

is to greatly improve casualty care in combat situations, where medics are unable to effectively monitor injured soldiers' conditions. Current medical triage monitors and vital signs data tracking tools are complex, heavy, and have numerous wires with bulky connections. WiMed prototypes have successfully demonstrated a comprehensive leap ahead in critical care by linking all patient care within the same wireless systems and platforms already in service. The \$1.6 million provided in FY09 funding will accelerate comprehensive clinical evaluations and speed deployment to the troops. Once placed with a patient, WiMed can be kept on patients throughout triage and subsequent care. The self-contained WiMed works with standard blood pressure cuffs and a simple highly mobile forehead stick-on sensor, integrating pulse oximetry, blood pressure, temperature, skin humidity, and electrocardiograms into a single unit. The patient's condition is also broadcast via Wi-Fi technology using common Windows-based software. 25% of the funding will be used for software and equipment upgrades, 20% for production design, 25% for certification testing, and the remaining 30% for manufacturing start-up.

Requesting Member: Congressman TOM LATHAM.

Bill Number: H.R. 2638, the Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009. Division C—Department of Defense Appropriations Act.

Account: Research, Development, Test And Evaluation, Defense-Wide.

Project Name: HyperAcute Vaccine Development.

Legal Name of Requesting Entity: Bio-Protection Systems Corporation.

Address of Requesting Entity: 2901 South Loop Drive, Suite 3360. Ames, IA 50010.

Description of Request: It is generally recognized and accepted by the Congress, the Administration and the Intelligence Community that Chemical/Biological attacks on The United States are not only possible, but likely. Although millions of dollars have been spent on Biological Defense over the past several years, only a handful of vaccines/medications have been developed to counter known threats. Unfortunately, most have proven to be weak and impractical to administer because they require multiple doses for protection or treatment. Importantly, these vaccines would not protect against genetically engineered biological weapons, which are relatively easy to produce. BioProtection Systems Corporation will utilize its HyperAcute technology to (1) enhance current vaccines, making them more effective and practical for use, (2) generate vaccines for known threats where a vaccine does not exist, and (3) develop a vaccine platform for unknown agents. FY09 funding will continue the development program for a HyperAcute vaccine candidate selected by the Department of Defense to satisfy existing military requirements. The \$2.4 million appropriation funds the second year in a three-year development plan. 50% of the funding will be used to improve existing HyperAcute vaccine technology through BSL-4 level pre-clinical testing to meet FDA efficacy standards for bio-defense vaccines. The remaining funding will be used to develop and test new vaccines based on this technology.

Requesting Member: Congressman TOM LATHAM.

Bill Number: H.R. 2638, the Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009. Division C—Department of Defense Appropriations Act.

Account: Research, Development, Test And Evaluation, Defense-Wide. Project Name: Portable Rapid Bacterial Warfare Detection Unit.

Legal Name of Requesting Entity: Advanced Analytical Technologies, Inc.

Address of Requesting Entity: 2901 S. Loop Drive, Suite 3300, Ames, IA 50010.

Description of Request: Bacterial warfare agents present a real and immediate threat to our deployed troops. The introduction of a pathogenic contaminant into a military base water supply poses a catastrophic, yet highly preventable scenario. The project objective is to develop a fast, portable detection device to identify these contaminants and prevent or limit exposure. FY06 and FY07 project funding was used to establish a rapid and reliable method for detecting single bacterial cells. FY08 funding will be used to optimize and streamline the DNA profiling system used in the device. This funding will also be used to build a library that houses profiling sequences of target DNA that correlate to Biological Warfare (BW) agents such as anthrax. This will allow rapid identification of any threatening water contaminants. The BW organisms are classified as BSL-3 agents or higher and require manipulation in a certified containment facility like that at Aberdeen Proving Ground. FY09 funds will be used to re-engineer the system to a miniaturized, portable instrument better suited for field deployment. This system will be deployable and easy to operate, providing a tool for protecting our troops.

Requesting Member: Congressman TOM LATHAM.

Bill Number: H.R. 2638, the Consolidated Security, Disaster Assistance, and Continuing Appropriations Act, 2009. Division C—Department of Defense Appropriations Act.

Account: Research, Development, Test And Evaluation, Navy.

Project Name: Galfenol Energy Harvesting.

Legal Name of Requesting Entity: ETREMA Products, Inc.

Address of Requesting Entity: 2500 North Loop Drive. Ames, IA 50010.

Description of Request: The U.S. Navy has a goal of reducing the crew sizes of its various vessels. The chief strategy is the use of remote sensors to monitor areas normally covered by personnel standing watch. Remote sensors would communicate information to a central processing station using a wireless network and thereby avoid adding the weight and complexity of additional wiring. The challenge is that each of these sensors requires a battery to operate, which adds to the maintenance demand and cost. Galfenol, a new smart-materials technology being developed by the U.S. Navy and ETREMA Products of Ames beginning in FY08, has the potential ability to be the solution by generating electricity directly from energy produced by vibrations of a ship's hull during the course of normal operations. FY09 research and development funding will be used to advance the capability of Galfenol material fabrication and the design of small, efficient energy harvesting electronics that can harness the material's capability.

COMPREHENSIVE AMERICAN ENERGY SECURITY AND CONSUMER PROTECTION ACT

SPEECH OF

HON. MARIO DIAZ-BALART

OF FLORIDA

IN THE HOUSE OF REPRESENTATIVES

Tuesday, September 16, 2008

Mr. MARIO DIAZ-BALART of Florida. Mr. Speaker, the Comprehensive American Energy Security and Consumer Protection Act increases regulation and continues to limit production of abundant American energy resources. This legislation follows the Majority's typical path of runaway spending, higher taxes, and more red tape for domestic energy production:

This legislation deepens our dependence on foreign oil by permanently banning production of 97 percent of the 10.5 billion barrels off the coast of California, and over 85 percent of American's energy resources.

It contains no revenue sharing provision, thus giving states a major disincentive to agree to off-shore drilling. It also prohibits drilling in areas where experts say most of the energy resources is known to be found.

H.R. 6899 imposes a massive tax increase of \$17.7 billion over 10 years on companies engaged in domestic energy production. At this time of economic uncertainty, increasing taxes does nothing but threaten millions of American jobs. By raising costs on domestic production, consumers can expect the higher taxes to be passed down to them. This measure would limit efforts to expand American energy supplies, which ensures further dependence on Hugo Chavez and unstable Middle Eastern nations for their sources of oil.

I cannot support a bill that says no to clean coal, no to nuclear and no to new refineries.

Energy is the critical issue of our time, and this Democratic Congress refuses to let the House engage in and debate a real, meaningful energy bill that actually produces energy. We need a vigorous energy policy that relies on American resources for American energy while growing our economy and creating countless new jobs.

The American people expect and deserve better. This country needs a serious, aggressive, all-of-the-above energy plan that will lead us to energy independence, not a hoax of an energy bill.

COMPREHENSIVE AMERICAN ENERGY SECURITY AND CONSUMER PROTECTION ACT

SPEECH OF

HON. SHEILA JACKSON-LEE

OF TEXAS

IN THE HOUSE OF REPRESENTATIVES

Tuesday, September 16, 2008

Ms. JACKSON-LEE of Texas. Mr. Speaker, I rise today in strong support of H.R. 6049, the Renewable Energy and Job Creation Tax Act of 2008. This legislation is a timely, necessary, and comprehensive approach to addressing our energy crisis. I support efforts to extend the expiring business tax provisions. Opponents of H.R. 6049 are concerned that the House Amendment to the Senate Amendment to this bill would permanently increase taxes

on businesses to pay for a temporary, one-year extension of expiring business tax provisions. I fail to see the merits of the opponent's contention and I believe that the benefits far outweigh any potential costs. Given the circumstances, the American economy is spiraling downward, energy prices are high, and unemployment is high, some kind of relief must be granted. To the extent that this body can grant some kind of relief, it is to be supported. I urge my colleagues to support this legislation. I am committed to working with industry actors to make sure that some balance is struck in the future.

The following are provisions that are widely supported by various interest groups:

Extension of Expired and Expiring Business Tax Provisions—Legislation is urgently needed to extend critically important provisions. A number of provisions—such as the R&D credit, the election to deduct state and local general sales tax, and the railroad track maintenance credit—already have expired. Others—such as the exception under subpart F for active financing income and the look-through treatment of payments between related controlled foreign corporations (CFCs) under the foreign personal holding company rules—expire at the end of this year.

Clean Energy Tax Incentives—The extension of the clean energy tax incentives. These incentives will go a long way toward the development of the renewable and alternative energy technologies essential to America's energy future. The Chamber believes it is critical to promote the responsible use of all energy sources. To reach this goal, government and business should support investment in new technologies that expand alternative energy and enable traditional sources of energy to be used more cleanly and efficiently.

Some business interests have concerns with revenue offset provisions included in the House Amendment to the Senate Amendment to H.R. 6049, including those related to:

Punitive Oil and Gas Taxes—Businesses claim that Congress must be mindful of the crosswinds hitting the American economy from the financial sector to the housing sectors. Many believe tax increases on the oil and gas industries are out of sync with an American economy showing great demand for increased domestic energy production, which could provide the opportunity for the energy industry to add a significant number of high-wage jobs. Many are concerned with provisions that would freeze the section 199 deduction for oil and gas companies. This change would discourage energy investment, resulting in the loss of jobs, a decrease in the supply of oil and gas, and an increase in the costs for businesses that rely on oil and gas.

Many businesses interest groups are also concerned with the proposed modification of the foreign tax credit rules for oil and gas companies, as this change would place domestic firms at a competitive disadvantage to foreign oil and gas manufacturers.

FUTA Surtax—Some businesses are concerned with the proposed extension of the FUTA surtax, which was added to the tax code in 1976 as a temporary measure and should have been allowed to expire long ago, having outlived the purposes and term that served as the rationale for its enactment.

Nonqualified Deferred Compensation—Some acknowledges that tax deferred plans used by offshore partnerships are created as

part of complex legal agreements between managers and limited partners who are usually passive foreign investors. Foreign investors utilize these deferral arrangements to better align the interests of the manager with the investors. Altering these economic arrangements could cause these investments to migrate to other countries.

I will end, as I began. I believe that this bill is solid and makes great strides toward providing relief to the American people. I support this bill, and I am committed to working with industry and businesses to make sure that their concerns are heard and addressed.

I urge my colleagues to support this bill.

PAUL D. WELLSTONE MUSCULAR DYSTROPHY COMMUNITY ASSISTANCE, RESEARCH, AND EDUCATION AMENDMENTS OF 2008

HON. BETTY McCOLLUM

OF MINNESOTA

IN THE HOUSE OF REPRESENTATIVES

Tuesday, September 23, 2008

Ms. McCOLLUM of Minnesota. Mr. Speaker, I rise today in strong support of H.R. 5265, the Paul D. Wellstone Muscular Dystrophy Community Assistance, Research and Education (MD-CARE) Amendments Act of 2008. This legislation is named in tribute to Minnesota Senator Paul Wellstone whose work on behalf of the vulnerable was well-known and well-respected.

Muscular dystrophy is a degenerative genetic disease which affects over 300,000 individuals in the United States. The original MD-Care Act authorization introduced by the late Senator Wellstone was signed into law in December 2001. This bill established six centers of excellence, created a Muscular Dystrophy Coordinating Committee (MDCC) to support research and education on muscular dystrophy, and expanded education programs for muscular dystrophy at the Centers for Disease Control and Prevention (CDC).

H.R. 5265 continues the momentum from the original legislation. This legislation officially names the Centers of Excellence the Paul D. Wellstone Muscular Dystrophy Cooperative Research Centers to honor Senator Wellstone's work. In addition, this bill ensures that data collection at the CDC is updated regularly, and that information is distributed to targeted audiences.

I urge my colleagues to join me in voting for this important bill.

NATIONAL DAY OF THE REPUBLIC OF CHINA (TAIWAN)

HON. GUS M. BILIRAKIS

OF FLORIDA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. BILIRAKIS. Madam Speaker, October 10th marks the National Day of the Republic of China (Taiwan). Taiwan's transformation into a vibrant democracy has enabled its people to flourish economically and socially. Taiwan is now one of the world's leading economic powers and champions of human rights and the rule of law.

To help us celebrate the extraordinary accomplishments of our friends in Taiwan, I urge

my colleagues to support Taiwan's latest request that the United Nations General Assembly allow Taiwan to participate meaningfully in the activities of United Nations specialized agencies. I know leaders in Taiwan have worked tirelessly for Taiwan's participation in the United Nations. Taiwan's participation in the international system is vital to the health and welfare of the people of Taiwan and will certainly encourage cross-strait dialogue and will promote a permanent peace in the Asia-Pacific region.

Madam Speaker, congratulations to the people of Taiwan, their president, Mr. Ma Ying-jeou, and their Washington representative: Ambassador Jason Yuan. Ambassador Jason is an experienced diplomat and we look forward to his participation in the ongoing friendship and alliance between our nations.

EARMARK DECLARATION

HON. DANIEL E. LUNGREN

OF CALIFORNIA

IN THE HOUSE OF REPRESENTATIVES

Wednesday, September 24, 2008

Mr. LUNGREN. Madam Speaker, I submit the following:

Department of Defense:

Feature Size Yield Enhancement DMEA's Advanced Reconfigurable Manufacturing for Semiconductors (ARMS) Foundry.

Funding will allow the ARMS fabrication technology to develop methods to produce microcircuits with increased functional density of components. (\$2,000,000).

Technikon, LLC—Renewable Energy Testing Center.

The Renewable Energy Testing Center (RETC) objective is to provide the State of California and Department of Defense with an independent "Underwriters Laboratory" resource for evaluating the performance of renewable energy and renewable fuel production technologies. RETC will provide metrics on robustness, safety, energy efficiency, environmental effectiveness, and other key parameters of these technologies needed for successful commercialization. (\$1,600,000)

Jadoo—Fuel Cell Power System—USSOCOM.

In order to expedite fielding of the IFS-24, Jadoo requests funding to progress the development of the IFS-24 to a TRL-8 and deliver 50 qualification units for field qualification testing by the US Armed Forces by December 2009. (\$800,000)

American Burn Association—Military Burn Trauma Research Program.

The program is intended to foster collaboration between military and civilian burn surgeons and researchers and to identify best practices to ensure better treatment and outcomes for military burn patients, specifically improved clinical outcomes for combat burn casualties. (\$4,000,000)

Department of Homeland Security:

Rio Vista Disaster Emergency Operations Center (EOC) Upgrade

The program is intended to provide phone lines, computer connections, and up to date audio-visual terminals in order to facilitate communication with regional, State and Federal entities in disaster emergencies. (\$150,000)