

and dedicated themselves to "Tikkun Olam," the Jewish belief in the responsibility to "repair the world" and leave it a better place for future generations. Their steadfast commitment to Tikkun Olam is nowhere more evident than in their work together at Energy Conversion Devices (ECD), the materials technology company they founded in Troy, Michigan in 1960 when they joined their lives together.

Stan, a self-taught inventor/scientist who never attended college, began working in the field of amorphous and disordered materials in 1955, when the scientific community regarded them as of little scientific interest. Iris, who has a PhD in biochemistry, joined him in his work after they met. Stan and Iris proved that these materials were of great value scientifically and technologically. Stan's initial paper describing their properties has become one of the five most cited publications in the history of the prestigious *Physical Review Letters*. That and subsequent papers, some co-authored with Iris, led to a new field of scientific study.

From the beginning, Stan and Iris understood the significance of their discoveries. They saw a future in which new engineered materials could be used to improve people's lives, solve societal problems and build new industries. They committed themselves and ECD to that vision and never wavered from it. Always on the cutting edge, often ahead of their time, they have stayed the course. Today, ECD holds over 350 active U.S. patents and over 800 corresponding foreign patents. Amorphous semiconductors and other engineered amorphous and disordered materials are now widely used in an array of products, many of which have been developed and commercialized at ECD.

Three technologies exemplify the Ovshinskys' ingenuity and commitment to their vision:

**Amorphous Silicon Photovoltaics (PV):** The Ovshinskys were determined to develop a practical and affordable method of generating electric power from the sun, and pioneered the use of amorphous silicon materials to reduce materials costs and energy used in a highly innovative roll-to-roll solar cell production process. Award winning products using their technologies are already in the marketplace.

**Ovonuc Nickel Metal Hydride Batteries:** The "Ovonuc" battery is a high performing, nontoxic rechargeable nickel metal hydride (NiMH) battery. NiMH batteries are replacing nickel cadmium batteries used in portable electronic devices. Determined to develop products of benefit to society, the Ovshinskys led their company into developing the battery for advanced vehicle technologies to ease growing concerns over air pollution. NiMH batteries are the advanced electric vehicle battery of choice of major auto manufacturers.

**Computer Information Storage Materials and Devices:** The phase change erasable semiconductor materials de-

veloped by the Ovshinskys have become the standard in rewritable optical discs. Similar materials employing the same physics show the potential for use in electronic devices that can help the United States recapture its former dominant position in semiconductor memories.

The totality of Stan and Iris's achievements is remarkable. They pioneered a new branch of science and then successfully applied this science to develop new technologies and commercial products having significant impacts on the energy and information industries. Because of their efforts to solve major problems through science and technology, the world will be a better place. Now in their 70s, their work and their commitment continue unabated, as does their obvious love for and delight in one another.●

#### WHEN HISTORY ASKS WHO STOOD UP TO EVIL IN KOSOVO, THE ANSWER WILL BE: NATO

● Mr. DODD. Mr. President, sixty years ago, as Europe moved increasingly close to war, a number of philanthropic organizations came to the aid of those desperately trying to escape the Holocaust. Today, many of those same organizations have turned their attention to helping the latest victims of genocide. The American Jewish Committee, for example, has raised over \$800,000 in humanitarian aid for the Kosovar refugees.

As in World War II, these organizations recognize that they cannot stop the genocide without support from the world community. In the case of Kosovo, that means that NATO has had to bring its military might to bear on Slobodan Milosevic. This sentiment was poignantly expressed in a recent statement by the American Jewish Committee, one of the organizations actively worked to alleviate both the European genocide of today and that of a generation ago.

Mr. President, I therefore ask that their statement in support of NATO's ongoing efforts be printed in the RECORD.

The statement follows.

#### STATEMENT BY THE AMERICAN JEWISH COMMITTEE

When history asks who stood up to evil in Kosovo, the answer will be: NATO. The world could see the slaughter coming. Diplomats worked furiously to prevent it—and, for a time, succeeded.

But when Yugoslavia's Slobodan Milosevic, in the name of a nationalism run amok, set his army and police at the throat of the ethnic Albanian citizens of Kosovo defying appeals to end the terror and withdraw, one international force had the resolve to stand up to Belgrade's policy of barbarism.

NATO, the guarantor of European security for half a century, rose to the challenge of defending the Kosovo Albanians. Nineteen countries acted in unison to stop the violence against the Kosovars and seek their safe return under international protection.

In this noble mission, NATO must prevail. What is at stake in Kosovo isn't oil or commerce or trading routes. What is at stake are

basic principles: human rights, human dignity, the credibility of deterrence, collective security. With determination and courage, NATO weighed the difficult choices and chose to act—because it was right, because the alternative would give tyrants a green light to terrorize civilian populations and destroy the fabric of international order. We recognize the sacrifice made by each NATO member to arrest evil in Kosovo. In this dark century, witness to unspeakable acts of inhumanity, we applaud the alliance for taking a principled stand.●

#### TRIBUTE TO CHIEF THOMAS C. O'REILLY

● Mr. LAUTENBERG. Mr. President, throughout my career in the Senate I have made the fight against crime one of my top legislative priorities. Consequently, it gives me great pleasure to recognize the career and accomplishments of one of New Jersey's most distinguished public servants, Chief Thomas C. O'Reilly of the Newark Police Department.

For years, the City of Newark has faced many challenges. But I am proud to say today Newark is now a city on the rise. There are many people to thank and recognize for the rebirth of New Jersey's largest city. Today, I would like to thank Chief Thomas C. O'Reilly in particular. Chief O'Reilly has devoted more than four decades of his life to serving the city of Newark as a police officer. His service to the city began on December 10, 1956, when he joined the Police Department. He started as a patrol officer and rose through the ranks to Detective, Sergeant, Lieutenant, Captain, Inspector, Deputy Chief, Chief-of-Staff and finally Police Chief.

Tonight, April 29, 1999, Chief Thomas C. O'Reilly will be honored by the city of Newark and I am happy to join the many voices who will thank him for his career on the front lines of law enforcement. We are indebted to him for his service. Those who follow him as Police Chief have a splendid model of leadership to follow. Chief Thomas O'Reilly's level of commitment and dedication to the safety of Newark's residents represents our nation's finest traditions of community service.●

#### APPOINTMENT

The PRESIDING OFFICER. The Chair announces on behalf of the majority leader, pursuant to Public Law 105-277, the appointment of Delna Jones of Oregon, Representative of Local Government, as a member of the Advisory Commission on Electronic Commerce, vice James Barksdale.

Mr. LOTT. Mr. President, the Internet is nearly a ubiquitous aspect of American life. It goes without saying "electronic commerce"—e-commerce—has become a central aspect for buying products and services. Only two years ago five million households shopped for some product on the Internet. Last year that number doubled. Now the forecast for this year is that