



Idaho Technology Inc.

Innovation Amplified

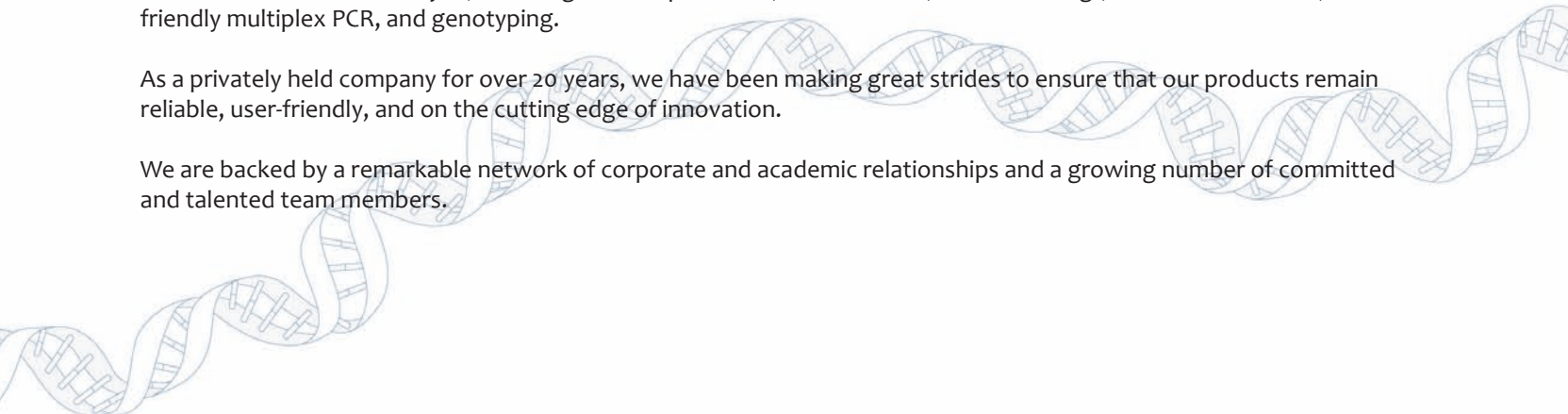


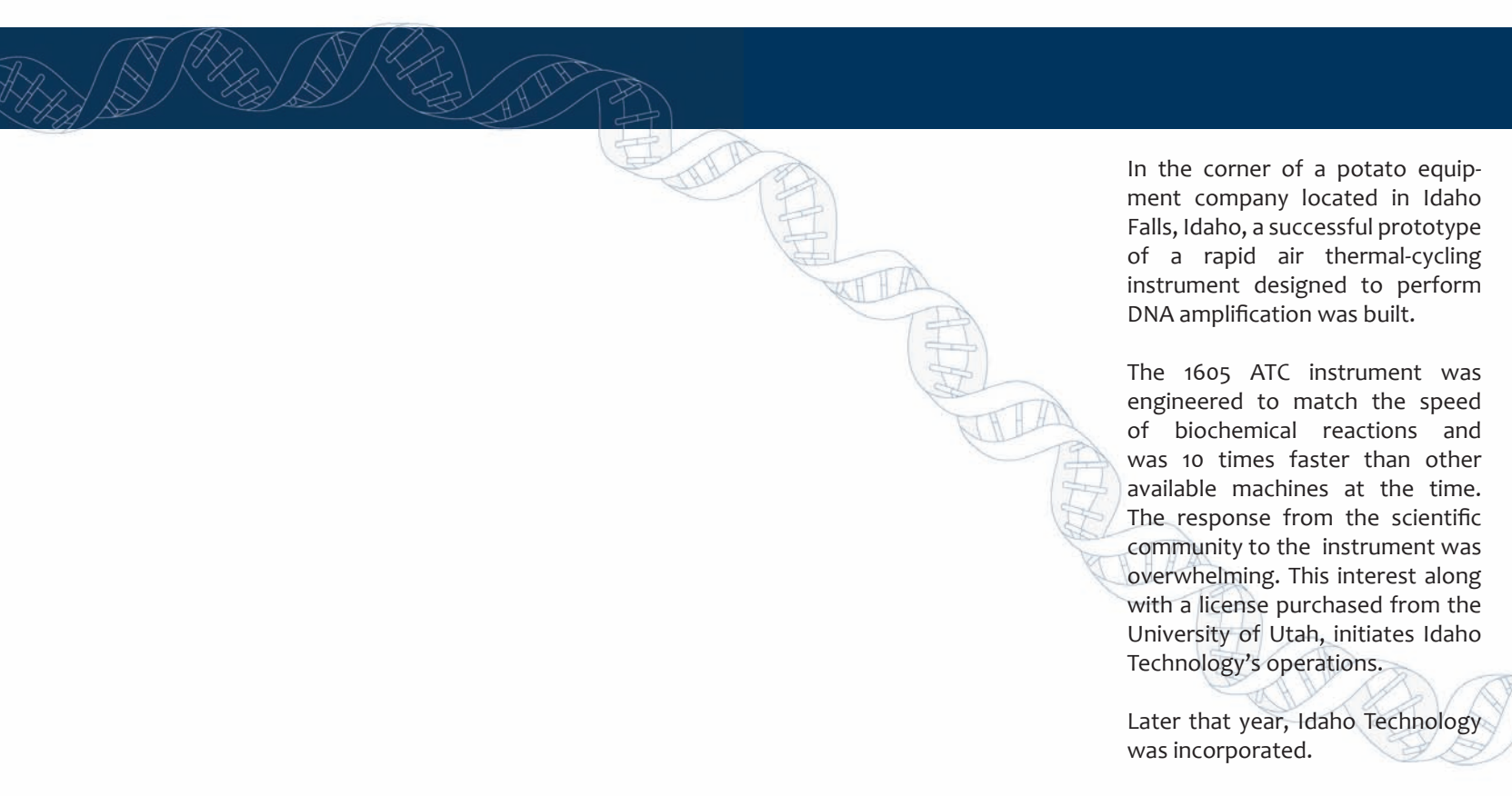
Innovation Amplified

Idaho Technology Inc. (ITI) is home to the fastest, highest-quality machines in the world for pathogen identification and DNA analysis; including DNA amplification, real-time PCR, Hi-Res Melting[®], mutation detection, user-friendly multiplex PCR, and genotyping.

As a privately held company for over 20 years, we have been making great strides to ensure that our products remain reliable, user-friendly, and on the cutting edge of innovation.

We are backed by a remarkable network of corporate and academic relationships and a growing number of committed and talented team members.





In the corner of a potato equipment company located in Idaho Falls, Idaho, a successful prototype of a rapid air thermal-cycling instrument designed to perform DNA amplification was built.

The 1605 ATC instrument was engineered to match the speed of biochemical reactions and was 10 times faster than other available machines at the time. The response from the scientific community to the instrument was overwhelming. This interest along with a license purchased from the University of Utah, initiates Idaho Technology's operations.

Later that year, Idaho Technology was incorporated.

1990



1605 ATC





In February of 1995, ITI introduced the RapidCycler, a new version of capillary based temperature cycling. This upgraded instrument held 48 sample tubes, provided improved temperature and noise controls and stored 99 cycle programs.

In 1996, following the commercial success of ITI's high-speed thermal-cycling devices, ITI launched the LightCycler[®] instrument, a rapid thermal-cycler with a built-in fluorescence detection system for real-time gene quantification. This instrument held 24 capillary tubes and a thermal-cycler that was capable of real-time fluorescence monitoring. The LightCycler instrument allowed users to complete

1991 to 1997

typical DNA amplification reactions and analyze the results in less than 30 minutes.



Rapid Cycler

That same year Roche Molecular Biochemicals selected the Light-Cycler instrument as their PCR platform.



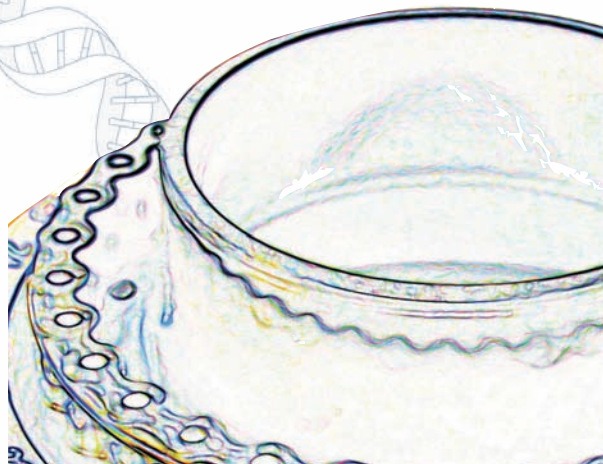
LightCycler

And in 1997, Idaho Technology sublicensed the technology to Roche Diagnostic GmbH, entering into a multiyear research agreement to develop innovative new products.





Two years later ITI worked closely with the U.S. Air Force to develop the Ruggedized Advanced Pathogen Identification Device (R.A.P.I.D.[®]), the world's first ruggedized pathogen identification instrument.



1999

A panel of freeze dried reagents was developed for the US Air Force to support the R.A.P.I.D. system. These anthrax reagents are stored at room temperature and are easy to use. Kits include all necessary components for PCR. For the first time, users have the ability to get high quality results in a wide variety of field conditions.



R.A.P.I.D.

This same year, ITI moved to the University of Utah Research Park, in Salt Lake City, Utah.



Freeze dried reagents





2001 to 2002

In 2001 the “Indy” instrument, a personal air thermal-cycler, was licensed to Roche Applied Science receiving rave reviews from users.

Immediately following the attacks of September 11th, ITI became the leading supplier of anthrax tests and instruments to first responders in New York City and Washington D.C. The R.A.P.I.D. system and full line of freeze-dried reagents were considered critical in the response to the anthrax attacks.

IT BioChem was created as a division of ITI for oligonucleotide manufacturing.

US Patent 6,174,670 “Monitoring Amplification of DNA During PCR” issued on Jan 16th, 2001. This was the first patent to issue in ITI’s LightCycler portfolio.

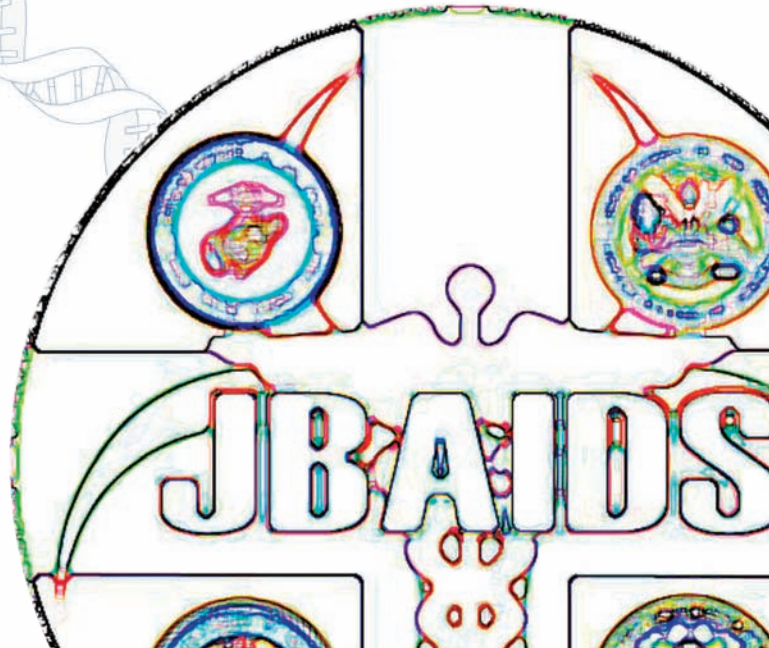
In 2002 the LightTyper[®], was licensed to Roche. The LightTyper was a low cost instrument for high throughput single-nucleotide polymorphism analysis and genotyping.



Indy



LightTyper



2003

In 2003, ITI secured the Joint Biological Agent Identification and Diagnostic System (JBAIDS) contract. This contract designated ITI as the sole provider of PCR based detection systems for biothreat agents to the U.S. Armed Forces for at least four years.

High-resolution melting (Hi-Res Melting[®] or HRM) analysis was invented. The HRM technology enables very subtle differences in DNA sequences to be detected with less effort. The HR-1[™] was introduced as a companion to the LightCycler to provide Hi-Res Melting using the popular capillary format.

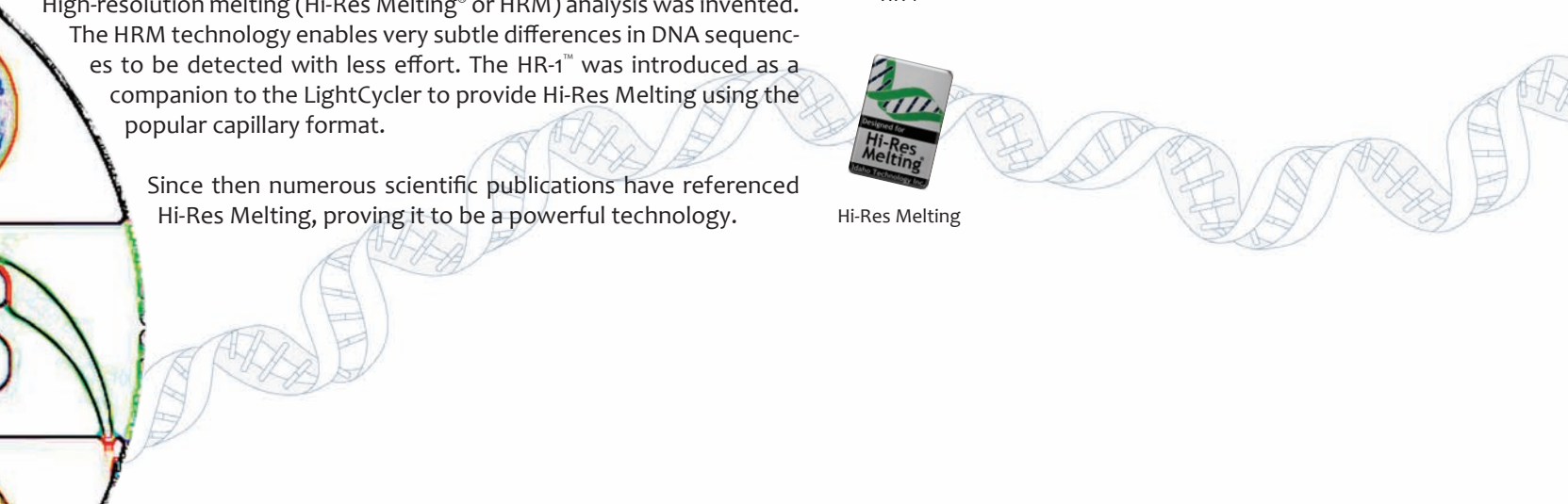
Since then numerous scientific publications have referenced Hi-Res Melting, proving it to be a powerful technology.



HR-1



Hi-Res Melting



2004 to 2005

2004 marked the launch of the RAZOR™, a rugged, portable real-time PCR instrument that enables biothreat detection and identification of pathogens at the incident scene. The RAZOR was co-developed with the U.S. Department of Defense and presently ITI continues to supply instruments to the U.S. Armed Forces, international militaries, first responders, and private security.



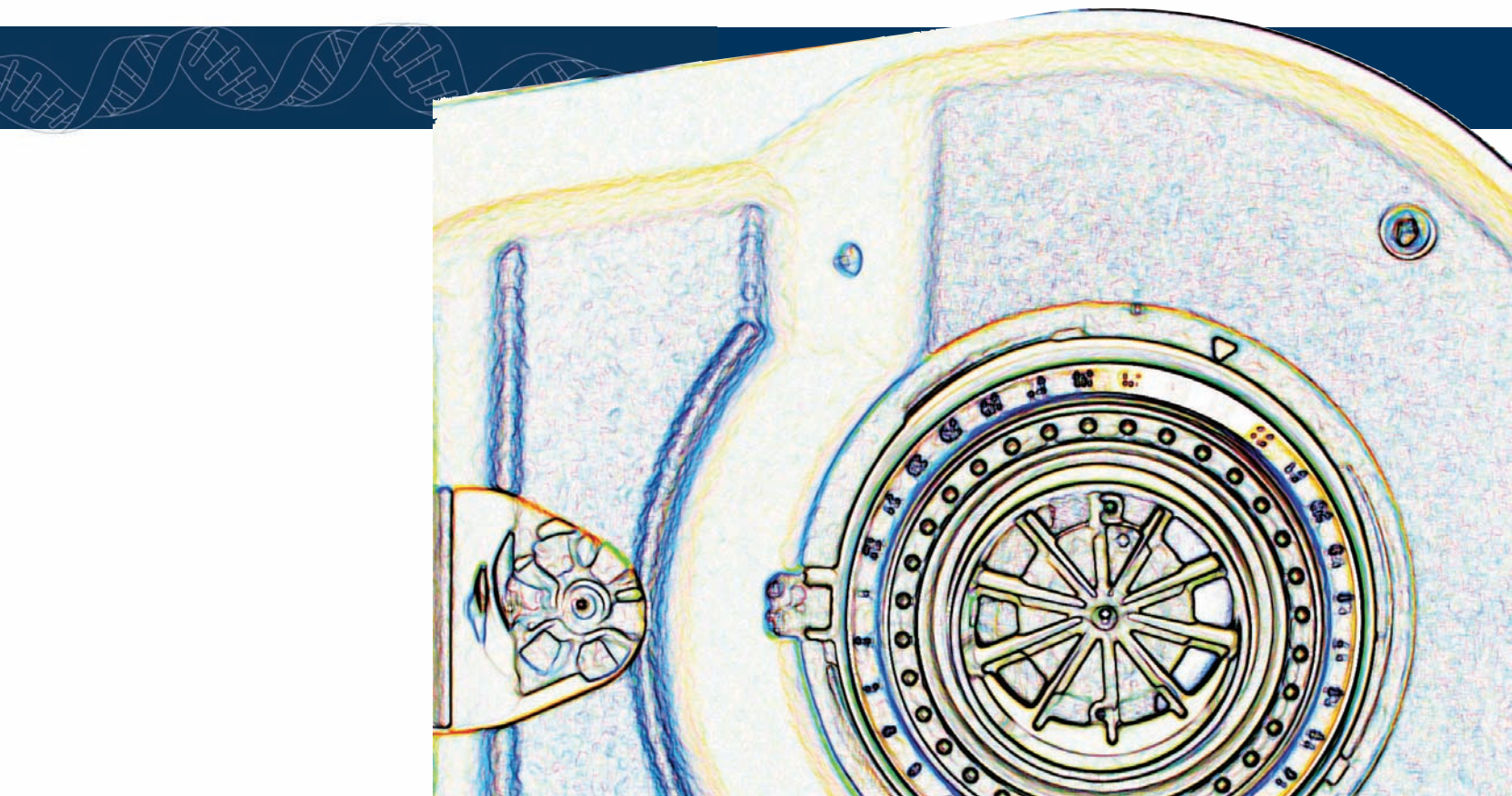
RAZOR

In 2005, the LightScanner® was introduced as a high-throughput stand-alone plate-based Hi-Res Melting system. Hi-Res Melting has enabled many discoveries in cancer research, human genetic disorders, commercial crop improvements, and ecologically important population studies at reduced cost.

Idaho Technology's JBAIDS system and Anthrax Detection Kit received FDA approval in 2005. These are the first of many commercial *in vitro diagnostic* products.



LightScanner



2007

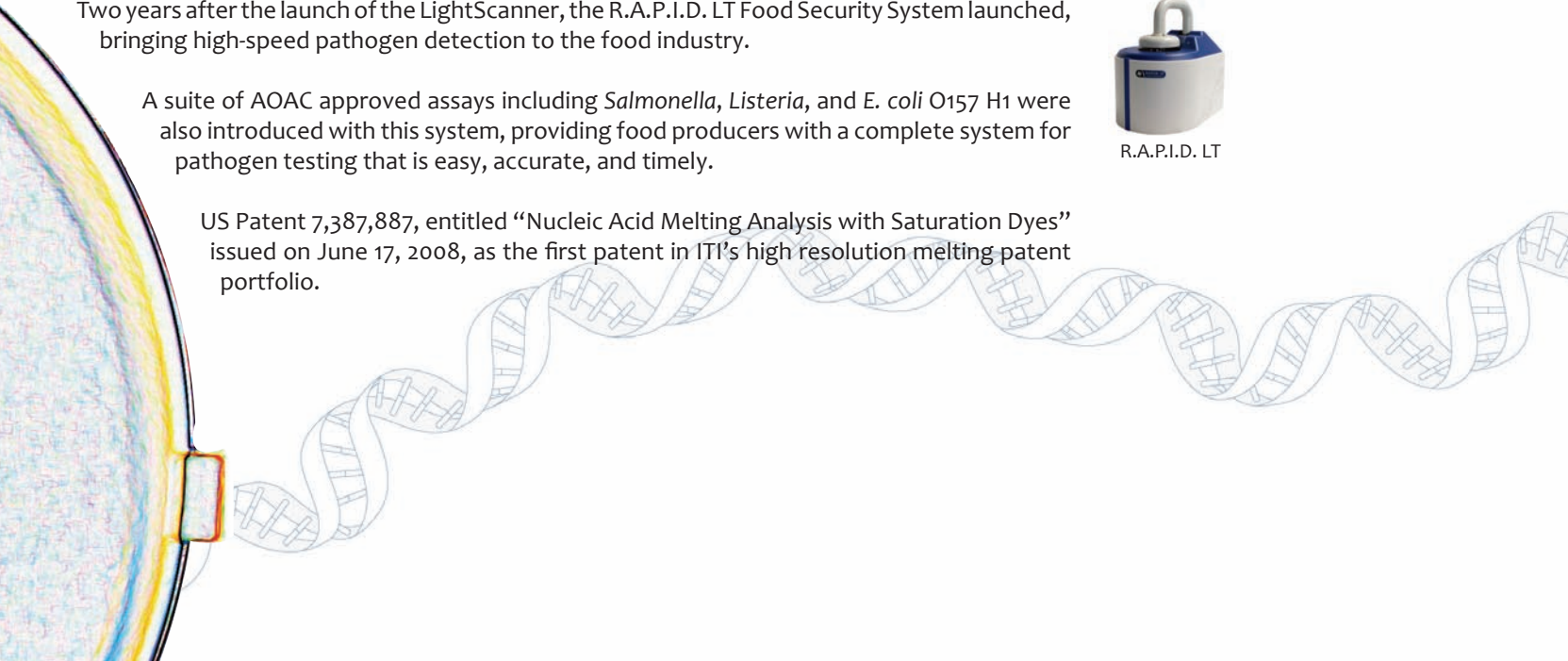
Two years after the launch of the LightScanner, the R.A.P.I.D. LT Food Security System launched, bringing high-speed pathogen detection to the food industry.

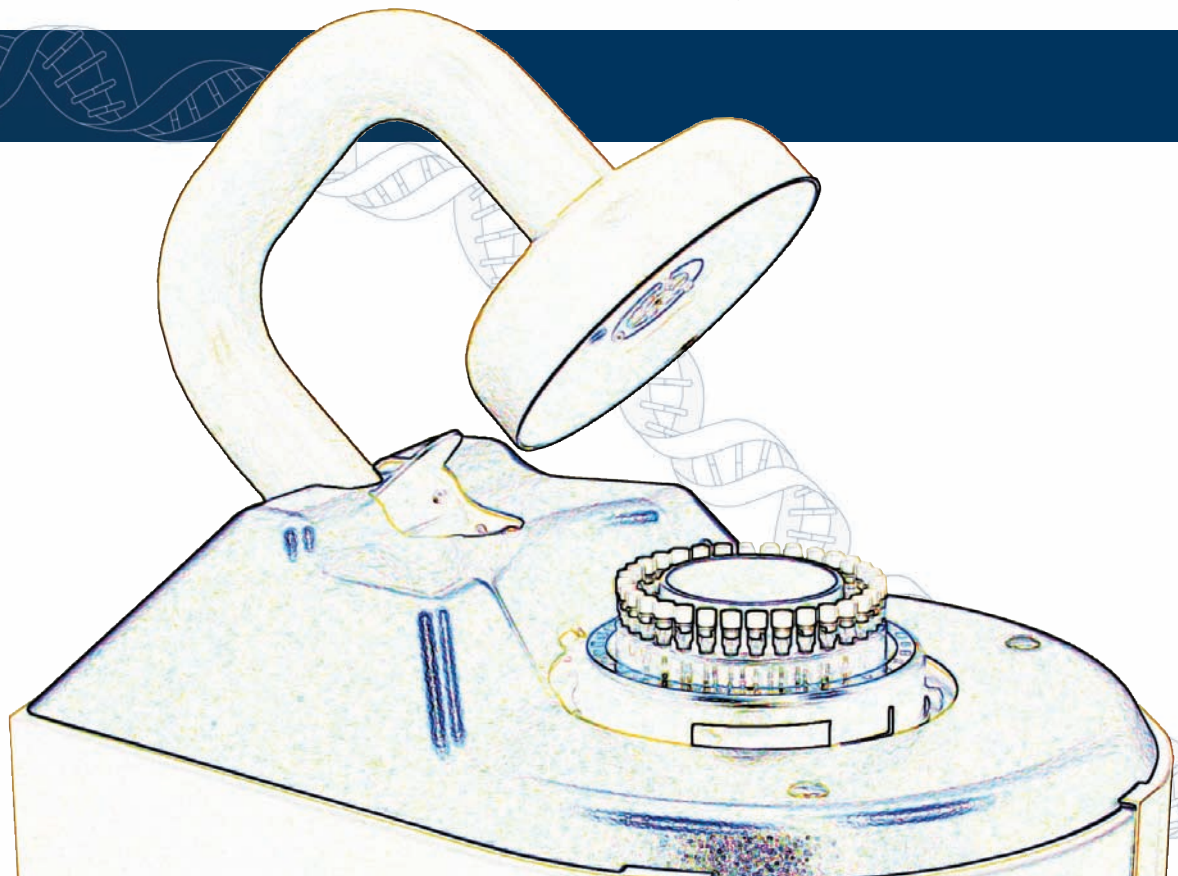
A suite of AOAC approved assays including *Salmonella*, *Listeria*, and *E. coli* O157 H1 were also introduced with this system, providing food producers with a complete system for pathogen testing that is easy, accurate, and timely.

US Patent 7,387,887, entitled “Nucleic Acid Melting Analysis with Saturation Dyes” issued on June 17, 2008, as the first patent in ITI’s high resolution melting patent portfolio.



R.A.P.I.D. LT





2008 to 2009

In 2008 the RAZOR was upgraded to the RAZOR EX and released for commercial sale. This upgrade improved the original RAZOR instrument with the addition of a color screen and other ease-to-use features. The Ten[®] Target Pouch also launched in 2008. The 10[®] provides reagents for the ten most prevalent biothreat pathogens (Anthrax, Brucella spp., Botulism A, Coxiella, E. coli O157, Tularemia, Ricin, Salmonella, Smallpox, and Plague) in an easy-to-use, field deployable reagent pouch.

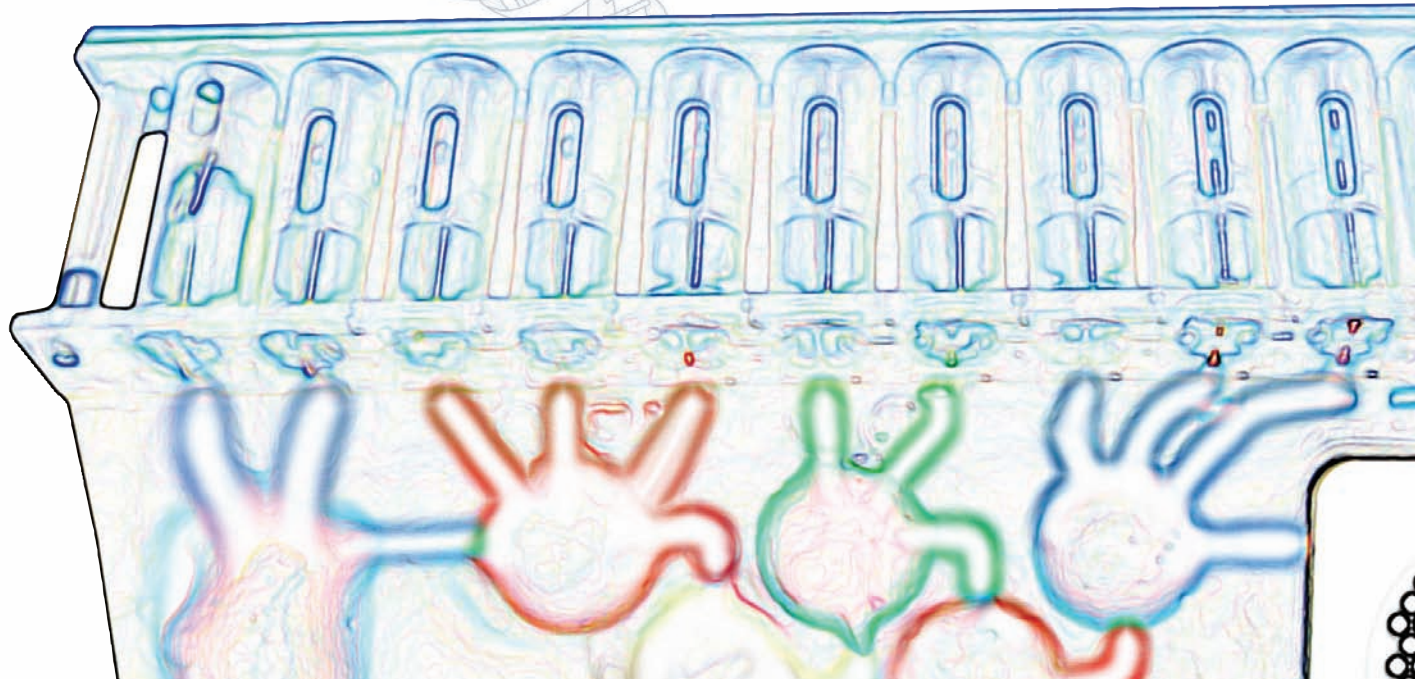


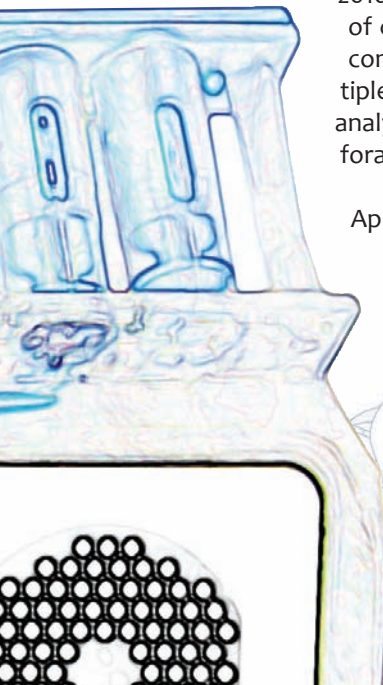
LS 32

During 2009 ITI delivered the LightScanner 32 to the life science market. This instrument combines the fastest real-time PCR instrument with the most accurate Hi-Res Melting system.



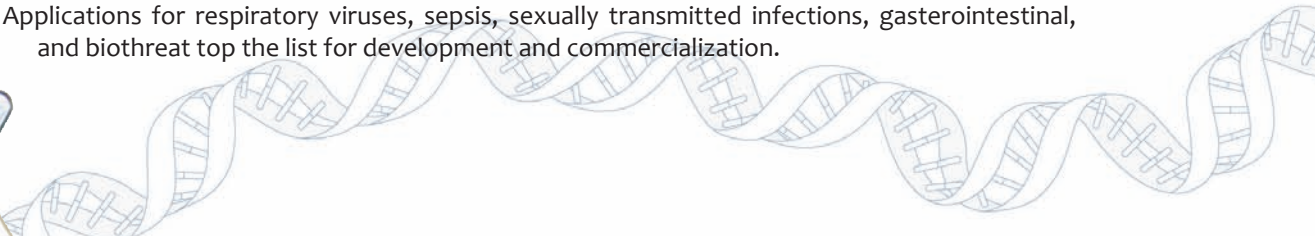
RAZOR EX





2010 Idaho Technology Inc. marks its 20th anniversary milestone as well as the commencement of clinical trials for the FilmArray® Respiratory Panel. The FilmArray is ITI's first instrument that completely integrates all the processes required to simultaneously analyze a sample for multiple nucleic acid targets, including sample preparation, reverse transcription, PCR, detection, and analysis. The FilmArray also proves ITI's commitment to transform medicine and marks a major foray into clinical diagnostics.

Applications for respiratory viruses, sepsis, sexually transmitted infections, gastrointestinal, and biothreat top the list for development and commercialization.



FilmArray



A Brilliant Future

Tomorrow

Today, Idaho Technology Inc. continues to develop exciting new instruments, software, and chemistries for life science researchers and medical technicians, in addition to the U.S. Military, Department of Defense, and Homeland Security agencies who use ITI's devices to detect or study disease-causing organisms.

Please visit our web site at www.idahotech.com for all the latest news, exciting information, and to learn more about ITI's technology licensing program.



**Idaho
Technology
Inc.**

Innovation Amplified



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For licensing information e-mail licensing@idahotech.com.

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