



Claude Desjardins, Arbo Service Ltd., Laval, Quebec, served as coordinator for the annual meeting.

Propagator at the Morton Arboretum.

At the business session, F. L. Dinsmore, Dinsmore Tree Service Company, St. Louis, Mo., was elected vice-president. President-elect, succeeding Kimmel is H. M. Van Wormer, Van Wormer Tree Service, Inc., Richmond, Va.

A tragedy at the Conference was the sudden death of Stanley R. McLane of Kansas City, Mo. He had

travelled to the Conference for the express purpose of receiving an honorary life membership award. He died Wednesday afternoon, prior to the Thursday banquet award ceremonies.

McLane had been head of the J. C. Nichols nursery and landscape department at Kansas City. He supervised the planning and planting of many of Kansas City's parkways and parks, street entrances, and the formal gardens for the Country Club District residential areas of the City. He was a 25-year member of the ISTC.

Also named for honorary life memberships were John G. Michalko, Gates Mills, Ohio, and Ira F. Wickes, Suffern, N. Y. Outgoing ISTC President Jack A. Kimmel, Toronto, Ontario, Canada, was accorded this honor, which is a Conference custom. Michalko served the Cleveland, Ohio, horticultural division for 38 years, the last 11 as commissioner. He has received many honors through the years but is probably best known for the extensive tree planting and beautification program he instigated for Cleveland.

Wickes joined the ISTC in 1935. During his career as a commercial

arborist, he promoted the industry and established an enviable reputation for his business standards and code of business ethics. He trained many arborists who are in the field today.

Director of Canada's National Capital Commission, Ottawa, Ontario, James A. White, related the program of the Commission and how it has established a massive greenbelt area and park system in the Ottawa and Hull municipal areas.

Modern planning of the current Commission program began with Prime Minister Mackenzie King in 1937 when he asked internationally known Jacques Greber of France to produce a master plan for development of Canada's capital. World War II interfered, but work got underway by 1951.

Keys to the plan was development of a greenbelt about the city of Ottawa; the relocation of railway lines and marshalling yards; the extension of the park system and green spaces throughout the urban area; and the decentralization of government office complexes. Since, plans have been put into operation and updated as needed. White said the Commission never

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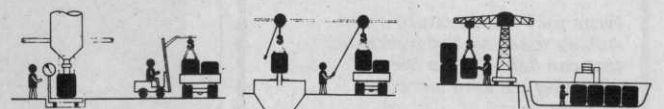
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Bob Monsma, Vermeer, Manufacturing Company, Pella, Ia., left, and Bruce Fyfe, Allan Fyfe Equipment, Toronto, Quebec, Canada, discuss program with Conference host, Yves Desmarais, center, who served as general chairman.

lost sight of the importance of trees in the overall program.

Among improvements, White pointed to the 4-acre Garden of the Provinces, just more than a block from Parliament Hill. He said the Commission also owned another 26 such parks. Another phase of the program concerns 35 miles of parkways, all dependent on well kept trees plus the greenbelt. Thirty additional miles of parkways are planned.

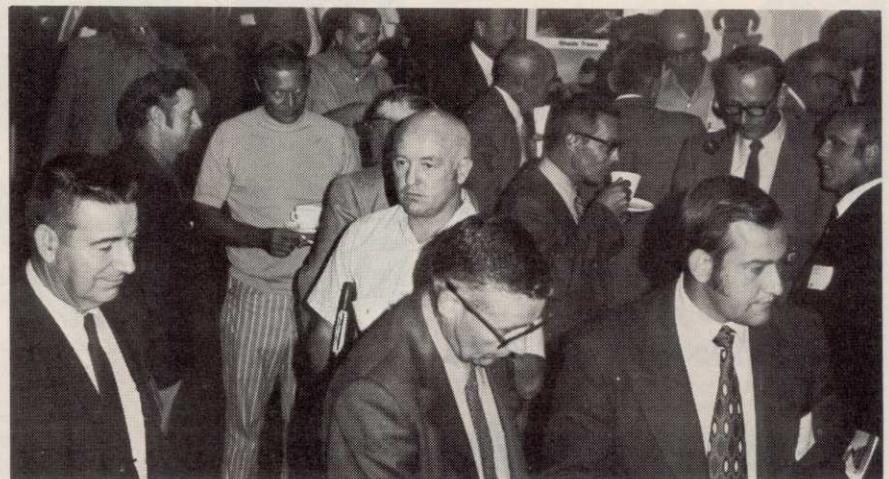
Relocation of railways and marshalling yards were probably the greatest factors, he stated, in release of land for parks, parkways, expressways, and open spaces in the center of the Capital region. This relocation program removed 77 level crossings and 35 miles of track within the area. It also released 251 acres of land for park and parkway development plus areas for a limited access expressway.

Decentralizing of government of-

fice buildings improved traffic flow, White said. It also provided more pleasant working conditions for civil employees.

Largest single development, White continued, is Gatineau Park, comprising 80,000 acres of hilly woodland. This land has been purchased and is now being developed for the public. The Greenbelt itself is a 41,000-acre area. It forms a ribbon of farm land and wooded sections at an average depth of 2½ miles along the sides of Ottawa not bounded by the Ottawa River. It was purchased, White said, to prevent the sprawling development of a city beyond the economic limits of sewage, water, and other administrative problems. This Greenbelt, White pointed out, is heavily populated with elms. These have undergone an intensive DED preventive program. Now that DDT can no longer be used, White said methoxychlor is being used. Applications have been made by helicopter, hydraulic sprayers, and

Coffee breaks were scheduled in exhibit hall. At far left is Frank Charter, Charter Tree Service, West Acton, Mass.



a mist blower. Every effort, White indicated, will be made to save this elm population. That the Commission has been successful is the fact that in some areas, DED tree loss has been kept to 3- to 4% of the elm population.

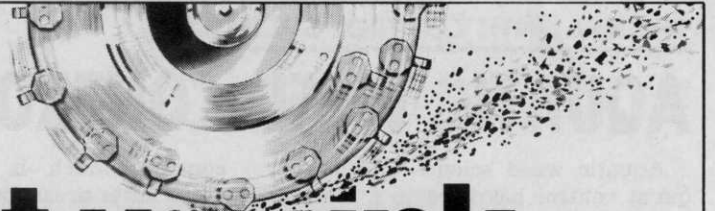
John W. Mixon, metro forester, Georgia Forestry Commission, Atlanta, discussed a new program in that state known as urban or metro forestry. Started in 1967, the program now includes five foresters assigned to work with homeowners and others in the 7-county areas of metropolitan Atlanta. Nixon said the group assists landowners with forestry and shade tree problems. He pointed out that Metro foresters diagnose problems for homeowners but do no treatment. Such is left for the homeowner or private tree company.

Mixon said the Atlanta group of state employees cooperate with the Better Business Bureau in checking complaints from homeowners who have been victimized by fly-by-night, unskilled and non-professional people who pose as arborists or tree surgeons. They also work to make the public aware of fraudulent practices. He reported that metro areas such as Atlanta include terrain heavily populated with trees. He said that metropolitan Atlanta includes 861,000 acres which could be classified as forest land. This accounts for 61% of the total land area.

A veteran of 42 years in the industry, George W. Goodall, Goodall Tree Expert Co., Portland, Me., discussed the recent popularity of arboriculture among young men seeking careers. He pointed out the growing demand for the technical arboriculturist to handle new business among home owners, industry, and the ever newly developing shopping centers. These young people, he said, value clean air and the environment which goes with it, along with the good life. But, Goodall warned, "during the next 10 years, or even less, this sense of values may be bitterly contested by our young men, as they seek to find the utopian course between preserving our matchless environment and achieving their economic ambition."

He pointed out that during his many years of tree specialization, the tree care company operator has progressed immeasurably from the earlier concept as a "patent medicine man." Today, he said, the tree care company must develop a business to successfully serve customers

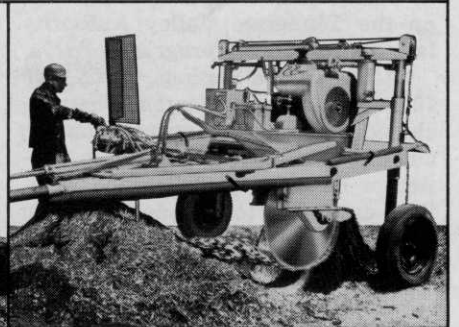
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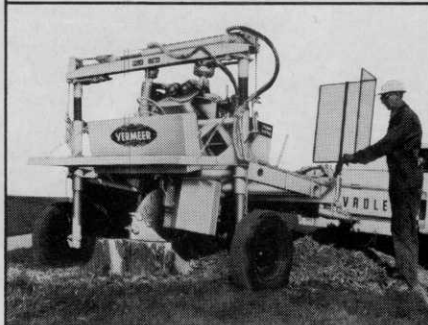
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AQUATIC WEED CONTROL REPORT

Aquatic weed science and subsequent control has become a mature industry. Long a universal problem, though often not recognized as such, it has been getting more attention in recent years.

A good example is the 11th annual meeting of the Hyacinth Control Society, composed of a group of scientists and aquatic weed specialists dedicated to control of all noxious aquatic weeds.

The group, representing several foreign countries and almost half the states of the union, but mostly from southeastern section of the country, met four days last month at Tampa, Fla., with a registration of 180. Last year's session was held at Huntsville, Ala., with emphasis on the Tennessee Valley Authority lake weed control programs.

At the Tampa sessions, more than 70 papers were presented. They included much on chemical control, and the use of chemicals with limited or no toxicity to fish and wildlife, and also to people. More in evidence at the '71 session were papers on mechanical and biological

controls. Much is being done in these latter areas, but practical solutions at this time are far from adequate to do the control job.

President of the Society, Stanley Abramson, in opening the yearly conference said that the theme for this '71 session—Environmental Management for Mankind—was especially appropos in light of the fact that the nation has become acutely conscious of the environment, and that action must be initiated immediately to upgrade its ecology.

The Society's concern with waterways and what to do about the aquatic weed problem, Abramson said, was first recognized in Florida. During the past 10 years, he continued, aquatic weeds have multiplied faster than means of eradication can be found. Herbicides, Abramson pointed out, still remain the most important tool available for aquatic weed control. He stressed that this tool must be handled properly by trained personnel and not used promiscuously by untrained people, or the general public. He



Outgoing president Stanley C. Abramson.

maintained that the public needs to be kept fully informed of all objectives pertaining to weed control operations.



Newly elected president of the Society, Robert J. Gates, center, at field presentation.

Airboat operator Russell Lee, Southwest Florida Water Management District, at field demonstration.



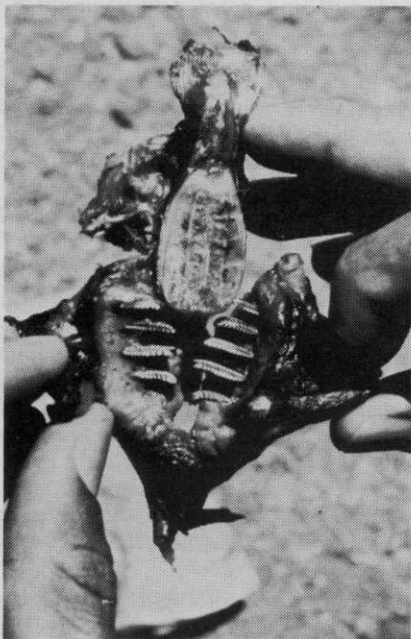
Senator Randolph Hodges and Herbert J. Friedman, president, Southern Mill Creek, Tampa.



C. T. Brown, Jr., Medical Park Clinical Laboratories, Inc., Tampa, has been working with Eron foam generator.



Group tests Eron foam generator using multi-colored foam at Society field demonstration.



Pharyngeal teeth and pad of the White Amur, a fish being tested for aquatic weed control.

Robert E. Eron, Eron, Inc., with ATV unit readying for test of foam generator.



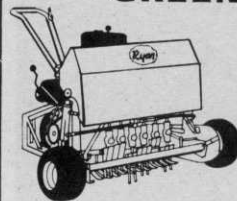
The Society, Abramson said, will continue to be confronted with problems relating to practical aquatic pollution control. He reminded members that the paramount reason for the Society's existence was to coordinate efforts of all members in finding solutions which will be practical and acceptable.

Randolph Hodges, executive director of the Florida Department of Natural Resources, and a former senator, discussed the current Florida role in environmental research and protection. His goal, he stated, is to secure the complete coordination of all agencies and groups concerned with aquatic weed problems. Contracts for control, utilizing \$2.8 million which the state legislature has authorized, will be given both to public and private interests. Hopes are that local funds can be raised in many cases to match the state funds, he said.

Senator Hodges in recognizing Society programs, research and activi-

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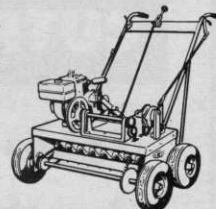
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ties, pointed out that his office would be receptive to any suggestions from this as well as other groups. The entire tenor of his pres-

entation appeared to be one offering the complete cooperation of state agencies in working with the many civic and governmental groups in finding acceptable solutions to aquatic weed pollution.

A University of Florida panel of scientists representing several divisions of the University discussed possible research projects relating to aquatic weeds. Dr. Roy Shirley, in the animal science field, offered little hope for use of aquatic weeds, particularly hyacinths, as animal rations. He said research indicated that no more than one-third, and a better guess in his opinion would be 10% to 15%, of a livestock ration could possibly consist of hyacinths (via pellets or in other processed form).

Hyacinths, Shirley continued, vary from time to time in protein content. Range seems to be from 15% protein down to 8%. At times, plants also contain more ash. Processing apparently deteriorates the protein content.

A brighter outlook was given by Dr. Thomas D. Furman, environmental engineer. He said that aquatic weed plants—hyacinths in particular—might serve to extract nitrogen and nitrates from raw sewage prior to dumping it. As a source of nitrogen and nitrate uptake (as well as phosphorus uptake) he believes up to 50% can be extracted.

In a Florida lake, where such studies are being made, he has found that hyacinths under these conditions can double in mass every

12 to 15 days. Growth ponds, he said might well be a method of reducing nutrients going into a lake. Next step, he pointed out, would be to use and sell hyacinths for conversion into paper. His belief appeared to be that the big problem of such a venture would be in harvesting.

The suggestion that hyacinths could be used as paper has merit. Dr. William Nolan, chemist, said there is a great potential of using hyacinth for paper. He showed a number of samples from his own lab. He said that such plants make a strong paper and this method can utilize 50% of the plant. Pith is made into cellulose and the fiber into paper.

Robert J. Gates, Southwest Florida Water Management Director, New Port Richey, Fla., was elected president for the coming year. Other officers and directors elected at this session included: Stanley Abramson, Southern Mill Creek Products, Tampa, vice-president; Brandt G. Watson, Naples Mosquito Control, Naples, secretary-treasurer; David L. Sutton, Agricultural Research Service, USDA, Ft. Lauderdale, editor; Dr. Alva Burkhalter, Aquatic Plant Research and Control Coordinator, Florida Department of Natural Resources, Tallahassee, director; Ray A. Spirnock, Miami, director; and Robert P. Blakely, Old Plantation Water Control District, Plantation, Fla., director.

In future editions, WTT will carry a number of the technical papers presented at this Society meeting.

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13	14	15	16	17	18	19
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27	28	29	30	31		

Virginia Tech Turfgrass Field Days, V.P.I. and S.U. Turfgrass Research Center, Blacksburg, Va., Sept. 8-9.

Michigan Turfgrass Field Day, MSU, East Lansing, Mich., Sept. 9.

Alabama-Northwest Florida annual turfgrass short course in cooperation with Auburn University, Auburn, Ala. Sept. 9-10.

Illinois Turfgrass Field Day, Univ. of Illinois Turf Plots, Urbana, Ill., September 10 (1:00 p.m.).

Ohio Turf and Landscape Day, Ohio Agricultural Research and Development Center, Wooster, Ohio, Sept. 14.

Florida Turf-Grass Management Conference, Pier 66, Ft. Lauderdale. Sept. 19-22.

Minnesota Shade Tree Maintenance Short Course, St. Paul campus, UM, St. Paul, Minn., Sept. 23.

Midwest Regional Turf Foundation field day, Purdue University, Lafayette, Ind. Sept. 27.

Eastern Kentucky Turfgrass Field Day, EK Univ., Richmond, Ky., Oct. 4.

30th Annual Short Course for Roadside Development, Columbus, Ohio. Oct. 4-8.

Society of Municipal Arborists, 7th annual meeting, Empress Motel, Asbury Park, N. J. Oct. 6-8.

Helicopter Association of America western operators management seminar at the Marriott Inn, Belmont, Calif., Oct. 19-23.

Lawn and Ornamental Seminar, Florida Horticultural Sprayman's Assn., Pier 66, Ft. Lauderdale, Fla., Oct. 29-30.

Missouri Turfgrass Conference in the Memorial Union, University of Missouri, Columbia. Nov. 3-4.

Wisconsin Golf Turf Symposium at the Pfister Hotel, Milwaukee, Nov. 4-5.

Lawn & Garden Distributors Assn., Annual Convention, Sheraton O'Hare Motor Motel, O'Hare Airport, Chicago, Ill., Nov. 4-5.

National Institute on Park and Grounds Maintenance, Park Maintenance, Sheraton-Schroeder Hotel, Milwaukee, Wis., Nov. 15-18.

Arizona Parks and Recreation Conference, annual meeting, Holiday Inn, Tempe, Ariz., Nov. 17-19.

National Agricultural Aviation Association, Fifth Annual Conference, Fairmont Hotel, Dallas, Tex. Dec. 5-9.

North Central Weed Control Conference, 26th Meeting, Muelebach Hotel, Kansas City, Mo., Dec. 7-9.

Northeastern Weed Science Society, 1972 Convention, Hotel Commodore, New York, N. Y. Jan. 5-7.

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American Association of Nurserymen

The "Green Survival" national marketing program of the American Association of Nurserymen was but one of some 200 activities of the group this past year. In a report at this year's 96th annual convention at Dallas, Tex., plans for a second such kit were announced.

The original kit contains advertising material and published helps which aid the individual retailer fit readily into the environmental pace of the '70s.

Outgoing AAN president, Harold R. Nickel, looks on the year-old program as an opportunity "to help America." "Green survival," he told members, is the nursery industry's own program for improving the environment, offering better air to breathe, more beauty to see, and conservation of land from erosion with plantings of trees and shrubs. "We have a great obligation here," he said, adding that "We also have a great contribution to make."

Among activities of what has to be among the most forward programs of an association in the nation was membership recruitment. It has climbed to 1863, a net increase of 520 in the past 5½ years.

Legislative activities, according to the staff report, included preparation of 20 separate pieces of testimony for both senators and congressmen. These included data for forest service appropriations, forest management, wage-hour legislation,

pesticides legislation, Washington Youth Gardens appropriations, postal rate revisions, patent legislation, and others.

Another significant activity was in the field of transportation. A nationwide transportation survey was made of AAN members to offer a better understanding of legislative needs of the group. The association staff and members helped force cancellation of a proposed surcharge on parcel post parcels over certain dimensions. This, the report stated, forestalled action by the trucking industry to make a drastic increase in classification ratings on shipments of trees and other horticultural products.

Also announced was the exciting new publication, "Technical Glossary of Horticultural and Landscape Terminology." This is a 112-page, hard cover edition containing more than 2100 horticultural and landscape terms and some 700 meanings of botanical names. Besides primary work of the Horticultural Research Institute, nine other associations cooperated in production of this publication. A 60-page National Landscape Association "Landscape Designer and Estimator's Guide" was also published this year.

A fifth association was added to the group, for which the AAN serves as the umbrella organization. This was the National Association of



Harold R. Nickel, left, outgoing AAN president, awards Norman J. Colman award to Dr. Neil W. Stuart, retiring this year from the USDA Agricultural Research Service.

Plant Patent Owners (NAPPO). Its mission is to protect and enhance the Plant Patent System. Other organizations are the HRI, NLA, and the Wholesale Nursery Growers of America.

Executive Vice President Bob Lederer was appointed to perhaps the most prestigious of all Capital groups, the Society for a More

Newly elected president of the AAN is Joseph Klupenger, Klupenger Nursery & Greenhouses, Inc., Aurora, Ore.



Recipients for advertising effectiveness awards are (from left): John D. Siebenthaler, The Siebenthaler Co., Dayton, Ohio; Ronald H. Swanson, Highland Landscape Co., South Bend, Ind.; Charles E. Black, Black's Nursery, El Paso, Tex.; William Harlow, Harlow Nursery, Tucson, Ariz.; and Itsuo Uenaka, Cupertino Nursery, Cupertino, Calif.



Beautiful Capital, Inc., an organization originated by Mrs. L. B. Johnson.

Awards were as follows: Dr. Neil W. Stuart, retiring from the USDA Agricultural Research Service after 35 years, received the Norman J. Colman award for his contributions to horticultural research; Sidney B. Hutton, Sr., West Grove, Pa., first U.S. nurseryman to package agricultural food products in cellophane for marketing and a pioneer in the nursery industry received the Hall of Fame award, highest awarded by the AAN; and Mrs. Eleanor B. McClure, Kirkwood, Mo., the '71 Garden Writer's award.

Eight retail nurseries received recognition for outstanding advertising programs. Named were: Highland Landscape Company, South Bend, Ind.; John Harlow's Nursery and Flower Shop, Tucson, Ariz.; Black's Nursery, El Paso, Tex.; Siebenthaler's Landscape Nursery, Dayton, O.; and Hicks Nurseries, Westbury, L.I., N.Y. Receiving honorable mention were: Cupertino Nursery, Cupertino, Calif.; Turner Brothers Nursery, West Long Branch, N.J.; and Sunnyside Nursery, San Anselmo, Calif.

NAA Schedules Annual For Feb. 13 At Tampa

Annual meeting of the National Arborist Association will again be held at the International Inn, Tampa, Fla. Dates are Feb. 13-17, according to NAA President William P. Lanphear, Forest City Tree Protection Service, Cleveland, O.

Program for this '72 session includes data on the new Occupational Safety and Health Act and its effect on the commercial tree firm, use of pesticides within legal limits, and the economic outlook for commercial arborist businesses.

Turf-Vac Announces Gravely Distributorships

Turf-Vac Corporation has announced that Gravely Division of Clarke-Gravely Corporation will sell its line of vacuum ground sweepers in the eastern half of the U.S.

Hugh H. Horrell, executive vice-president of Turf-Vac, reports that Gravely locations will be stocked with the new line of equipment in

time to serve the market during the fall season.

Turf-Vac headquarters at Long Beach, Calif.

Florida Nurserymen Growers Plan Major Show

A major 3-day Florida industry event, Trade Show Bonanza, begins October 8 at Hollywood-By-The-Sea, Fla. An extensive education program is coupled with three days of trading and exhibit demonstrations. Interest in the show is reflected by sale of the entire 139 available exhibit areas three months prior to the event.

The show committee consists of Wendell Butler and Bert Kraft, Fort Lauderdale, Tommy Hofmann, Hollywood, and Louis Cayll, Miami, all members of the sponsoring group, the Florida Nurserymen and Growers Association.

The group reports that this '71 show will feature the greatest roster of foliage plant displays yet. Thousands of rare hardwood ornamentals will be exhibited in addition to an all time high number of supplier product exhibits.



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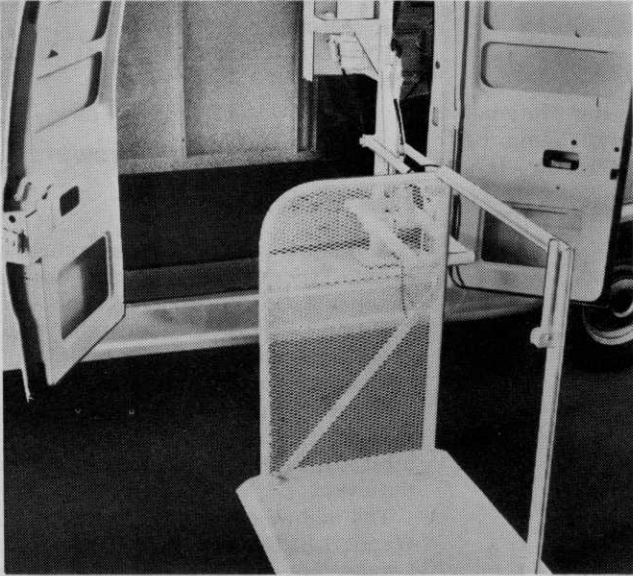
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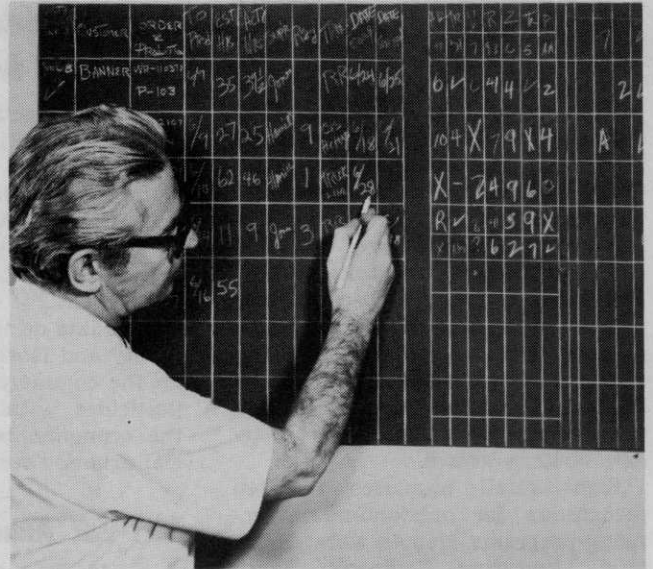


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Huntington Park, Calif.

Hydraulic lift gate tradenamed "Swing-A-Way" designed for use in all standard Chevy, Dodge, Ford and GMC vans. Powered by an electric/hydraulic system working off the vehicles 12 volt battery, the unit can be installed at either side or rear doors. Bolted to the inside of the van and requires virtually no modifications to the vehicle. Easily removed and reinstalled when changing vans. Unit rated at 500 pounds capacity. For more details, circle (701) on the reply card.



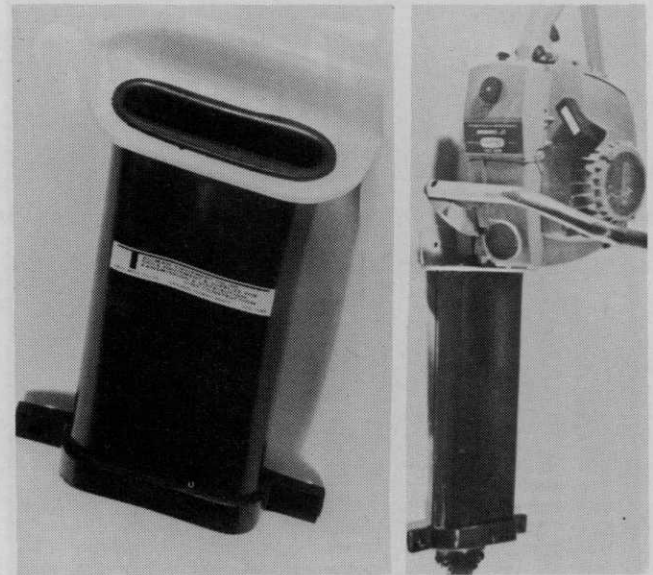
CHALK RE-MARKABLE BLACKBOARD CHARTPAPER:
Kleeco Publishing, Inc., Chicago, Ill.

Durable 24" x 36" flexible chalk re-markable sheets can be used full size for production or inventory control, engineering, machine schedules, bulletin boards, sales or order flow charts, etc. or cut with scissors to any size desired for memo sheets, desk top reusable chalk pads, clip to machines for time, output control, and similar uses. Write on with any regular blackboard chalk. Draw in lines, column headings, etc., with a water-soluble felt-tip pen. Semi-permanent markings that can be wiped off with a damp cloth. Impervious to liquids, soaps, grease, most oils, food, many acids; wipe dry with soft cloth, tissue or blackboard eraser, wipe wet with sponge, soap, water. For more details, circle (702) on the reply card.



GUSHER PUMP: Orlene Products, Los Angeles, Calif.

"Gusher" Pump is lightweight, tipping scales at 7 $\frac{3}{4}$ pounds. Moves water at the rate of 30 gallons per minute. Self-priming, centrifugal pump can be used to spray or irrigate, pump out swimming pools, flooded basements, etc.; and to provide fire protection. Powered by the 1 horsepower industrial O&R 2-cycle gasoline engine. For more details, circle (703) on the reply card.



BUCKET TRUCK CHAIN SAW SCABBARD:
Tallman Equipment Co., Inc., Chicago, Ill.

Non conductive, chain saw scabbard manufactured to fit all types fiber glass buckets and all standard manufactured chain saw for bucket truck tree trimming crews. Ideal for trucks, tractors and storage safe storage. Field tested for 2 years. Helps keep saw chains sharp, safe. Saves man hours. For more details, circle (704) on the reply card.