

**The University of Texas System
Released Inventions Report – 2001**

| Release Date | Name of Inventor(s) | Description or Title of Invention | UT Institution | OGC # |
|--------------|--|--|-------------------------|-------|
| 01/04/2001 | Ta-Jen Liu W.K. Alfred Yung | Modulation of Angiogenesis by E2F-1 in Human Glioma | UTMDACC | 52973 |
| 01/08/2001 | Rolondo Quintana | Continuous Hazard Tracking and Failure Prediction Methodology | UTEP | 52837 |
| 01/18/2001 | William Hanson Matthew Vossler | Minimal-Dimension Buildup Caps for 6 MV and 24 MV X-Ray Beams | UTMDACC | 52815 |
| 01/19/2001 | James Fowler Steven Harder G.R. Keller Kate Miller Paul Passmore | Development of a Small, Light-Weight, Low-Power Seismograph | UTEP | 52836 |
| 01/26/2001 | Morris Boughton | Method of Increasing Wind Power and Decreasing Wind Shear | UTB | NA |
| 01/30/2001 | Elvio Silva | A New Method to Identify Patients Who are at Risk of Developing Breast Cancer | UTMDACC | 53118 |
| 03/29/2001 | Robert Eberhrt Robert Meidell Kevin Nelson Solomon Su | Novel Expandable Biodegradable Polymeric Stents for Combined Mechanical Support and Pharmacological or Radiation Therapy | UTSWMC | 53331 |

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|--------------|--|---|-------------------------|-------|
| 04/09/2001 | Alex Arzoumanidis Kenneth Liechti | Parallel Mount EVRT Extensometer | UTAUS | 53415 |
| 04/18/2001 | Hong Liang Lalitha Nagarajan | A Novel Zinc Finger Gene ZNF277 from a Region of Allelic Imbalance in Tumors | UTMDACC | 53646 |
| 04/18/2001 | Michele L. Donato | Pediatric Adaptation of the UVAR XTS Photopheresis Machine | UTMDACC | 53648 |
| 04/20/2001 | Anthony Salvatore | Endoscopic Visualization of Vocal Fold functions: A tutorial Device | UTEP | NA |
| 04/24/2001 | Mehdi Moini | Design of a Universal Sheathless Capillary Electrophoresis to Mass Spectrometry Interface | UTAUS | 53462 |
| 05/30/2001 | Izabela Fokt Yi-He Ling Roman Perez-Soler Waldemar Priebe Teresa Przewloka | Highly Potent Anthracycline-Based Antitumor Agents **FOREIGN RIGHTS ONLY** | UTMDACC | 53875 |
| 05/31/2001 | Stanley Hamilton Limei Hu Wei Zhang | A New Blocking Mix that Renders Glass-Based cDNA Microarray Hybridization Highly Specific and a cDNA Microarray Design that Allows Evaluation of Hybridization Specificity | UTMDACC | 53874 |
| 06/05/2001 | LuZhe Sun | Methods and Compositions for Inhibiting Angiogenesis Using the Extracellular Domain of Betaglycan **Waived to Government – Inventors decided not to pursue prosecution** | UTHSCSA | 53616 |

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|--------------|--|---|-------------------------|-------|
| 07/02/2001 | Carl Collins Frazin Davanloo | Amorphous Diamond Material Produced by Laser Plasma Deposition | UTD | 53951 |
| 07/02/2001 | Carl Collins Sahas Wagel | Method and Apparatus for Producing a Layer of Material from a Laser Ion Source | UTD | 53953 |
| 07/02/2001 | Werner Montross | System for Labeling and Tracking Test Tubes | UTMDACC | 54001 |
| 07/09/2001 | Garland O'Quinn | Physical Education Remote Control System: A Wrist Mounted Remote Control System for Musical Selection, Volume, Light Intensity and Voice Volume in the Gymnasium Physical Education Setting | UTEP | 53915 |
| 07/10/2001 | Jihong Wang | A New Concept and Software to Perform Image Quality Assurance and Control in Digital Images Displayed on Computer Monitors | UTSWMC | 9992 |
| 07/12/2001 | Preston Boone Landon | The Self Assembly of PD Latex and Silica Colloidal Spheres into Rock Salt Face Centered Cubic, Body Centered Cubic and Cubic Photonic Crystals | UTD | 53965 |
| 07/12/2001 | Charles Montgomery, Jr. | Basic Token Invention | UTD | 53964 |
| 07/25/2001 | David Sirbasku | Secretory Immune System Regulation of Breast and Prostate Cancer Growth | UTHSCH | NA |
| 08/01/2001 | Erasmio Lopez Francisco Medina Rolando Quintana Ryan Wicker | Method for Manufacturing In-Utero Fetus Faces Using Rapid Prototyping from Tomographic Data | UTEP | 53877 |

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|--------------|--|---|-------------------------|-------|
| 08/07/2001 | Albert Deisseroth Wei-Wei Zhang | Use of Temperature-Sensitive p53 Mutant 143Ala as an Inducible System | UTMDACC | 54194 |
| 08/07/2001 | Okat Nyormoi Zhi Wang | Identification of a Novel Caspase-6 Cleavage Sequence in Transcription Factor AP-2 | UTMDACC | 54196 |
| 09/06/2001 | Mary Jacks | Hands-Free HVE Adaptor | UTHSCSA | 54343 |
| 09/06/2001 | Kenneth Balkus Alexei G. Gabrielov | Synthesis of Novel Molecular Sieves Using a Metal Complex as a Template | UTD | NA |
| 09/14/2001 | Fred L. Fifer | An Educational Device | UTD | 54401 |
| 09/17/2001 | Timothy Riedel | Microtiter Plate Low Temperature Station | UTAUS | 54283 |
| 09/27/2001 | Srinivasan Raghunathan H. Fred Tibbals | Method and Process for Crystal Growth Vapor Pressure Variation | UTSWMC | 54411 |
| 10/31/2001 | Gilberto Contreras David Dils Xavier Villanueva, Jr. Tony Woo | Integrated Emergency Vehicle Warning and Control System | UTEP | 54609 |
| 11/16/2001 | Alan Rauch | A Laser-based Scanning System (LSS) for Characterizing the Size and Shape Properties of Irregular Particles | UTAUS | 54643 |
| 11/06/2001 | Carl Collins Farzin Davanloo | Naophase Diamond Films | UTD | 54668 |
| 11/06/2001 | Carl Collins Farzin Davanloo | Amorphous Diamond Material Produced by Laser Plasma Deposition | UTD | 54672 |

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|--------------|--|---|-------------------------|-------|
| 11/06/2001 | Carl Collins Suhaz Wagal | Method and Apparatus for Producing a Layer from a Laser Ion Source | UTD | 54673 |
| 11/06/2001 | Carl Collins Farzin Davanloo | Nanophase Diamond Films | UTD | 54676 |
| 11/07/2001 | Kamran Kiasaleh | Interferometric, Self-Homodyne Optical Receiver and Method and Optical Transmission System Incorporating Same | UTD | 54669 |
| 11/07/2001 | Warren Goux | Enzymatic Synthesis of Isotopically Labeled Carbohydrates | UTD | 54670 |
| 11/07/2001 | Dale Byrne Duncan MacFarlane | Beam Alignment Device and Method | UTD | 54675 |
| 11/07/2001 | David Harper Darel Linebarger | Dynamic Address Mapping for Conflict-Free Vector Access | UTD | 54678 |
| 11/13/2001 | Radek Bulkowski Gayle Olson George Saade | Transvaginal Ultrasound Probe Cover for Fluid Instillation | UTMB | 54710 |
| 12/13/2001 | Subrata Sen Hongyi Zhou | Probes to Tumor Amplified Kinase | UTMDACC | 54821 |
| 12/31/2001 | Yi Hong Zhou | Novel Approach for Discovery of Novel PAX6 Target Sites in Human Genome | UTMDACC | 55017 |