

THE TRANSMITTER

Published Monthly by Controlled Companies of American District Telegraph Company
155 Sixth Ave., New York, N. Y.

VOLUME III

FEBRUARY, 1931

NUMBER 2

OBA Holdup Alarm System in Crete, Ill., Leads to the Capture of Two Bank Bandits

A. D. T. Frustrates Atlanta "Bad Men"

Prompt response by the A. D. T. scared away two burglars who had attacked the watchman of the Atlanta Laundries, Inc., Atlanta, Ga., on January 25, and prevented what would probably have been a considerable loss.

The watchman had failed to send in his 2:30 signal. The delay was instantly noted by the Central Office and, as the watchman had always been exceptionally prompt, two roundsmen were dispatched before the expiration of the grace period.

The watchman was found gagged and bound to a laundry machine. The intruders had been frightened away by the roundsmen, just as they were attempting to break into the safe.

A. D. T. service, and the judgment of the Central Office personnel in not waiting for the delayed signal, are alone responsible for saving the laundry from a serious loss of money, and for saving the watchman from possible injury or death at the hands of the culprits.



A. D. T. Proves Worth Just After Installation

A. D. T. is always ready—from the instant that it is installed. It was a rare coincidence that demonstrated this conclusively in Toledo, on December 31, when the Babcock Dairy Co. watchman met with an injury.

It was only twenty-four hours previous to the emergency that A. D. T. service had been installed in the company's plant. It was literally a case of locking the barn door just before the

System Defeats Attack on Bank That Had Been Held Up Before Installation

BOSTON ISSUE



This month the columns of **THE TRANSMITTER** are devoted largely to A. D. T. news concerning Boston and vicinity.

horse was stolen, rather than just after.

Needless to say, the Babcock Dairy was convinced of the necessity for A. D. T. service, and the efficient manner in which it is rendered. Their letter follows:

"It was rather a strange coincidence that on New Year's Eve of last year, the second night we had the A. D. T. service in our plant, that we should so soon realize the benefits from your protection.

Our watchman on this night tripped on the stairs and in falling injured himself, being unconscious from the fall for several hours. He was just making the rounds, and not completing same, your A. D. T. service immediately called to ascertain the reason. Within seven minutes from the time your office learned of the accident, we were informed of same. That we are benefited by this service goes without question."

The new Model OBA Holdup Alarm system, recently introduced by the A. D. T., demonstrated its reliability and exceptional value on February 6, when bandits attempted to holdup the Farmers State Bank of Crete, at Crete, Illinois. The system functioned perfectly and exactly as intended, with the result that the attack was completely frustrated and two of the bandits captured.

Twice within the last year the Farmers State Bank of Crete had been successfully attacked by bandits. It was finally decided to install a system of protection and after investigation of all existing systems, the Model OBA was considered the most desirable. The installation was made by the A. D. T. during the month of December and it was not long before an opportunity of proving its value was presented. The holdup occurred about a month later. The system met all expectations and brought forth enthusiastic praise and strong endorsement from the officials of the bank.

Three Remote Stations

As Crete is not within the limits of Central Station protection, private wire remote alarm stations were installed at three points outside of the bank. One of these was at the local police station and the other two were in mercantile establishments a short distance away from the bank. A vigilante squad composed of shopkeepers had been organized and equipped to respond to alarms.

The holdup occurred shortly after the bank had opened for business in the morning when two men entered and presented a twenty dollar bill with a re-

quest for change. As the cashier was busy, George W. Baker, President of the bank, stepped into the cage to serve the customer. Mr. Baker changed the bill into smaller currency and as he was turning away, one of the men asked for two half dollars in exchange for a dollar bill. As the President moved to comply with this request, the bandits drew their pistols and pointed them at both men.

Alarm Brings Aid

It was at this point that the Model OBA System demonstrated its particular value. As the President moved to obey the command of the bandits he operated the Model OBA Money Pad in the currency drawer, which caused an alarm to be silently transmitted to the remote stations. The cashier at about the same moment dropped behind his counter and obtained a pistol with which he opened fire on the robbers. This demoralized them, and they soon turned and fled from the bank. But as they reached the street they encountered the armed shopkeepers who had been warned by the silent alarm.

Two confederates of the robbers who had waited outside speeded away without waiting for their companions, who then dashed down the street and, after hiding in a ditch, were captured and taken into custody. Chief of Police Henry Clausen of Crete took the robbers to the Will County jail at Joliet. The prisoners identified themselves as Pasquale Passarella and Michael Cifelli of Chicago Heights, but refused to name their accomplices. They had left behind the dollar bill they had wanted changed.

Bank Endorses System

The President of the bank has written the A. D. T. as follows:

"In connection with the recent attempted holdup in our bank, at which time two of the bandits were captured, and are now in jail in Joliet, we wish to endorse your silent alarm system, which worked perfectly.

"Our past experience with bandits had made us realize the need of such a system at the time your Mr. Jacobson met with our Directors and demonstrated your silent alarm system of holdup protection, the early part of last November.

Many Communities in Boston Area Are Served by A. D. T. Organization

The A. D. T. operating department of Boston probably has the distinction of rendering service in more towns and municipalities than any other office in the country. Twelve other communities are served outside of Boston proper. These range in distance from two to thirty miles from the Central Office and include the following cities and towns: Brookline, Cambridge, Chelsea, Everett, Lowell, Lynn, Malden, Somerville, Waltham, Watertown, Weymouth and Woburn.

In spite of the extensive area covered, the organization is able to maintain the usual high standard of service by means of an adequate force of roundsmen working out of strategically located sub-stations with a fleet of cars at their disposal. This arrangement enables them to make prompt responses to all situations requiring investigation although it is not always easy, especially during the winter months when it is necessary to combat the severe weather for which New England is traditionally noted.

Boston enjoys another unique distinction in that it probably has less banditry, crime and racketeering than any other large city in the country. The high standard of Burglar Alarm service rendered by the A. D. T. is probably, in a large measure, responsible for this condition.

Although there are more than seven hundred Burglar Alarms in operation, comparatively few attacks are attempted

on A. D. T. protected premises and when they do occur the A. D. T. usually "gets its man." The A. D. T. has the confidence and complete cooperation of the police departments in Boston and in the other cities and towns where service is rendered and this cooperative spirit has succeeded in putting fear into the minds of the criminal element.

Many of the largest and most important manufacturing and commercial establishments in Boston and vicinity are among the several hundred subscribers to A. D. T. Watchman Supervisory, Manual Fire Alarm, Automatic Fire Alarm and Sprinkler Supervisory services. The first of these systems was sold and installed in 1904 by C. C. Johnson, now president of the A. D. T., who at that time was establishing the services in Boston and throughout the New England territory. Some of the first Sprinkler Supervisory installations in the country were installed in Boston.

Boston is the headquarters of the district superintendent, district plant superintendent and district commercial manager and is one of the company's largest bookkeeping centers. Although it is one of the oldest A. D. T. offices, it is most modernly equipped and on a par with all the large offices of the company. Considering the extent of the territory served and the volume of business handled, the Boston office is a most important unit in the A. D. T. organization.

"Our decision to install this system was to a considerable extent based on the representation made that the silent alarm would function and serve to call the town guards regardless of the conditions that might obtain at the time of the holdup. We further felt that it was wise to protect ourselves by installing the best system of holdup protection available and one that has passed the tests of the Underwriters' Laboratories and had been approved as standard. We understand that yours is the only electrical system of this kind that has been passed by the Underwriters.

"The system was purchased and installed during the month of December and proved its value on February 5th during the holdup we referred to above.

"The immediate operation of the silent alarm followed by the prompt response of the armed town guards was so effective that not only was no loss incurred, but we were also able to capture two of the bandits, as stated above.

"In this connection, we cannot help feeling that the more general use of this particular type of silent alarm system will not only lead to a high ratio of capture of bank bandits but will tend to greatly reduce this class of crime."

Jordan Marsh Fur Storage at Boston Is Fire and Burglar Proof Throughout

The new fur storage of the Jordan Marsh Company, of Boston, is one of the largest in New England and because of its extensive use of A. D. T. services, is one of the best protected in the country. The management has taken many unusual steps to provide assurance of safety with the result that the fur storage business of this well known department store has increased almost 45 per cent within the short period of two years.

possible damage by moths or by fire or theft. As soon as the coat is received it is carefully examined and its condition noted and recorded. This information is transferred to a policy which is the customer's receipt for his property and the company's guarantee.

Before any garment is placed in storage, it is thoroughly cleaned by compressed air to remove surface dust and moth eggs. A fur expert makes a thorough examination and advises the cus-

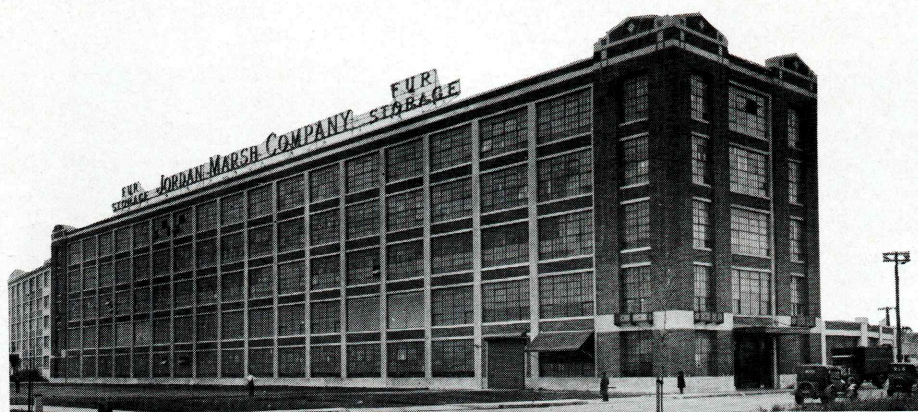
tomers of any necessary repairs which, if authorized, are made at once. All articles are numbered to correspond with the customers' policies, and are then placed in the vault in numerical order where they hang on racks until ready for delivery.

Extensive Protection Furnished

On account of the enormous values and because of the company's reputation for thoroughness, nothing has been left undone in so far as protection is concerned. The favorable experience of the management with A. D. T. service in their store building naturally led them to adopt the same type of protection for the fur storage and other departments of their service building.

A corps of guards is provided, some of whom are stationed at the entrances to the building while others patrol the various floors signaling the A. D. T. Central Office at regular intervals by means of the Watchman's Compulsory Tour system. These men, however, pro-

(Continued on page 8)



The fur storage vaults occupy the entire second floor of the Jordan Marsh service building which is situated on Memorial Drive, Cambridge, facing the Charles River. This location makes it particularly accessible to motorists, many of whom visit the building to deliver their furs personally and at the same time avail themselves of the opportunity to inspect this up-to-date plant.

Houses Five Vaults

There are five storage vaults in all, covering a floor area of approximately 20,000 square feet and having a capacity for 50,000 coats, valued at more than six million dollars. Ten miles of refrigerating pipes maintain the vaults at a constant temperature of approximately 32 degrees.

The fur storage season begins about April 15, and from then until July 15 a steady stream of coats and other fur garments flows into the warehouse. From the time the garment is placed in storage until it is delivered to the customer again, the most extraordinary precautions are taken to guard against



TOP—NEW SERVICE BUILDING OF THE JORDAN MARSH COMPANY IN WHICH THEIR FUR STORAGE IS LOCATED.

BOTTOM—A VIEW OF THE INTERIOR OF ONE OF THE FIVE LARGE FUR STORAGE VAULTS. NOTE THE A. D. T. BURGLAR ALARM SCREENING ON THE CEILING.



Left to right—top: John Hancock Building—N.W.F.A.-B.A.
 Statler Hotel and Building—N.W.F.A.
 Boston Consolidated Gas Building—N.W.T. and F.A.
 Park Square Building—N.W. Tour and F.A.
 United Shoe Machinery Building—N. W. Tour, Fire Alarm;
 Emergency Police call boxes (115 units).

Center: Salada Tea B
 National Shawmut
 Stone & Webster
 Chamber of Comm
 Bottom: Public Servi
 A corner of the



Building—N. W. Tour P.A.
Bank Building—N.W.F.A.
Building—N.W.F.A.
erice Building.
ce Building—N.W. Tour.
operating room.

General View of the Business Office
Seventy-five Federal Street Building—
N.W.F.A.—Hayden Stone & Co. premises.
N.W.Tour F.A. Emergency; 3 laced vaults, 3 Phonet vaults;
Daylight holdup system—Second National Bank premises.

VOL. III FEBRUARY, 1931 No. 2

A monthly magazine published by the Controlled Companies of the American District Telegraph Company, 155 Sixth Ave., New York, N. Y.

R. K. HYDE.....Editor

The columns of THE TRANSMITTER are open to all A. D. T. employees, and the articles printed are the individual opinions of the authors.

MEETING A NEW BANK EMERGENCY

The underworld has developed a new species of crook in the person of the bank bandit. He is a menace, not only to property, but to human life as well, and his activities have been so widespread and daring that the average bank employee can justly feel apprehensive of his life, unless precautions have been taken to meet any emergency that the bandit might create.

It was not so long ago that bankers throughout the country were aroused by the activities of the expert "peterman," who, by the use of explosives, forced his way into safes and vaults, in most cases escaping with thousands of dollars in loot.

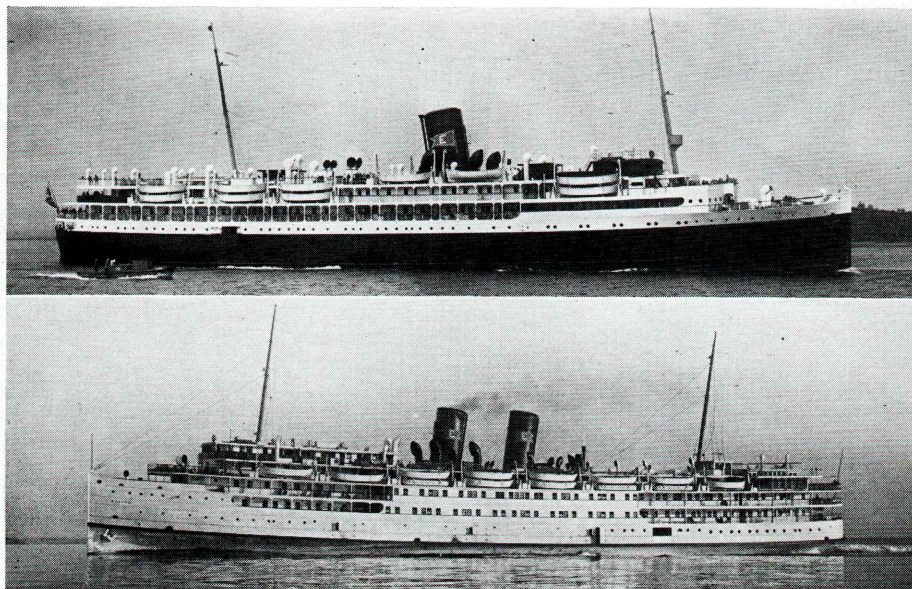
Within a relatively short period of time, inventive genius had devised efficient means of dealing with this type of vandal, and soon the "peterman" was as unknown as the dodo bird. Improved electrical protection systems were responsible.

Today, the "peterman's" successor is very dangerous. He can strike with the speed of lightning, the very rapidity of the attack tending to paralyze the bank employees with fear. The increasing frequency and the growing seriousness of this type of attack has made it necessary to install tried and tested electrical protection equipment in the form of holdup alarm systems.

Virtually every bank is equipped with some form of accepted vault protection, but only a few have adequate means of summoning immediate assistance in the event of daylight holdups. The audible alarm system, making use of an alarm bell or siren, has not proved completely successful, since it does not provide an organized response.

Systems of the silent type have proved their value, however, and aid and assistance has appeared, often before the bandits have had time to carry out their plans. This issue of THE TRANSMITTER describes a typical case, and in many

Heave Ho, My Lads—We Trust in A. D. T.



The A. D. T. goes to sea—on the boats of the Eastern Steamship Company. The value of adequate protection service on boats is obvious. There are many hazards, both while the boat is at sea and when it is tied up at the dock.

The A. D. T. now renders service on the following ships of the Eastern Steamship Company plying between Boston and New York and Boston and Yarmouth:

S. S. Boston
S. S. New York

S. S. Evangeline
S. S. Yarmouth

The A. D. T. service, which is a regular Nightwatch Tour system, is so installed that it is possible to operate it as a local system while at sea. It is a standard installation, with a marine jack that can be plugged in for Central Station operation while the boat is docked. When at sea the method of operation includes a punch register in the engineer's headquarters.

A number of lake and river boats are similarly protected and it is entirely feasible to extend this type of marine service to Trans-Atlantic liners.

other cases the silent type of alarm has led to the capture of the bandits, either at the time of the holdup or shortly after, because of positive identification, and the quick pursuit by vigilantes.

More silent alarm systems will mean fewer bandits.



New Bankers' Electric Booklet Is Published

Production has just been completed for the Bankers' Electric Protective Association of a handsome brochure entitled "Still Better Vault Protection" and copies are now being distributed.

The brochure is designed to explain the operation of the Bankers' Electric Protection Association local vault alarms of the embedded cable and the sound detection types, and to portray their advantages and superiorities to officers of banks and others interested in protecting bank vaults from burglary.

It traces the history of the Bankers' Electric Protective Association, its successful record of more than 25 years service, and describes the "Still Better Vault Protection" now rendered through its affiliation with the American District Telegraph Company.

Particularly impressive is the two-page spread of photographs of a few of the thousands of banks protected by the two organizations, ranging from such important institutions as the United States Treasury and thirty-two Federal Reserve Banks, down to the smallest country banks.

Another feature is the specifications that have been provided for the use of architects.

It is believed that this beautifully printed brochure, with its wealth of logically arranged information and profusion of illustrations, will prove to be a highly effective piece of sales literature.

New Western Union Headquarters Building Is Now Nearing Completion in Boston

One of the finest telegraph buildings in the United States is now nearing completion at the northeast corner of Congress and High Streets, Boston, in keeping with the place of this city as one of the most important as a telegraph and cable center.

Officials of the Western Union Telegraph Company, in planning the structure for the future, have kept in mind the strategic position of Boston and its importance as the commercial capital of industrial New England. The twelve-story Western Union headquarters will represent the finest in construction and also will house the most modern and complete equipment for rapid and efficient communications service.

A. D. T. Throughout

A. D. T. protection services will be utilized throughout, in keeping with the quality services and appointments of the structure. "Nothing but the best is good enough." The equipment will consist of twenty Watchmen's Compulsory Tour units, thirteen Manual Fire Alarm boxes and a Local Gong system, including six gongs, control panel, test box and drill key. The fire alarm station in the lobby will be a special No. 35 box in bronze finish to match the other bronze work in the building.

An unusual feature of the structure will be its color. In contrast to the usual drab and dull color of buildings, the telegraph building will be resplendent in color, beginning with dark red brick at the ground and gradually getting lighter until the upper story will be a light orange color. This coloring will be similar to that of the new Western Union headquarters building that is a landmark in New York City.

A Veritable Nerve Center

Boston has forty-six branch offices at the present time, linked by underground pneumatic tubes, Simplex automatic telegraph typewriters, or other lines to the local headquarters. The connections of these offices will all be "cut over" to the new headquarters on completion of the building in about one year.

Time of handling telegrams at headquarters, already at great speed, will be reduced even more split seconds when four great 100-wire concentration units, an invention recently perfected by Western Union engineers, will be placed in operation in the new building. There are two such units in operation in Boston now. This system gives immediate handling on direct wires between the offices of large telegraph users and headquarters. These lines connect Simplex

accounting and other departments, and executive offices.

Twelve Hundred Employees

The commercial office, with which the general public will be familiar rather than with the maze of apparatus behind the scenes, will occupy the space on either side of the corner entrance of the building. Other space on the first floor in addition to some upper floors will be available for store and office purposes. While the building will house the Western Union headquarters staff of 1200, only the few in the commercial office will be in public view.

In the basement will be elaborate power reserves, to insure continuous service if the city electric power should fail, and such essentials as tube and cable vaults and the engine room.

Part of Improvement Program

The Boston project is part of a program of improvements Western Union is carrying out this year at a cost of \$45,000,000, and is one of the largest items in the year's building plans of the company.



printers at the customers' offices and telegraph headquarters. A newly-developed, mechanical conveyor system, to carry messages rapidly from point to point within the building, also will be installed.

The upper four floors of the building will be devoted to operation of the great wire network center, including the 100-wire units, sound-proof telephone rooms for receipt of telegrams from home, office and coin-box telephones, connections with all branch offices, direct trunk lines to eighty-five cities, long distance and short distance telegraph lines to points all over the United States, and other lines and equipment.

On the eighth floor will be the big switchboard controlling the network of wires on the four floors above, where testing and regulating experts insure continuous service by their work. Other floors will contain lunch and rest rooms,



CENTER—ARCHITECT'S SKETCH OF NEW WESTERN UNION BUILDING AT BOSTON.

ABOVE—A RECENT PHOTOGRAPH OF THE BUILDING NOW NEARING COMPLETION.



LEWIS WHARF, COMMERCIAL WHARF AND LONG WHARF, HISTORIC LANDMARKS OF THE BOSTON WATERFRONT, ARE LOCATED NEAR THE SCENE OF THE BOSTON TEA PARTY. MANY OF THE BUILDINGS ARE GENUINE ANTIQUES BUT ARE STILL OF COMMERCIAL VALUE, BEING USED AS STORAGE WAREHOUSES AND FOR GENERAL BUSINESS PURPOSES.



THESE WHARVES WERE AMONG THE FIRST PROPERTIES IN BOSTON TO BE A. D. T. PROTECTED. A. D. T. NIGHT WATCHMAN SUPERVISION AND FIRE ALARM SERVICE HAS BEEN IN USE CONTINUOUSLY UP TO THE PRESENT TIME. F. MORTON SMITH, MANAGING DIRECTOR, IS AN ENTHUSIASTIC A. D. T. BOOSTER.

JORDAN MARSH

(Continued from page 3)

vide only the first line of defense. Each vault is completely protected by an A. D. T. Central Station Burglar Alarm system, which guards all doors, the walls and the ceiling and floor. It is impossible to enter the vaults in any way without transmitting an alarm to the A. D. T. Central Office. By means of a special private wire connection to the Cambridge police, it can be arranged to have the building completely surrounded within a few minutes after the receipt of an alarm. The floor protection consists of lead cable embedded in the concrete, and the walls and ceiling are covered with a network of fine wires set in wooden screens. The doors are protected by contacts and screens.

The Burglar Alarm protection has also been applied to the entrance doors of the building and to the cleaning room which is adjacent to the vaults. The latter is completely protected, including all walls, ceilings, windows and doors. In addition to the Burglar Alarm system, Holdup Alarm stations have been placed at strategic points throughout the fur storage so that immediate assistance can be obtained in case of holdup or any other emergency. These are arranged to signal the A. D. T. Central Office and the Cambridge police. To protect the watchman against holdup, emergency

call boxes have been installed throughout the building.

Fire Protection Also

Although the building is of fire-resistant construction, the same detailed precautions have been taken to guard against fire as have been taken to protect against burglary. A. D. T. Fire Alarm boxes have been installed throughout the building so that the Fire Department can be summoned from any floor without loss of time. The building is also completely equipped with an automatic Sprinkler System which is supervised by

means of A. D. T. Central Station Sprinkler Supervisory service and in the event of water flow, the Cambridge Fire Department would be on scene within a few minutes. The supervision is complete and includes all gate valves and other elements of the Sprinkler System.

The up-to-date facilities and completeness of the protection, together with the systematic methods used, have placed the Jordan Marsh fur storage warehouse among the foremost in the country, and it will undoubtedly serve as a model for organizations elsewhere who contemplate providing similar facilities.

Capture Club Commences 1931 Season With Enrollment of Twenty-one Members

The Capture Club starts its new enrollment with a total of sixteen captures and twenty-one members. Chicago, as usual, leads with the capture of eight burglars, which is one-half of the total number for the entire country. Cleveland, runner up last year, failed to score, and it looks as though most of the burglarious minded have traveled westward.

The Club will be continued during the present year and, as in 1930, all captures recorded in THE TRANSMITTER. We are off to a good start so let's continue the good work and make it a bad year for the burglars and a good one for the A. D. T.

Subscriber	Roundsmen	Number of Captures
Midland Iron & Metal Dealers, Chicago.	F. Peterson, A. Krzyzak	2
Phil Gross, Detroit	A. Neron	1
Ideal Loan Co., Cincinnati	J. Huesing, P. J. Meehan	2
David P. Ehrlich Co., Boston	W. H. Ross, T. Pearce	1
Bobroff Iron & Steel Co., Canton	H. J. Shock, F. Wolfe	2
Kal Kalish, Chicago	H. L. Aspaas, J. Baumann	2
Chas. Hayes, Chicago (E)	A. Winkler, J. Ebertsch	2
Marks Bros. Jewelers, Inc., Chicago	F. Peterson	1
Caesar Misch, Inc., Bridgeport	S. Herman, J. P. McLean	1
Bach Fur Co., Chicago (M)	S. Pozorski, D. H. Harris, R. D. Hall	1
Geo. L. Weber Jewelry Co., St. Louis	H. P. Frank, R. R. Hopkins	1
TOTAL		16