The scrolls and irregular shapes were cut in this sample with the Cutawl and show the possibilities of this machine on difficult jobs. In cutting these scrolls the Cutawl was used in connection with a saw table and a special saw 4 inches long with a chisel pointed end. To start cutting anywhere it was only necessary to force the chisel end of the saw through the work, turn on the switch and saw.

Incidentally, the Johns-Manville Corporation are also users of the Cutawl. They purchased one on trial—and kept it.

INTERNATIONAL CUTAWL



IT affords us great pleasure to illustrate on this page designs from the catalog of one of the largest manufacturers of high grade linoleum in the world. These designs, thirty inches square, are cut from two colors of linoleum, using the International Cutawl for accomplishing this work. With the completion of the cutting, the cutout portion of the one linoleum is fitted into the other, thereby providing a pleasing two-color design. Here again the Cutawl opens up a new field of endeavor, one that offers splendid possibilities to every Cutawl user.



CUTTING STENCILS for SANDBLASTING on Glass, Marble, Wood or Metal

Among the newer uses of the Cutawl is the cutting of stencils for sandblasting. Through the courtesy of the Sanitary Construction Co. of Chicago, makers of Sani Onyx, a Vitreous Marble, we reproduce the above, taken from marble slab 24 inches by 30 inches. The stencil was cut from rubber, placed on the Sani Onyx and submitted to the Sandblaster. Mr. Kernan, Secretary of the Sanitary Construction Company, writes:

"With reference to the Cutawl Machine you furnished us some time ago, we wish to advise that we are very much pleased with same—in fact, it has proven so satisfactory for our needs and filled our want that we have had for a number of years that we are very glad to recommend this machine to any of your future customers, who may desire to use this machine for the same purpose we are now using it for, namely, for the cutting of fancy rubber and zinc stencils for the sandblasting of the surface of glass; marble, wood, or metal.

For your information we are pleased to advise that the Cutawl not only cuts our stencils better than we ever had them before, but has also cut our cost for doing this work approximately 50%, which speaks for itself."

The Pacific Door & Sash Company of Los Angeles are using the Cutawl for cutting templates or stencils for sandblasting. They write:

"We are using the Cutawl in the cutting of stencils for sandblasting work. The chief material from which these patterns are made is three ply birch veneer stock, three-eighths of an inch in thickness. We also use quite a quantity of fibre for this work and in both instances we find the Cutawl does the work very cleanly, accurately and speedily. It is a great help and time saver."

The Frank Graves Sash, Door and Mill Co. of Los Angeles write:

"We are using the Cutawl to cut templates of all kinds from a flexible fibre for use in sandblasting work. We are having very good success with the Cutawl."

INTERNATIONAL CUTAWL



*International
Cutawl*



*International
Cutawl*

Two Designs with One Cutting

These two views serve to show the ease with which two complete signs or displays are made by the Cutawl by only one cutting of the design in two layers of wall board at the same time. The stroke is adjusted so that the chisel cuts through the top layer and penetrates the lower just deep enough to score an outline of the design on it. The core of the design, or lettering itself, is removed from the top layer and mounted on the lower layer using the score mark to give accurate

placement. This produces a raised design, or "relief" lettering (see right hand view).

The remaining part or outline design of the upper layer may now be backed up with a plain layer of board which produces a depressed lettering, identical in form and character with the other design. If two different colored boards are used in cutting, attractive two color displays are obtained.

Distinctive Features Which Make the Model K7 Cutawl Supreme In Its Field

1. PORTABLE

Wholly free and self-contained; slides easily over work on polished stainless steel base-plate.

2. LIGHT AND COMPACT

Utmost capacity of performance in minimum size machine; weight only 13 pounds.

3. UNLIMITED RANGE

Cuts in any plane—horizontal, vertical, or oblique.

4. POWERFUL

Single speed motor of increased power. Switch easily operated with one finger without removing hand from handle.

5. DEEP-CUTTING

Stroke adjustable from 1/4 inch to 3/4 inch.

6. ACCURATE CUTTING

Ball bearing swivel control enables operator to guide chisel accurately to line with two fingers while hands control operation of machine.

7. DUST-PROOF

All working parts enclosed, greatly reducing wear.

8. SELF-LUBRICATING

Oil-tight crankcase with ball bearings for main shaft.

9. QUICKLY ADJUSTABLE

All adjustments easily, quickly made without use of tools.

10. NON-SLIP BELT

Automatic Ball Bearing Tightener and cork pulley prevent belt slippage.

11. CONVERTIBLE FOR SAWING

By replacing chisel with saw, harder and thicker materials can be cut up to 1 inch in thickness.

12. ILLUMINATED CUTTING LINE

Adjustable electric light eliminates all shadows on cutting line.

C. W. MARWEDEL

76 First Street

San Francisco, California