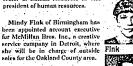
Contract Interiors, the South-field-based full-service furniture dealer, has promoted Tom Worn hak from vice president of finance to senior vice president; Garland Snyder to senior vice president re-sponsible for sales, design and con-struction, Ethyl Madden from Di-rector of human resources to vice president of human resources.



Birmingham BanCorp Mortgage Corp. of West Bloomfield has an-nounced the appointment of Kevin Geoglegan to serve as its loan representative for Plymouth and Parmington Hills area.

Gregory J. Gamulski has joined the Southfield law firm of Madden, Hauser, Wartell, Roth, Heller & Pesses, P.C. as an associate. He will concentrate on real extete law, specializing on condominium work.

Lee Moraltle has been appoint-Lee Moratils has been appointed vice president and corporate director of operations of Southfilled-based Shields' Restaurant. Bar & Pizzeria, He will oversee daily operations, of Shields' restaurants in Southfield and Sterling Heights as well as to-managing the Novi and Trio locations.



To submit materials to this column please send a brief biographical summary along with a black and white photo, if possible, to: Business Editor, 36251 Schooleraft, Livonia 48150.

# R&D investment begins to pay off



Nothing helps a struggling business more than an infusion of cash and a large work order.

Optical Imaging Systems of Troy has benefitted from both since auditors last September ralsed concerns about the company's ability to survive financially.

First, Guardian Industries, a highly-regarded global manufacturer if glass products based in Northville, poured \$10.5 million cash into 10.8 coffers to become its largest single shareholder. A few months later, 018 won a \$10.3 million subcontract — its largest single sales ever — for a U.S. Air Force project.

million subcontract — its largest singleailes ever — for a US. Air Force
project.

"When I came here last May, we had
only one production contract," said David J. Marvin, vice president for sales
and marketing. "Now, we're under contract to develop! I new display types.

"Over the last four years, we've been
heavily in research and development.
We're not profitable yet. The market is
responding well."

OIS, founded in 1984 as a subsidiary
of Energy Conversion Devices, wen
public in 1987.

Financial statements filed with the
Securities and Exchange Commission
indicate that OIS lost \$8.6 million on
sales of \$5 million last year. OIS has
lost an aggregate \$31.6 million during
the last five years.

OIS, busing research applications developed by Energy Conversion Devices,
is the only manufacturer of active matrix liquid crystal displays in the US.
Marvin sald.
"We're trying to create a display
equivalent to a TV-tube in a much
smiller package in a more reliable form
with least size and weight," he said.
Applications now are mainly for aircraft instrument panels, especially
high-performance jet fighters.

craft instrument panels, especially high-performance jet lighters.

To oversimplify, OIS takes two small pieces of glass, develops a matrix of



Clean room: An assembler in a dust-free work environment at Optical Imaging Systems takes care producing a flat panel display using active matrix liquid crystal technology.

wires and translators between the glass, adds a drop of liquid cryatal chemical then attaches computer electronics pro-vided by a customer to power the in-

vided by a customer to power the in-strument.
Administrative, research and produc-tion facilities are located in two build-ings in Tray. OIS currently employs about 85.
"Our job is to build a piece of glass," Marvin said. "It's a fairly high-tech-thing, It's not an easy task."
"Our short-term goal is to develop our manufacturing facility, add more production contracts," he said. "Long

term, we're going to aggressively pursue the market in flat panel displays — TVs, computers.

"A big piece of the business is laptup electronics, it will be a \$5 billion a year market this century. We'd like to take a fifth of it," he said.

Marvin also sees future applications in the auto Industry.

"It's a technology a lot in demand now, We go to trade shows, do a little advertising in aviation magazines. Three of us can contact all the sero-space companies directly. So far, they kind of shy away from us because of our

size," he said.

If it weren't for OIS, Marvin said, clients would have to look to Japan or Europe for the active matrix liquid crystal displays.

Charles C. Wilson, executive vice president and chief financial officer, was part of the Guardian management team which came over to revitalize OIS. He declined to a speculate on when OIS might turn a profit.

"We're a public company. We want to be careful about what we say," Wilson

See INVESTMENT, PREVIOUS PAGE

### 4 score lucky for company, its chairman

It all started in 1912 when a relative described as a crook: persuaded Nathan Done' to relocate from Pittsburgh to Detroit and establish an electrical supply and lighting company.

The relative wanted to hurn the place down, collect he insurance money and move on with their lives, recalled Milton Doner, whose father founded Michigan Chandelier.

Nathan agreed to the move but would have none of the chiefence. The visce the further one started to the chiefence of the chiefence of

the chicanery. This year, the family-owned stores and Milton celebrate their 80th birthdays. Business at Michigan Chamleller has nearly dou-

Business at Michigan Chanteller has nearly doubled turing the post seven years, said Ed Berne, company president, and Miltan's nephew by marriaga, it declined to provide figures.

"We think we're the largest electrative lighting, seller in the area in volume," Berne said.

And that's good news for the G3 employees who, wark at the headquartershaupply center in Southfield, a retail showtenin in Bhomileth Township, a supply office in Ann Arbor and shownsoom/supply outlets in Rochester and Novi.

#### Still active

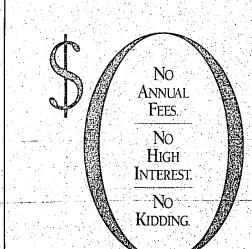
Milton Doner is still active as chairman today, en though he's experienced health problems in re-

cent years.
"He comes in every day," Berne said, "He's a val-



Lighting progeny: Milton Doner, chair-man of Michigan Chandelier, and his family-owned company both celebrate 80th birthdays this year.

ued administrator and helps with the planning."
"This was my life," Doner said. "It's much more interesting than sitting home and looking out the window, it really is.



## Foland's: a final farewell

Some 250 Foland's employees will lose their jobs when the show room catalog retailer closes down following a final bankruptcy clearance sale beginning today.

The stores, located in Livonia, Rochester, Southfield, Dearhorn Warren and Clinton will feature drastic markdowns in all product categories including jeweity, table top, gifts and electronics, sald David Castlegrant, director of stores operations and human resources. clearance sale beginning today.

The atores, located in Livonia,
Rochester, Southfield, Dearborn,
Warren and Clinton will feature
drawtic markdowns in all product
categories Including jewelly, table
ton, gifts and electronics, and David Castlegrant, director of stores
operations and human resources.

operations and number resources.

The chain was founded in 1973.
Foland's filed a Chapter 11 bankruptcy petition in February to reoganize and develop a survival plan
after creditors tried to force a liquidation to satisfy their claims.

Folund's reorganization never "An agreement was reached basi-

of creditors.

Business through the first several moth months of this year was down at "Bleast two-thirds from the comparable period in 1991, Castlegrant said, open one. Competition is another and the trementious investment necessary, it an expensive proposition," the said.

"If you don't have the traffic flow "If you don't have the traffic flow like we once did. . . it makes it vir-tually impossible to survive. We never fully recovered from when we closed, down in January. People thought, we were still closed.

Costlegant used the word "disastrous" to describe business in recent months. "We were simply making enough money to pay immediate bills — payroll, rent, telephone. As far as profit, there was nothing at all."

"Basically, we ran out of time and resources needed to turn our operation around despite our efforts to redirect the business as a fine jewelry and gift superatore," he

The liquidation sale will lest un-til all merchandise has been sold, Castlegrant sided.

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