

1. Virtual Reality for Design | Middlebury

IrisVR builds software that sends 3D models to virtual reality, enabling architects and their clients to inhabit their designs.

2. Remote Triggers | South Burlington

Born in a secret electronics laboratory, **LPA Design's** Pocket Wizard is the standard for remote cameras and flashes trusted by photographers.



3. Store Your Future Presence | Bristol

Among the most advanced humanoid robots in the world, the **Terasem Movement** built Bina48 to explore ways to replicate human consciousness.

4. Interactive Language Learning | Middlebury

Integrating immersive gaming, social networking and multimedia, **Middlebury Interactive** created the first customizable language learning tool for any classroom.

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5. Whole-Food Nutraceuticals | Brattleboro

Using whole, natural and organic ingredients in their line of nutritional supplements, New Chapter is a leader in the natural supplements field.





6. Medlite Emergency Transport | Westmore

Kimtek's retrofit insert for trucks, ATVs and utility vehicles enables their use in fire and emergency medical applications.

7. Carbon Fiber Ski Boots | Essex

Dave Dodge was the first to make a ski boot from carbon fiber, delivering the highest level of performance for the most demanding skiers.

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8. ZoomText | Bennington

AI Squared makes the world's best magnification and screen readers software for the visually impaired.

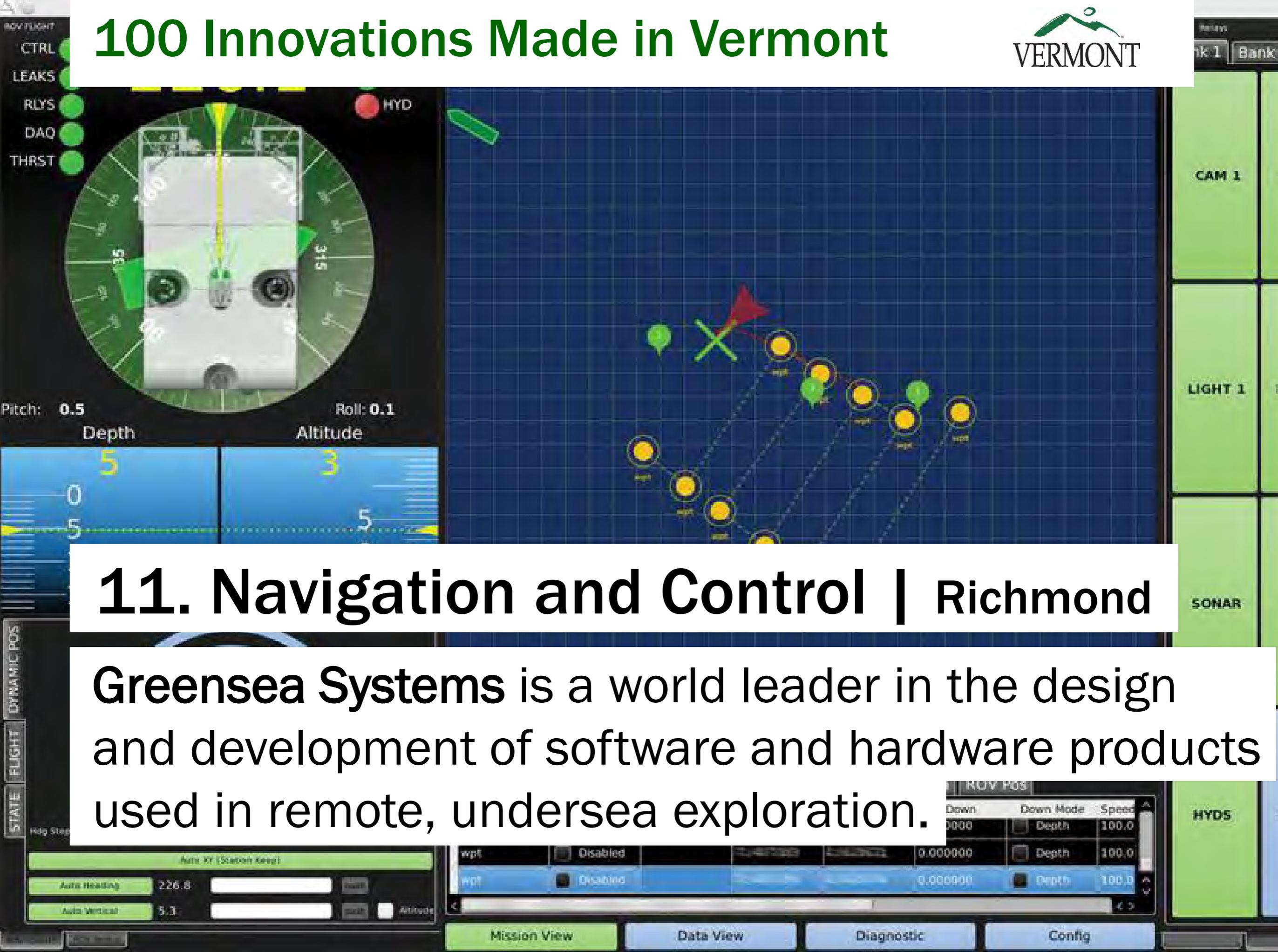
9. Personal Energy Solutions | Colchester

Green Mountain Power is making Vermont a national model for personal energy including net metering, micro-grids, and portable power.

10. Casting Machines | Colchester

Hazelett is a leader in process automation, mechanical and electrical design, and metallurgy in the manufacture of continuous casting machines.

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11. Navigation and Control | Richmond

Greensea Systems is a world leader in the design and development of software and hardware products used in remote, undersea exploration.



12. Fabric Awnings | Middlebury

Producers of world-class motorized patio and window awnings, **KE Durasol's** products add lasting value to homes and businesses.

13. Carbon Fiber Fuel Probes | Georgia

Pilots in commercial and military settings depend on the reliability of **Liquid Fuel Systems'** fuel measurement components.



14. Adirondack Guide Boats | N. Ferrisburg

Dubbed the Stradivarius of watercraft, **Adirondack Guideboats** are hand-crafted to glide effortlessly through the water.

15. Nanomachines | Waitsfield

Using intricate microfabrication processes, **Creative Microsystems** designs and manufactures structures for a range of applications, medical to aerospace.



16. Energy Management | South Burlington

Leading the design and manufacture of energy storage and power conversion technology, **Dynapower** systems are used in community- to grid-scale projects globally.

17. Timber Frame Structures | Bennington

Vermont Timber Frames combines craft and technology for residential and commercial buildings that reduce energy consumption.

18. Vibration-dampening Skis | Burlington

This remarkable ski design responds physically to the forces working on it. Renoun Ski makes one of the smoothest and most capable ski on the market.

19. 3D Medical Imaging | Colchester

For the first time, **Polhemus** makes it possible for EEG data to be overlaid on an MRI image to provide precise definition of electrical activity in the brain.

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20. Data Hygiene Technology | Bennington

Global Z develops data processing solutions that ensure accurate verification of international email, phone and physical addresses.



21. Automotive Dealer Tools | Burlington

Combining dealer marketing and operations into a single, intuitive interface, **Dealer.com** revolutionized auto dealers' presence online.

22. Solar Tracking Systems | Williston

Following the sun's path across the sky, AllEarth's tracking technology ensures maximum performance of solar panel arrays.

23. Animal Supplements | Essex Junction

Powerful products backed by research, **Food Science Corporation** leads the way in nutritional supplements that keep pets healthy.





24. Microprocessors | Shelburne

From the legendary Segway to Riddell's Insight Impact Response System to prosthetic limbs, **Microprocessor Designs** is an engineering design and fabrication leader.

25. Neuron Tracing Software | Shelburne

Microscopic imaging and neuron tracing helps research cures for diseases from Alzheimer's to Huntington's. MBF provides the gold standard to the field.

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26. Sharing the Outdoors | Woodstock

Sharing favorite outdoor adventures is easy with **Yonder**, a deceptively simple, powerful app that mashes social technology with a love for great outdoor experiences.



27. Energy Assessment Tools | Hinesburg

Solar or wind, Renewable NRG Systems' monitoring, measurement and assessment tools serve utilities, manufacturers, developers and researchers.



28. Medical Sensors | Bellows Falls

Makers of a full line of medical sensors and electrodes, **Vermed** provides solutions for neonatal monitoring to electrocardio procedures.

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29. Ship Ballast Monitoring | Manchester

A leading manufacturer of monitoring systems for naval application, **Battenkill Technologies** outfits vessels to measure in situ corrosion of tanks and voids.



Systems for Potable

Explosi

30. Zero Sort Recycling | Rutland

Casella's zero-sort recycling system saves time, money and effort by allowing all recyclables to be tossed into a single bin for on-site sorting.



31. Handcrafted Telescopes | Norwich

Engineered by rocket scientists, these lovingly reproduced telescopes by **Telescopes of Vermont** are powerful star-gazing tools that stand alone as sculptural works of art.

32. Advanced Natural Skincare | Shoreham

With 100 percent natural, non-toxic, and animal-testing free ingredients, **Tata Harper** has developed a full-line of the world's most advanced personal care technology.



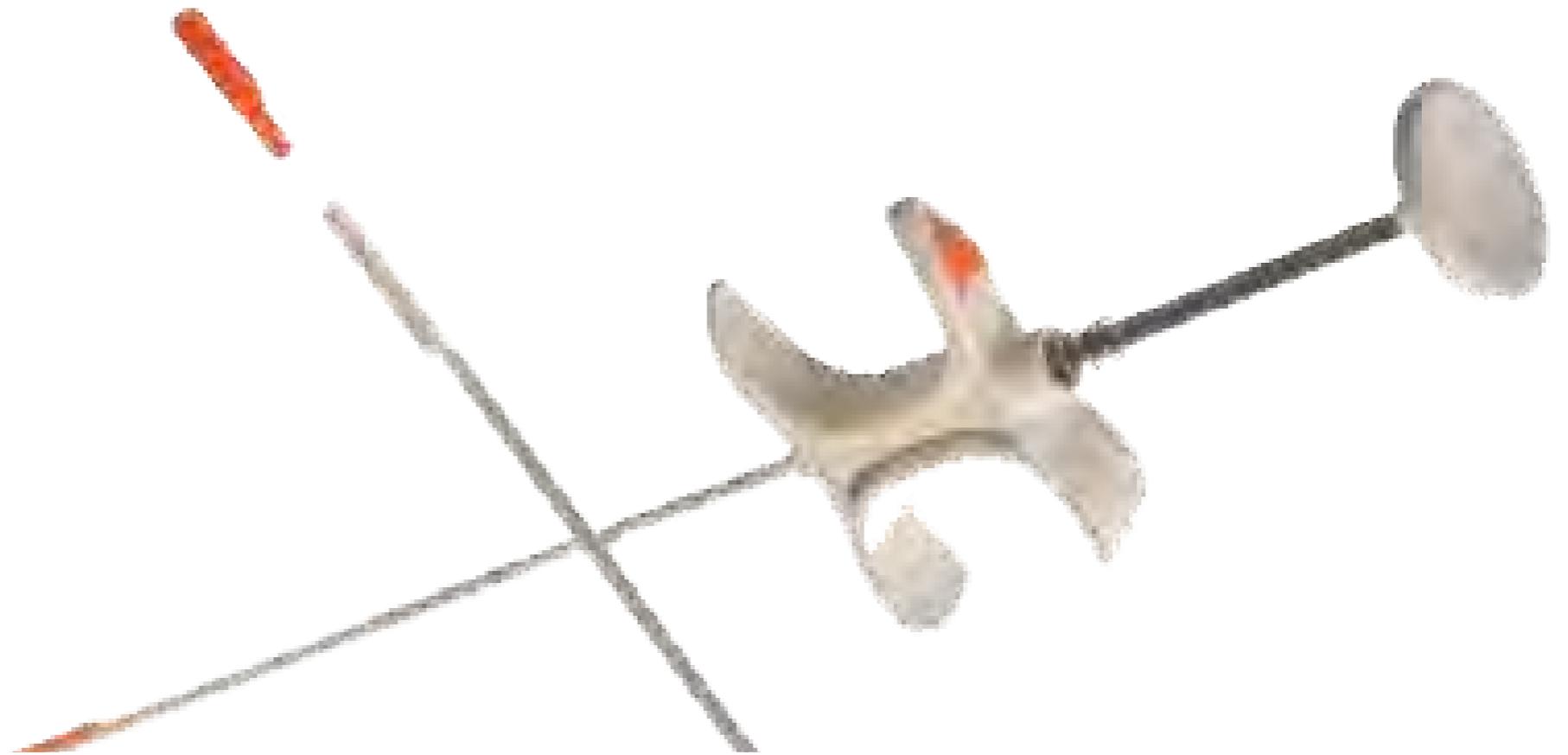
33. Battle Head Protection | Newport

Revision's Batlskin Viper and Batlskin Cobra helmets offer the ultimate protection to military personnel from blunt force, blast, and ballistic trauma.



34. Wood Bowls | Bethel

Hand-turned and hand-finished wood bowls produced from a custom-design, state-of-the-art manufacturing process by Andrew Pearce.



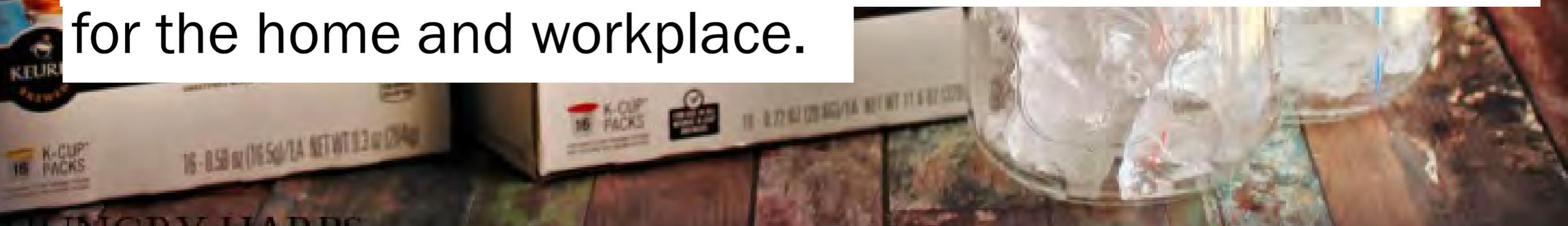
35. Breast Biopsy Device | Bethel

Challenged to redesign, re-engineer, and retool an intricate device for breast biopsies, **GW Plastics** developed a lower cost, better performing tool.



36. Personal Beverage Systems | Waterbury

Keurig Green Mountain is the global leader in the design and manufacture of hot and cold brew drink technology for the home and workplace.





37. Protective Wear | Milton

Used for military and civilian purposes, **Airboss Defense** protective boots, gloves and headwear provide trusted protection from chemical, nuclear, or biological hazards.



suncommon

38. Solar Energy Solutions | Waterbury

With a business model that makes solar energy systems affordable, **SunCommon** provides turnkey solutions for finance and installation of residential solar systems.





39. Highspeed Internet Access | Springfield

Providing the nation's most affordable GigE data fiber access to every customer, VTel is a national leader in bringing broadband to the home.



40. Infant Formulas, Nutritionals | Georgia

A leading global healthcare supplier that develops, manufactures and distributes infant formulas, **Perrigo** is the largest supplier of store brand health products.





41. String Bows | Montpelier

Hand-crafted for careful balance and beautiful action, **Eben Bodach-Turner** bows for violins, violas and cellos are sought by musicians worldwide.



42. Home Power Equipment | Vergennes

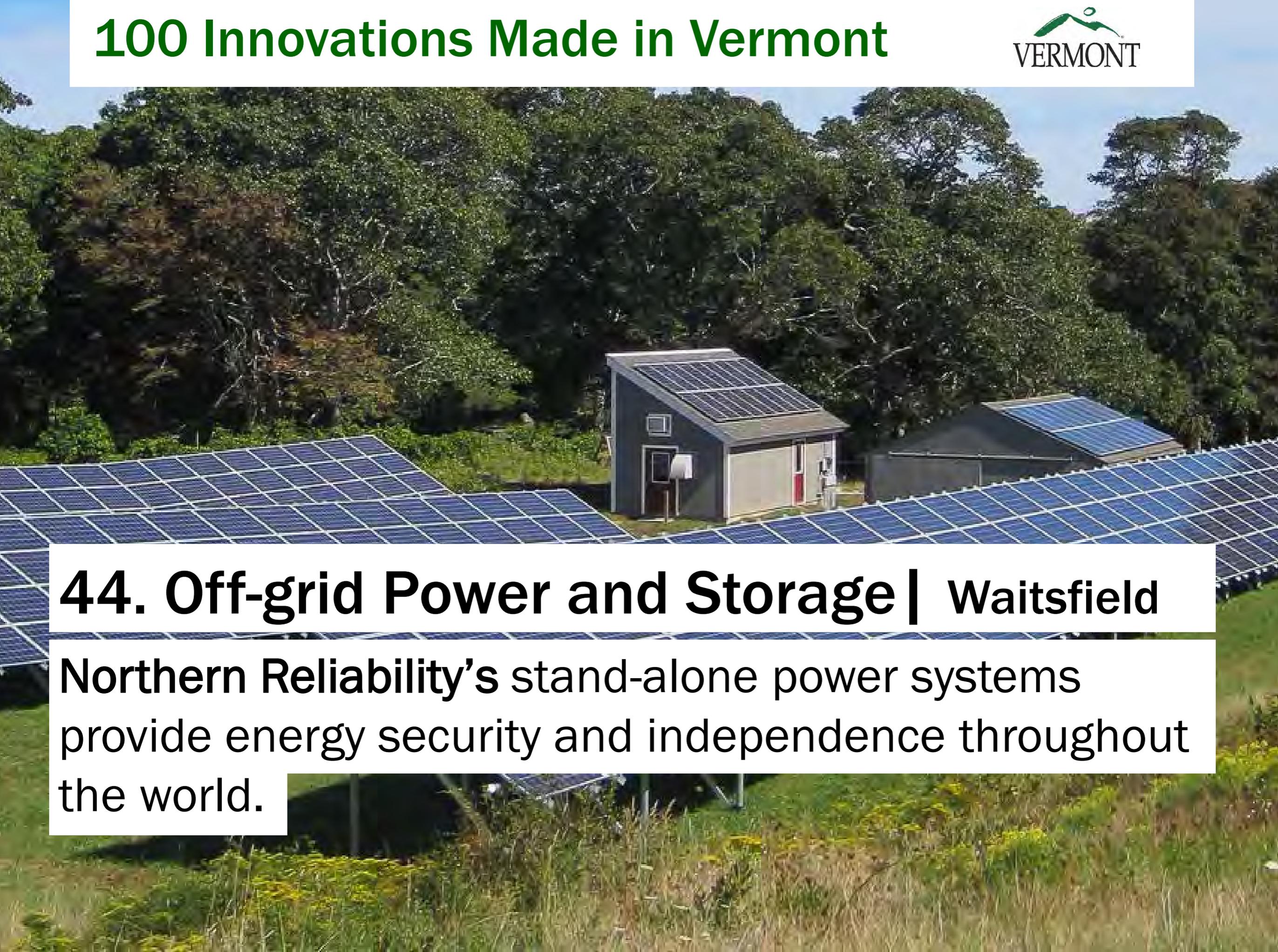
Renowned for their utility and craftsmanship, **Country Home Products** and their DR Powerline have brought innovation to product development in the industry.



43. Human Power Generators | N. Ferrisburg

The original manufacturer of hand or foot cranked devices, **Windstream** has been supplying the industry for nearly 40 years.





44. Off-grid Power and Storage | Waitsfield

Northern Reliability's stand-alone power systems provide energy security and independence throughout the world.



45. Injection Molding Machines | Milton

The technology of Husky Injection Molding is a global leader in the industry, serving customers around the world.



46. Aquatic Training Systems | St. George

A digital coaching tool for swimmers and triathletes, **Hytrainium** enables users to bring digital workouts into the pool to record training data.

HYTRAINIUM

47. Digital Information Collections | Chester

Creating easy access to the world's largest repository of digitized archival material such as maps, journals and videos, **Newsbank** serves academia and government.



Energy efficiency

Faraday for efficiency



Solar

Faraday for solar

48. Science-driven Customer Acquisition | Middlebury

Faraday uses machine learning to better match product and service providers to niche market opportunities using mapping and targeted analytics.

Home improvement

Auto

Retirement

Travel

Home



49. Lactation Station | Burlington

For busy mamas on the go, finding a clean, quiet and comfortable place in public to nurse an infant can be difficult. The **Mamava** pod is the perfect solution.

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More 88



@adams_myth

4d

There's just NOTHING out there as cool as this place!

More 19



@gv

5d

More 182

@jon-e-boi welcome!

More 207



@matthanns

5d

@lawnparty

2d



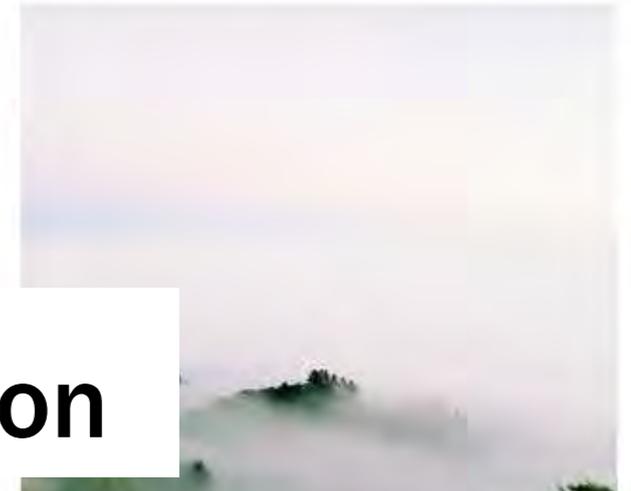
Survey: I have to print one of these (but I'd like to print all of them) #cri...

More 88



@mattcoleman

1d



50. Ad-free Social Network | Burlington

Originally a private network for creatives, **Ello.co** exploded when it opened to the public, promising an ad-free social environment that respects your privacy.



More 52



51. Solar-Powered Street Lamp | Arlington

You don't see typical large flat panels on this solar-powered street lamp made by **Mack Molding**. Instead, it uses a thin-film solar collector that wraps around the pole making for a streamlined design.

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52. K-Cup Coffee Packets | Waterbury

Green Mountain Coffee Roaster's K-Cup single-cup brewing system innovation has revolutionized the industry.





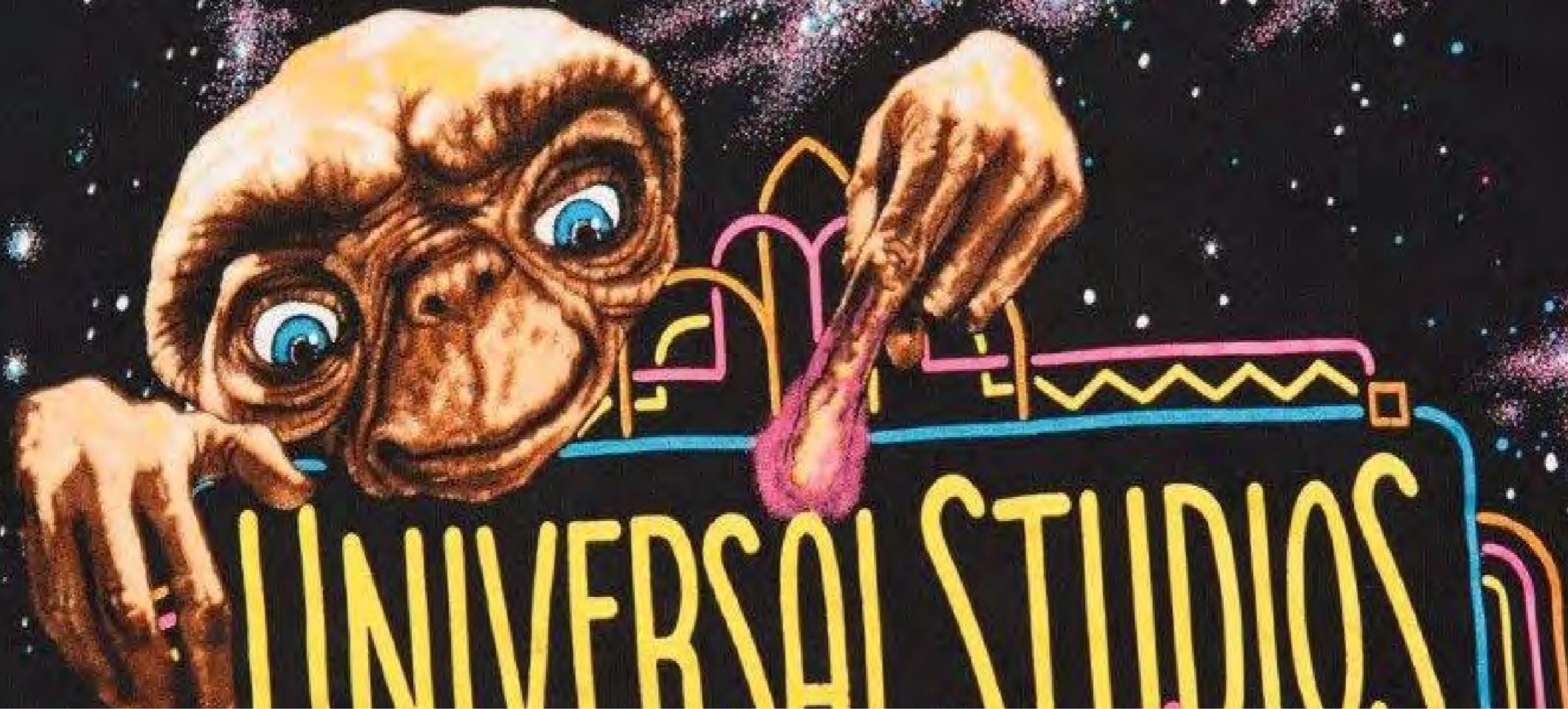
53.LED Fluorescent Replacement Tube | Randolph

Popular Science magazine awarded **LED Dynamics** the 2007 Innovation Award in the Green Tech category for the EverLED-TR tube replacement product -- the standard for low voltage, high output LED replacement lighting.



54. Mobile Medical Facilities | St. Johnsbury

Imagine a pop-up hospital, complete with surgical suites and operating rooms. That's what **Mobile Medical International** brings to disaster areas around the world, providing rapid response in challenging conditions.



55. Animatronic Motion Systems | Stockbridge

Chances are if you visit a Universal Studios theme park you'll see one of **Advance Animation's** life-sized moving, talking creatures such as a dinosaur from Jurassic Park or a creature from ET.



56. Organ Transplant Transport Case | Bennington

No more Arctic Cooler – the outer case for this cutting-edge organ transplant transport case made by **Kaman** is advancing medical technology.



57. Wireless Sensors To Monitor Shock | Williston

Lord Microstrain's wireless sensor networks gauge structural degradation on everything from rockets on NASA launch pads to bridges.

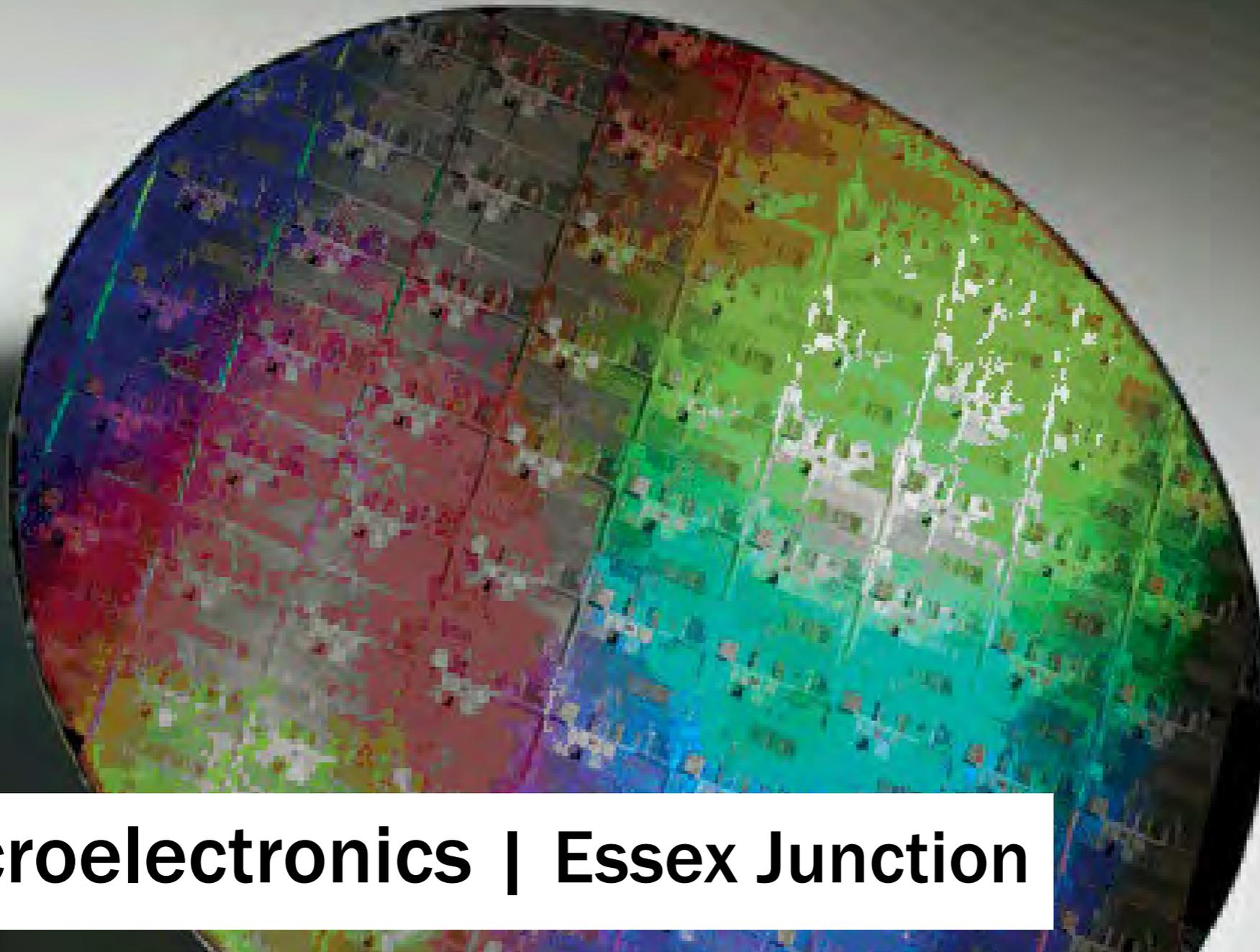
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58. Bullet-Proof Eyewear | Essex

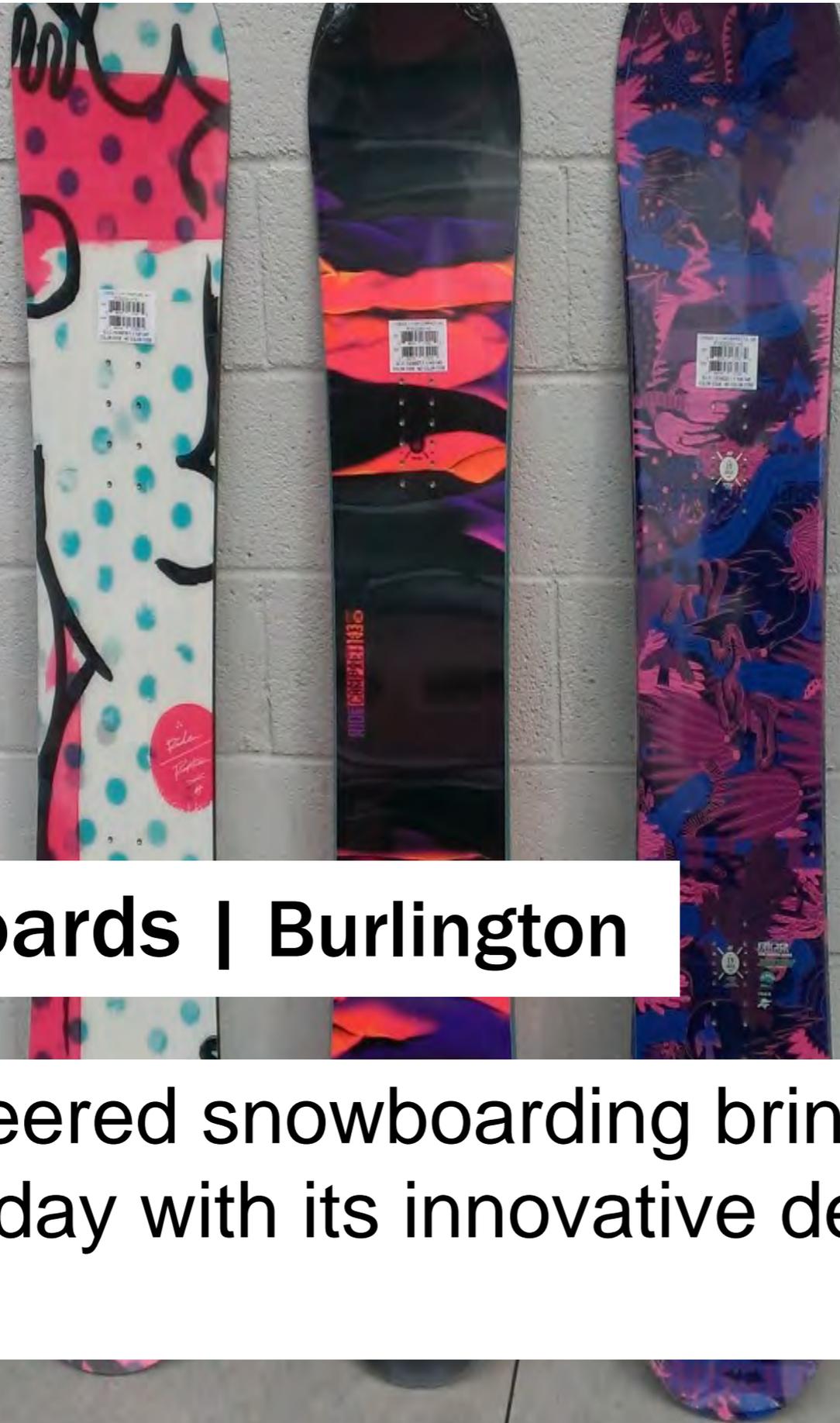
Function

“Your eyewear saved my life” is a message delivered to **Revision** many times by military, special forces, law enforcement and other personnel who use these revolutionary safety glasses.



59. Microelectronics | Essex Junction

If you carry a smart phone or use a tablet device, thank **IBM/Essex Junction** which is likely to have designed and made the components it relies on.



60. Snowboards | Burlington

Burton pioneered snowboarding bringing the sport to where it is today with its innovative designs and technology.

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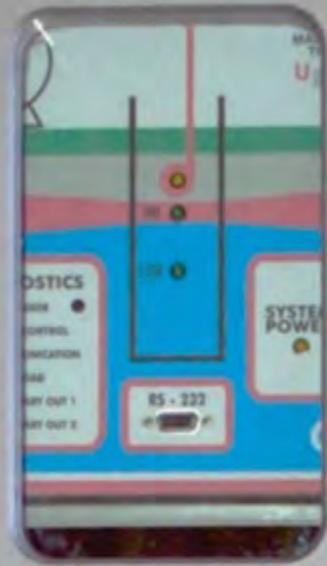
61. Furniture, Ethan Allen | Orleans

Started in Beecher Falls more than 80 years ago, **Ethan Allen Furniture** has evolved into a global company with hundreds of retail outlets.



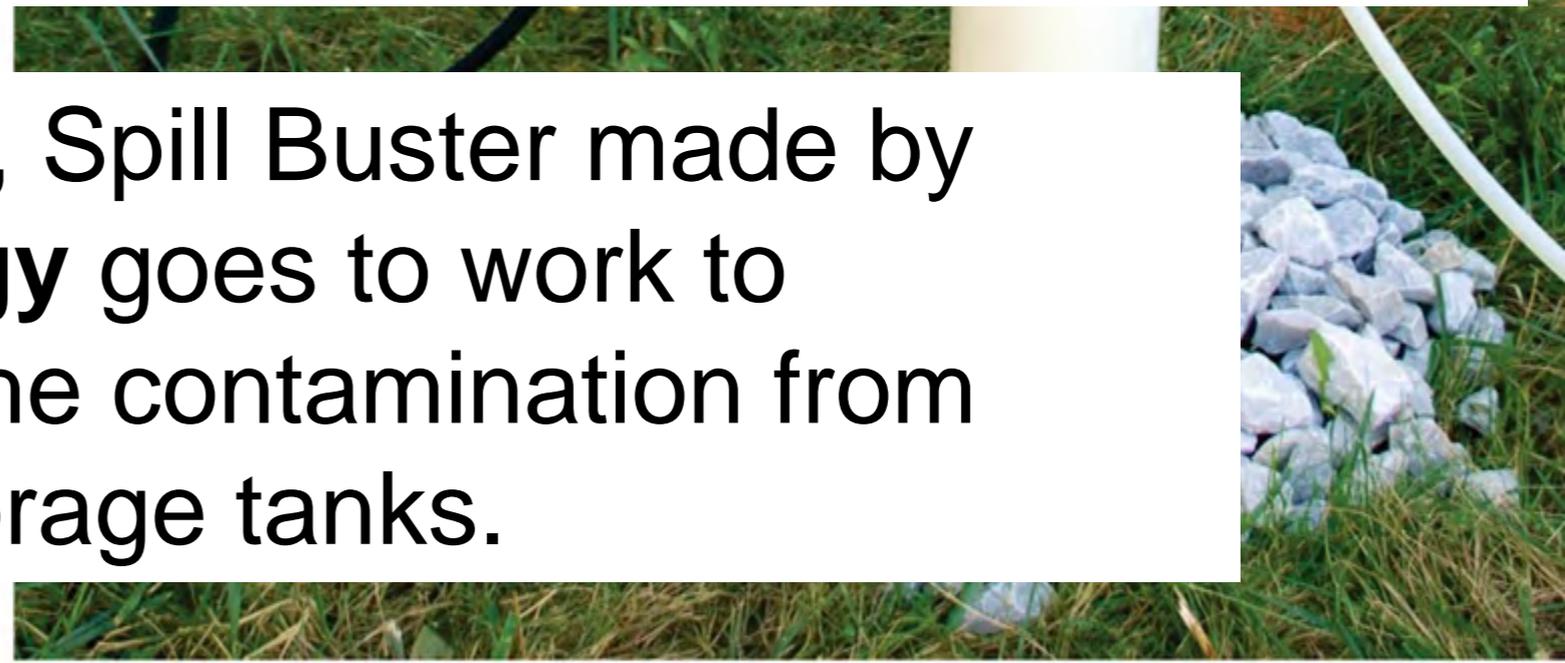
62. Glass and Tableware | Windsor

Simon Pearce brought elegant hand-blown glass designs to Vermont from Ireland and then figured out how to mass market them around the country.



63. Spill Buster Water Remediation System | Ferrisburg

When there's an oil spill, Spill Buster made by **Clean Earth Technology** goes to work to electronically clean up the contamination from leaking underground storage tanks.





64. Energy-Saving Cooling System | Waitsfield

“Why pay for cold air when it’s right outside?”
Freeaire’s Polar Power allows energy-efficient commercial and industrial cooling in colder climates.

65. Drug-Dispensing | St. Albans

Mylan's patches worn on the skin accurately dispense drugs such as Fentanyl which have a high potential for abuse and risk of overdose.



66. Wood Stoves | Bethel

Classically-styled wood-burning stoves made by **Vermont Castings** with an innovative green manufacturing process certified by the Environmental Protection Agency.



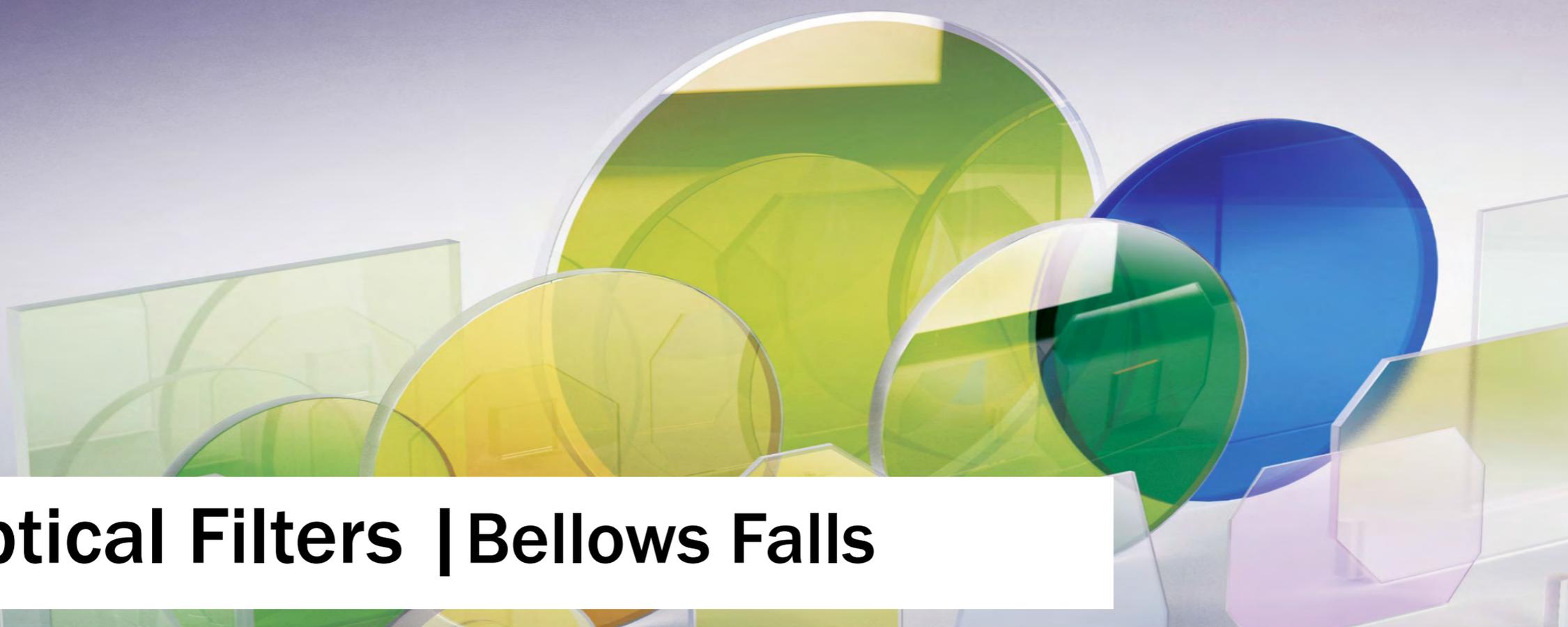
67. Digital Night Vision Technology | Waitsfield
Diffraction develops next generation technology for night vision devices used for intelligence, surveillance, and reconnaissance by military and law enforcement worldwide.

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68. Concept 2 | Morrisville

Concept 2 started making indoor rowers which led to lightweight rowing oars used by Olympic teams and in competitions around the world.

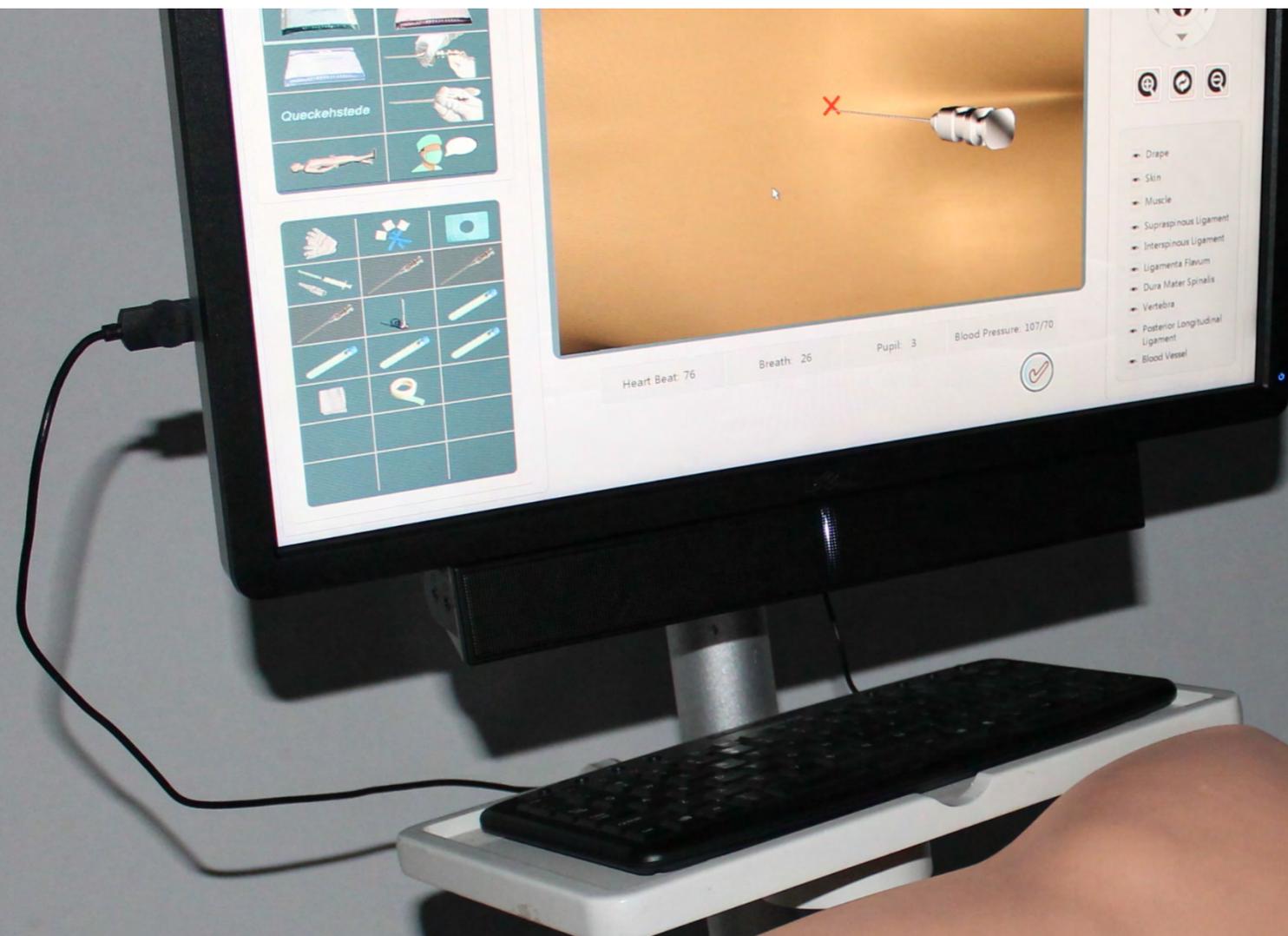


69. Optical Filters | Bellows Falls

Chroma Technology's durable coated filters for microscopes and telescopes continue to win international awards including the Prism Award from the International Society for Optics and Photonics.

70. Puzzles | Wilder

Stave Puzzles has been called the “Rolls-Royce of puzzles” by *Smithsonian Magazine*. These diabolical and beautiful custom wood puzzles that have been purchased by everyone from Bill Gates to British royalty.



71. Medical Devices | Milton

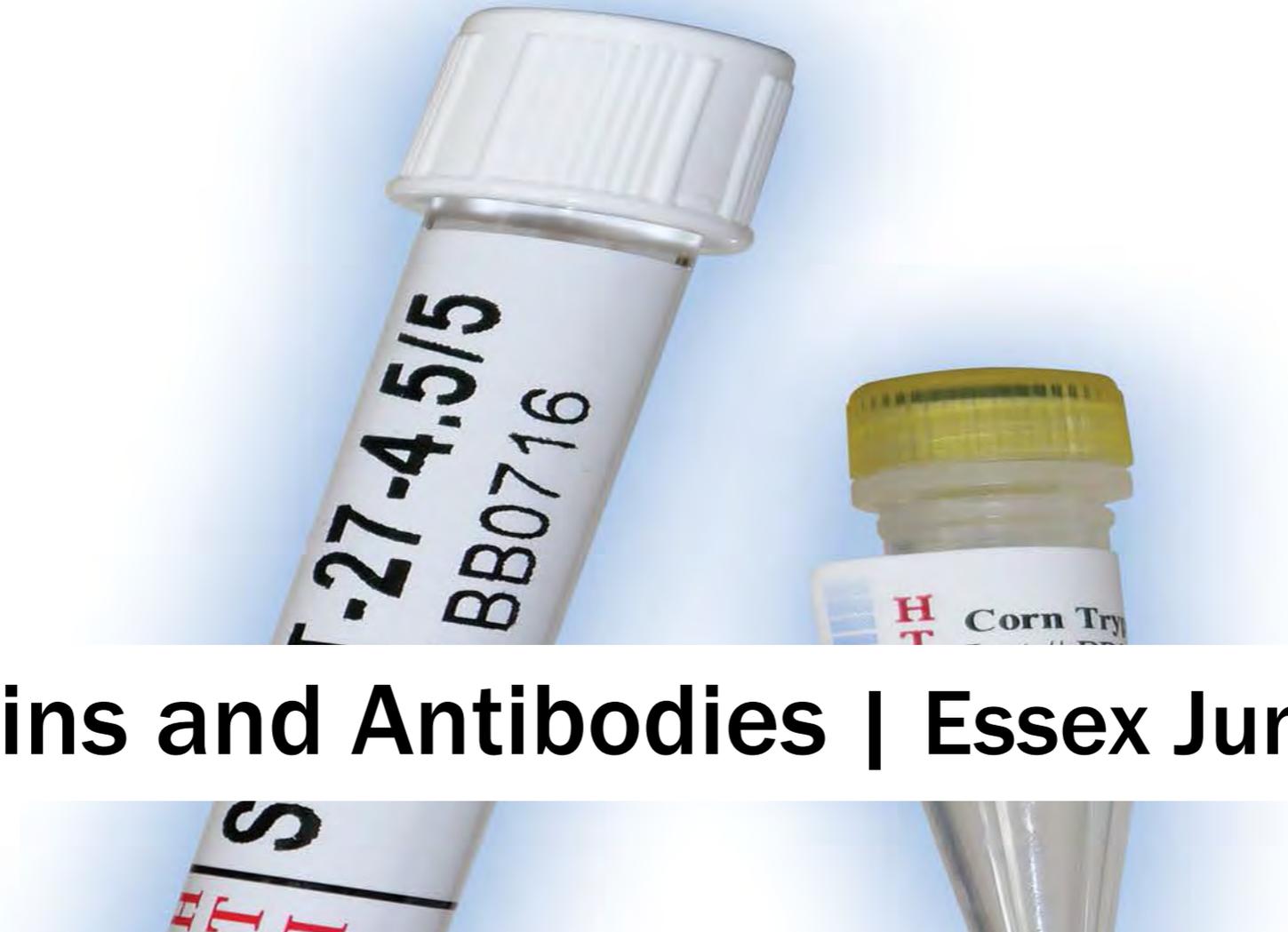
Sensors and tracking devices made by **Ascension Technology** are used for minimally invasive surgery and give doctors an edge for image-guided procedures.



Sentalis
High Performance Monitoring

72. Solar performance measurement | Burlington

Draker Labs' hardware and software for peak operating efficiency is sold worldwide.



73. Proteins and Antibodies | Essex Junction

Plasma proteins and antibodies by **Haematologic Technologies** are used in a broad line of services for the medical research community including in vitro and coagulation processes.



74. Reconnaissance Robots | Randolph

Applied Research Associate's robots have helped clear land mines and protect troops in Afghanistan.

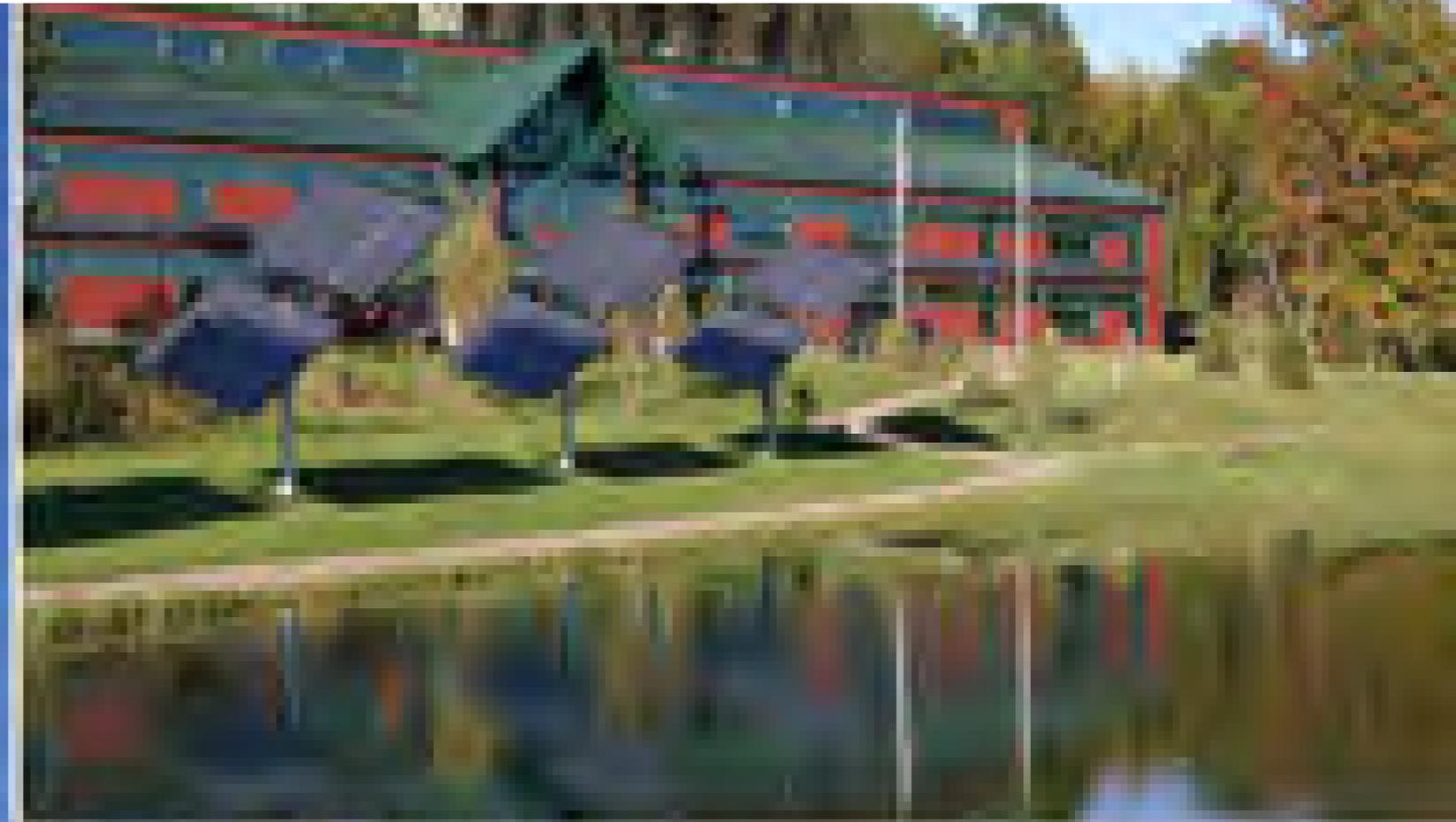
75. Electric Vehicle Capacitors | Barre

The SB Power Ring designed and manufactured by **SB Electronics** makes the hybrid electric car hum with energy-conserving innovation.



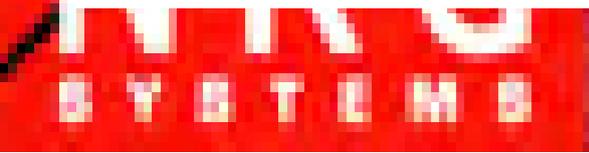
76. Wrought-Iron Light Fixtures | Castleton

One of the oldest commercial forges in America, **Hubbardton Forge** makes lighting fixtures that win national design awards year after year.



77. Sensors for Wind Turbines & Solar | Hinesburg

Before many large solar or wind energy systems are installed, **Renewable NRG's** sensor machines go to work to help optimize performance.





78. Intravenous Micro-Infusion Pumps | Newport

IV medical pumps made by **Numia Technologies** can deliver undiluted dosages of medication at very slow rates.

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79. Wooden Toys | Middlebury

Their iconic name train is a traditional toy favorite around the world and **Maple Landmark** is a pioneer in non-toxic natural wooden toy design and manufacturing.



80. Nanotube Water Filtration | Windsor

Every 15 seconds a child dies from water-borne disease. **Seldon Technology's** products are cleaning water in Africa, Haiti and disaster relief venues around the world.



81. Titanium Bicycles | Burlington

Budnitz bikes have brought lightweight, functional titanium design to the street bicycle as well as racing bikes for customers around the world.



82. Darn Tough Socks | Northfield

Cabot Hosiery reinvented itself with their Darn Tough brand as the only American manufacturer of premium performance socks with an unconditional lifetime guarantee.

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- Silver snake and stripping guides
- Includes aluminum rod tube with rod sock



83. Composite Fly Fishing Rods | Manchester

Orvis' lightweight fly fishing rods feature simple and elegant designs and have won awards for quality and excellence.



84. Armored Troop Vehicles | Bennington

MRAP vehicles made by **Plasan NA** have saved countless lives from IED explosions in Afghanistan and Iraq.



85. Gourmet Ice Cream | Waterbury

Ben & Jerry brought innovation to ice cream by adding not just ingredients (everything from cookie dough to candy pieces) but attitude and a social mission.



86. Cyber Security Device | Berlin

It looks like an AC-power plug in, but it's really a sophisticated cyber-security protection device for computer networks made by **Pwnie Express**.

87. Aircraft Refrigeration System | Wilder

The “DeepChill” air cycle refrigeration system made by **Concepts NREC** is used in aircraft as an environmentally-friendly replacement to traditional carbon-emitting technology is but one innovative product made by this innovative company.



88. Eco-Safe Aerosol Propellant Technology | Bethel

Ultramotive's innovative eco-safe aerosol spray systems are used in many nationally-recognized brands using nitrogen instead of hydrocarbons reducing greenhouses gases.



89. Aftermarket Automotive Transmission Parts | Bellows Falls

When the transmission needs repair, the industry turns to **Sonnax** for their aftermarket kits. Their innovative product design process leads the industry in new product development.

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90. Commercial Ovens | Burlington

Since 1848 **Blodgett** has designed and made heavy duty ovens for commercial use around the world.



91. Microplate Instrumentation | Winooski

Scientists and labs rely on **BioTek** analysis technology for blood testing and other medical applications.



92. Teddy Bears | Shelburne

Teddy bears were just teddy bears until **Vermont Teddy Bear** gave them “personas along with clothing and fashion designs that brought them to a new level of popularity.

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93. Corporate Furniture Systems | Randolph

Wall Goldfinger produces custom corporate tables that contain everything from pop-up monitors to USB connections and was chosen to design and install their creation in the top-secret Situation Room in the White House.



94. Nut Free Chocolates | Grand Isle

A mother who couldn't find chocolates made in a nut-free environment for her children with allergies created **Vermont Nut Free Chocolates** and now serves customers around the world.



95. Industrial mini-computers | South Burlington

Logic Supply computers are used in dozens of ways including in cars and trucks to monitor weight and travel time, tracking the vehicles route and distance via GPS.

96. Robots that Service Nuclear Reactors | Brattleboro

When nuclear reactors undergo mandatory shut downs for servicing, **ROV Technologies'** robots are used in cooling tower pools for testing and documentation.



97. Custom Cases | Bennington

PortaBrace has been chosen by many broadcast organizations for custom camera cases, lighting and audio equipment.

98. Cheese | Montpelier

In 2013 The American Cheese Society awarded **Cabot** first place for their Clothbound, Tuscan, Sharp Extra Light, and Jalapeno Light Cheddar.

99. Granite | Barre

Rock of Ages quarries of Vermont yield a unique grey granite used in monuments and buildings in Washington, Arlington National Cemetery, and installations around the world.



100. F'Real Milk Shake Machine | Arlington

Put your money in this innovative machine made by **Mack Molding**, get a milkshake made to order out.