

frontline



miamisburg mound community improvement corporation

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New Mound company to put counterfeiters out of business

Make no mistake, counterfeiting affects everyone. Whether it's wine, olive oil, electronics, pharmaceuticals, airplane parts, passports, shipping containers, or anything else of value, there is a fake version of it out there, fooling someone, somewhere. It's big business, and no product or industry is immune.

Right here in Dayton, a tiny little weapon has been developed by NCR Corp. to battle this global problem. The system is based on nanotechnology, and it will be brought to market by NCR subsidiary Prime NanoTech LLC, one of the newest tenants at the Mound Advanced Technology Center.

"The corporation is excited about this," said Prime's vice president for innovation and technology John Holz. "They've recognized that the market is larger than they originally thought."

Known as LumID (or luminescent identifier), the three-part system starts with rare earth minerals that, while invisible to the naked eye, can be seen when illuminated by a proprietary reader. These minerals are encapsulated as nano-sized glass beads – about 1/160th the width of a strand of human hair – to form a fine powder that is embedded in materials such as inks, papers or polymers. Because the beads can be blended into an infinite number of combinations, each customer can be assigned a unique "signature."

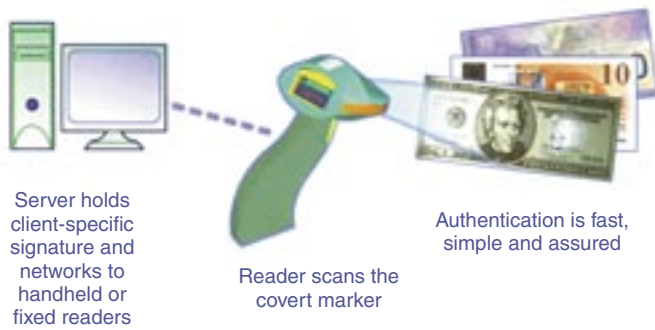
(Please see "New Mound company to put counterfeiters out of business" on page 2)



MMCIC has completed interior, exterior, roadway and parking improvements at 930 Capstone Drive, where Prime NanoTech will use 10,000 square feet of space. The company estimates that employment will reach 50 people within the first year.



(“New Mound company to put counterfeiters out of business” continued from page 1.)



The “signature” materials are then applied as a covert marker to the product – much like an invisible barcode – that can only be seen when scanned by the special reader. The final step is authentication, which takes place when the information from the reader is electronically transmitted to the customer’s server.

“We wanted to create a higher order of security for customers that will force the

counterfeiters out of business by raising the technical standards and making it financially infeasible for them to even try,” said Prime CEO Peter Suorsa.

Operations at Mound will begin with 16 employees and a \$2,500,000 payroll. Employment is expected to reach 50 within the first year. The company will use 10,000 square feet of space at 930 Capstone Drive for administration, research, marketing, warehousing and possibly some assembly.

“It’s an unusual kind of space – just what we were looking for,” said Holz. “From our viewpoint as a startup, it’s attractive because it’s

affordable, and MMCIC made it even more attractive by offering good incentives.”

MMCIC worked with the city of Miamisburg to secure \$300,000 in Montgomery County ED/GE funds to help pay for modifications to the building’s interior. The city of Miamisburg and the State of Ohio also provided support for improvements to the infrastructure, roadway, parking lot and the building exterior.

“Prime NanoTech is an excellent example of the type of company we want to attract to this site,” said MMCIC president Mike Grauwelman. “Their focus in materials and material processing is a wonderful fit with existing MATC businesses. We are excited about Prime’s growth potential, and pleased by the support we’ve received to help locate the company here.”

Regional dispatch center locates at Mound

The facility can withstand hurricanes, tornados, wind shears and many other disasters. That’s what makes 460 Capstone Circle at the Mound Advanced Technology Center the ideal site for Montgomery County’s new consolidated dispatch center for police and fire/EMS services.

Built in the 1970s, the building will serve as the control center for 911 services for dozens of area police and fire departments



MMCIC has invested \$3 million to prepare the building at 460 Capstone Circle, plus adjacent roadways and parking lots, for the consolidated dispatch center. About 100 employees will work there.

and other agencies. The Montgomery County Sheriff’s Office will be responsible for the operation and its 100 employees.

“The integrity and reliability of construction were top priorities in the selection process,” said MMCIC Operations Manager Frank Bullock. “There aren’t many buildings in the region built as solidly as this one.”

The county and MMCIC agreed on a 20-year lease for the four-story building. The new operation will initially occupy two floors, and over the next three to five years, additional county departments will likely relocate to the other floors.

MMCIC is spending \$3 million on building improvements, including the construction of a new entrance, the addition of windows, and the reconfiguration of the space, as well as the installation of new electrical and communications lines, flooring, lighting, roadway and parking. The tenant is investing approximately \$6.5 million in interior modifications as well as high-tech communication equipment and its installation.

The work will be finalized over the next 9-12 months.

The following jurisdictions and agencies have signed on to participate in the regional consolidated dispatch center:

Police Departments	Fire Departments
Brookville	Brookville
Butler Township	Butler Township
Clayton	Clayton
Clay Township	Dayton
Dayton	Germantown
Five Rivers Metro Parks	Harrison Township
German Township	Jefferson Township
Germantown	Miami Township
Harrison Township	Miamisburg
Jackson Township	Phillipsburg
Jefferson Township	Riverside
Miami Township	Trotwood
Miamisburg	
Montgomery County Sheriff’s Office	Other Agencies
New Lebanon	Montgomery County Animal Shelter
Perry Township	Montgomery County Adult Probation
Phillipsburg	MCCJIS- Probation
Riverside	
Trotwood	
Washington Township	
Verona	



MMCIC Board Profile

Church: 'we took charge of our own destiny'

Born and raised in Miamisburg, Dick Church grew up in the shadow of DOE's Mound plant. At the time, he couldn't have foreseen that destiny would keep him linked to the site for years to come.

It began with fateful news in December 1991. The newly elected – but not yet sworn in – mayor of Miamisburg, Church learned that the federal government was proposing to close Mound, the community's largest employer.

"We didn't really know that much about what was going on there, but we did know they were good for the community and good for the region," he said.

Despite local efforts to fight DOE's decision, the closure process began in 1993. City of Miamisburg officials didn't hesitate to take responsibility for the redevelopment of the 306-acre site and its return to productive use.

"We took charge of our own destiny. We had no choice," Church said. "Our concern was that national funding priorities may have left us with a brownfield in the middle of our community."

Church has played dual roles in Mound's redevelopment. As mayor, he has worked with regional leaders and the area's Congressional delegation to resolve issues such as cleanup, funding, property transfer, equipment, indemnity and long-term stewardship.

Church has also served since the beginning as a member of the MMCIC board of trustees, helping to guide the redevelopment process along with other business, government and community leaders.

"We have worked as a team," he said. "Virtually all the same board members have been together for 14 years."

The mayor believes that the progress toward Mound's redevelopment can be cred-



Dick Church, Miamisburg mayor and MMCIC board member

ited to a united front. The community has spoken with one voice, sharing a common vision for the site's future, he said. "And we have been persistent."

Widespread support for the Mound vision has sparked the effort. "I don't recall a time when the community questioned what we were doing," Church said. "This kind of support makes you work that much harder."

'He has made a difference'

Flitcraft Honored as Mound Builder

Dick Flitcraft, longtime advisor to the MMCIC board, was recognized recently with a 2007 Mound Builder award for his unflinching commitment to the Mound redevelopment project. The purpose of the award is to honor an individual who has helped to rebuild, redevelop and revitalize Mound, preparing it to become a business and technology park.



Dick Flitcraft

"I really didn't expect anything like this," Flitcraft said. "I'm still not sure I'm the right person, but it was a nice way for them to say thank you for the way I've hung in there through the redevelopment."

Flitcraft was plant manager at Mound from 1971 to 1982 and also president of the Monsanto Research Corp., a subsidiary of Monsanto, at the height of the Cold War. Prior to that, he had enjoyed a successful engineering and technical management career within the corporation.

He currently serves on numerous state and community boards and committees. In 1998, he launched the successful effort to create the Mound Museum, which currently is housed at the Mound site.

"Dick Flitcraft is a champion of the community's interests," said MMCIC president Michael Grauwelman. "He has shared with the board the benefit of his experience and wisdom on every issue of consequence to the future of this site. He has made a difference."

Office building available

Renovations and upgrades in and around the building at 480 Capstone Circle have been completed, and the facility is now available for lease. This attractive, four-story building was constructed in 1987 and served as the main administration building for the Department of Energy. While most of the building's 89,290 square feet represents office space, it also features an auditorium, cafeteria and executive boardroom.

For leasing information, please contact Paul Miller of the Miller Valentine Group at 937-293-0900.





P.O. Box 232
Miamisburg, OH 45343-0232
Phone: 937-865-4462
Web Site: www.mound.com

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comments and suggestions.

Please call us at 937-865-4462.

Smithsonian honors board member

MMCIC Board member James Van Tassel was honored recently by the Smithsonian National Museum of American History and Texas Instruments Corporation. A 20-year employee of Texas Instruments, he was one of three team members responsible for the invention of the handheld electronic calculator in 1966. He developed the compact keyboard as well as the device packaging for the prototype.

Dr. VanTassel went on to become vice president of the Microelectronics Division for NCR Corporation. While at NCR, he was responsible for the development and manufacture of semi-conductors.

He has served on the MMCIC board of trustees since its inception in 1994.



Pictured at the ceremony are David Allison, curator of Information Technology and Communications at the National Museum of American History, co-inventors Van Tassel and Jerry Merryman, Melendy Lovett, president of Texas Instruments Educational Products Division, and Brent Glass, museum director.

