



Applied DNA Sciences to Mark Yorkshire Textiles and Fabrics with SigNature DNA
Possible Three Year Collaboration with Textile Centre of Excellence Consortium of Companies
in Yorkshire, U.K.

STONY BROOK, N.Y., September 09, 2008 /Business Wire/ -- Applied DNA Sciences, Inc. (OTC Bulletin Board: APDN), a provider of DNA-based security solutions, today announced that it will utilize its proprietary SigNature™ DNA to mark Yorkshire Textiles and Fabrics in collaboration with the Textile Centre of Excellence consortium of companies. The first phase of this collaboration will demonstrate how SigNature™ DNA can be used to authenticate textiles at all points of the supply chain through to the end user. In addition, this project will demonstrate the integration of SigNature™ DNA with existing manufacturing processes to produce threads, labels and fabrics manufactured by Yorkshire-based companies.

This project, funded through the Yorkshire Forward regional development agency, will run from August through December 2008. The initial funding for this project is £50,000, with the potential for more significant funding upon its successful completion in December. The second phase of this project would include APDN's BioMaterial™ Genotyping program for raw fibers such as wool, cashmere, and silk. Three other projects are being simultaneously funded, presenting APDN with additional opportunities to collaborate with Yorkshire textile manufacturers as well as many other Yorkshire based organizations.

"Yorkshire and Humber has a long standing legacy with the textiles industry and Yorkshire Forward – by working with the Textile Centre of Excellence – wants to ensure that the region's experience in this field can be combined with its cutting edge expertise to develop products and processes fit for the 21st century. We are delighted to support the Centre's work with Applied DNA Sciences to mark and authenticate DNA in Yorkshire textiles and fabric," commented Mr. Jim Farmery, Assisted Director for Business, Yorkshire Forward.

The Textile and Apparel industry is diverse and heterogeneous, covering a wide range of products from high-tech synthetic yarns to wool fabrics, from cotton bed linen to outdoor non-woven fabrics and treatments to "haute couture" fabric. Counterfeit textile and apparel items represent a significant and growing problem with many billions of dollars worth of seizures and losses incurred in the UK, USA and around the world. Given the global scale of this problem, there is not only a critical need for suppliers, manufacturers, retailers and brand owners to have a means to determine the authenticity of the products but there is also the need to be able to assure the end-consumer that products throughout the supply chain are 100% genuine.

Bill Macbeth, Managing Director, Textile Centre for Excellence stated, "Yorkshire companies are leading the world in developing technical, performance, and smart textiles and now, the use of botanical DNA **will** forensically authenticate Yorkshire made products. We are very excited to

integrate state-of-the-art technologies to elevate the standard of textiles and apparel made in Yorkshire and used throughout the world.”

Upon successful completion of this initial project, the next stage will be for APDN to develop genetic assays and authentication methodologies to identify thread, labels, textiles and fabric originating from Yorkshire. There may also be potential DNA applications in other Yorkshire industries requiring product authentication. .

Dr. James Hayward, CEO of Applied DNA Sciences commented, "Our experience with the people and companies in Yorkshire has been remarkable. They really understand the importance of authentication at every stage of the manufacturing process. From wool fiber to yarn, a woven label to a finished garment, every stage needs to be protected. Each of our platforms, SigNature™DNA, BioMaterial™ Genotyping and BioActive™ Ingredients, can help provide cost effective, innovative textile driven solutions that protect the quality and craftsmanship of products made in Yorkshire."

About Applied DNA Sciences, Inc.

Applied DNA Sciences product portfolio includes SigNature™ DNA, BioMaterial™ Genotyping and BioActive™ Ingredients. Its SigNature™ DNA encrypted and embedded solutions and BioMaterial™ Genotyping are available to assist in the protection of brands and intellectual property and can be forensically authenticated by machine-readable devices. The company's BioActive™ Ingredients are custom manufactured for use in the personal care industry. APDN's common stock is listed on the Over-The-Counter Bulletin Board under the symbol "APDN".

The statements made by APDN may be forward-looking in nature and are made pursuant to the safe harbor provisions of the Private Securities Litigation Reform Act of 1995. Forward-looking statements describe APDN's future plans, projections, strategies and expectations, and are based on assumptions and involve a number of risks and uncertainties, many of which are beyond the control of APDN. Actual results could differ materially from those projected due to our short operating history, limited financial resources, limited market acceptance, market competition and various other factors detailed from time to time in APDN's SEC reports and filings, including our Annual Report on Form 10-KSB, filed on January 15, 2008 and our subsequent quarterly reports on Form 10-QSB. APDN undertakes no obligation to update publicly any forward-looking statements to reflect new information, events or circumstances after the date hereof to reflect the occurrence of unanticipated events.

SOURCE Applied DNA Sciences, Inc.

/INVESTOR CONTACT: Debbie Bailey, 631-444-8090, fax: 631-444-8848/

/MEDIA CONTACT: Deanne Eagle, Cameron Associates, 212-554-5463/

/FCMN Contact: info@adnas.com /

/Web site: <http://www.ADNAS.com> /
