(b) REFERENCES.—Any reference in a law, map, regulation, document, paper, or other record of the United States to the facility referred to in subsection (a) shall be deemed to be a reference to the ''Opha May Johnson Post Office''.

JOSEPH G. DEMLER POST OFFICE

A bill (S. 4126) to designate the facility of the United States Postal Service located at 104 East Main Street in Port Washington, Wisconsin, as the ''Joseph G. Demler Post Office,'' was ordered to be engrossed for a third reading, was read the third time, and passed as follows:

S. 4126

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. JOSEPH G. DEMLER POST OFFICE.

(a) DESIGNATION.—The facility of the United States Postal Service located at 104 East Main Street in Port Washington, Wisconsin, shall be known and designated as the ''Joseph G. Demler Post Office''.

(b) REFERENCES.—Any reference in a law, map, regulation, document, paper, or other record of the United States to the facility referred to in subsection (a) shall be deemed to be a reference to the ''Joseph G. Demler Post Office''.

ERNEST 'ERNIE' T. PYLE POST OFFICE

A bill (H.R. 4734) to designate the facility of the United States Postal Service located at 171 South Maple Street in Dana, Indiana, as the ''Ernest 'Ernie' T. Pyle Post Office,'' was ordered to a third reading, was read the third time, and passed.

DR. C.O. SIMPKINS, SR., POST OFFICE

A bill (H.R. 5384) to designate the facility of the United States Postal Service located at 100 Crosby Street in Mansfield, Louisiana, as the ''Dr. C.O. Simpkins, Sr., Post Office,'' was ordered to a third reading, was read the third time, and passed.

SENIORS FRAUD PREVENTION ACT OF 2019

Mr. McCONNELL. Mr. President, I ask unanimous consent that the Senate proceed to the immediate consideration of Calendar No. 418, S. 512.

The PRESIDING OFFICER. The clerk will report the bill by title.

The senior assistant legislative clerk read as follows:

A bill (S. 512) to establish an advisory office within the Bureau of Consumer Protection of the Federal Trade Commission to prevent fraud targeting seniors, and for other purposes.

There being no objection, the Senate proceeded to consider the bill.

Mr. McCONNELL. I ask unanimous consent that the bill be considered read a third time and passed and that the motion to reconsider be considered made and laid upon the table.

The PRESIDING OFFICER. Without objection, it is so ordered.

The bill was ordered to be engrossed for a third reading, was read the third time, and passed as follows:

S. 512

Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,

SECTION 1. SHORT TITLE.

This Act may be cited as the ''Seniors Fraud Prevention Act of 2019''.

SEC. 2. OFFICE FOR THE PREVENTION OF FRAUD TARGETING SENIORS.

(a) ESTABLISHMENT OF ADVISORY OFFICE.—The Federal Trade Commission shall establish an office within the Bureau of Consumer Protection for the purpose of advising the Commission on the prevention of fraud targeting seniors and to assist the Commission with the following:

(1) OVERSIGHT.—The advisory office shall monitor the market for mail, television, internet, telemarketing, and recorded message telephone call (hereinafter referred to as ''robocall'') fraud targeting seniors and shall coordinate with other relevant agencies regarding the requirements of this section.

(2) CONSUMER EDUCATION.—The Commission through the advisory office shall, in consultation with the Attorney General, the Secretary of Health and Human Services, the Postmaster General, the Chief Postal Inspector for the United States Postal Inspection Service, and other relevant agencies—

(A) disseminate to seniors and families and caregivers of seniors general information on mail, television, internet, telemarketing, and robocall fraud targeting seniors, including descriptions of the most common fraud schemes;

(B) disseminate to seniors and families and caregivers of seniors information on reporting complaints of fraud targeting seniors either to the national toll-free telephone number established by the Commission for reporting such complaints, or to the Consumer Sentinel Network, operated by the Commission, where such complaints will become immediately available to appropriate law enforcement agencies, including the Federal Bureau of Investigation and the attorneys general of the States;

(C) in response to a specific request about a particular entity or individual, provide publically available information of enforcement action taken by the Commission for mail, television, internet, telemarketing, and robocall fraud against such entity; and

(D) maintain a website to serve as a resource for information for seniors and families and caregivers of seniors regarding mail, television, internet, telemarketing, robocall, and other identified fraud targeting seniors.

(3) COMPLAINTS.—The Commission through the advisory office shall, in consultation with the Attorney General, establish procedures to—

(A) log and acknowledge the receipt of complaints by individuals who believe they have been a victim of mail, television, internet, telemarketing, and robocall fraud in the Consumer Sentinel Network, and shall make those complaints immediately available to Federal, State, and local law enforcement authorities; and

(B) provide to individuals described in subparagraph (A), and to any other persons, specific and general information on mail, television, internet, telemarketing, and robocall fraud, including descriptions of the most common schemes using such methods of communication.

(b) COMMENCEMENT.—The Commission shall commence carrying out the requirements of this section not later than one year after the date of the enactment of this Act.

IDENTIFYING OUTPUTS OF GENERATIVE ADVERSARIAL NETWORKS ACT

Mr. McCONNELL. Mr. President, I ask unanimous consent that the Senate proceed to immediate consideration of Calendar No. 580, S. 2904.

The PRESIDING OFFICER. The clerk will report the bill by title.

The legislative clerk read as follows:

A bill (S. 2904) to direct the Director of the National Science Foundation to support research on the outputs that may be generated by generative adversarial networks, otherwise known as deepfakes, and other comparable techniques that may be developed in the future, and for other purposes.

There being no objection, the Senate proceeded to consider the bill, which had been reported from the Committee on Commerce, Science, and Transportation, with an amendment to strike all after the enacting clause and insert in lieu thereof the following:

SECTION 1. SHORT TITLE.

This Act may be cited as the ''Identifying Outputs of Generative Adversarial Networks Act'' or the ''IOGAN Act''.

SEC. 2. FINDINGS.

Congress finds the following:

(1) Gaps currently exist on the underlying research needed to develop tools that detect videos, audio files, or photos that have manipulated or synthesized content, including those generated by generative adversarial networks. Research on digital forensics is also needed to identify, preserve, recover, and analyze the provenance of digital artifacts.

(2) The National Science Foundation's focus to support research in artificial intelligence through computer and information science and engineering, cognitive science and psychology, economics and game theory, control theory, linguistics, mathematics, and philosophy, is building a better understanding of how new technologies are shaping the society and economy of the United States.

(3) The National Science Foundation has identified the ''10 Big Ideas for NSF Future Investment'' including ''Harnessing the Data Revolution'' and the ''Future of Work at the Human-Technology Frontier'', with artificial intelligence is a critical component.

(4) The outputs generated by generative adversarial networks should be included under the umbrella of research described in paragraph (3) given the grave national security and societal impact potential of such networks.

(5) Generative adversarial networks are not likely to be utilized as the sole technique of artificial intelligence or machine learning capable of creating credible deepfakes. Other techniques may be developed in the future to produce similar outputs.

SEC. 3. NSF SUPPORT OF RESEARCH ON MANIPULATED OR SYNTHESIZED CONTENT AND INFORMATION SECURITY.

The Director of the National Science Foundation, in consultation with other relevant Federal agencies, shall support merit-reviewed and competitively awarded research on manipulated or synthesized content and information authenticity, which may include—

(1) fundamental research on digital forensic tools or other technologies for verifying the authenticity of information and detection of manipulated or synthesized content, including content generated by generative adversarial networks;

(2) fundamental research on technical tools for identifying manipulated or synthesized content, such as watermarking systems for generated media;

(3) social and behavioral research related to manipulated or synthesized content, including human engagement with the content;

(4) research on public understanding and awareness of manipulated and synthesized content, including research on best practices for educating the public to discern authenticity of digital content; and

(5) research awards coordinated with other federal agencies and programs, including the Defense Advanced Research Projects Agency and the Intelligence Advanced Research Projects Agency, with coordination enabled by the Networking and Information Technology Research and Development Program.

SEC. 4. NIST SUPPORT FOR RESEARCH AND STANDARDS ON GENERATIVE ADVERSARIAL NETWORKS.

(a) IN GENERAL.—The Director of the National Institute of Standards and Technology shall support research for the development of measurements and standards necessary to accelerate the development of the technological tools to examine the function and outputs of generative adversarial networks or other technologies that synthesize or manipulate content.

(b) OUTREACH.—The Director of the National Institute of Standards and Technology shall conduct outreach—

(1) to receive input from private, public, and academic stakeholders on fundamental measurements and standards research necessary to examine the function and outputs of generative adversarial networks; and

(2) to consider the feasibility of an ongoing public and private sector engagement to develop voluntary standards for the function and outputs of generative adversarial networks or other technologies that synthesize or manipulate content.

SEC. 5. REPORT ON FEASIBILITY OF PUBLIC-PRIVATE PARTNERSHIP TO DETECT MANIPULATED OR SYNTHESIZED CONTENT.

Not later than 1 year after the date of enactment of this Act, the Director of the National Science Foundation and the Director of the National Institute of Standards and Technology shall jointly submit to the Committee on Science, Space, and Technology of the House of Representatives, the Subcommittee on Commerce, Justice, Science, and Related Agencies of the Committee on Appropriations of the House of Representatives, the Committee on Commerce, Science, and Transportation of the Senate, and the Subcommittee on Commerce, Justice, Science, and Related Agencies of the Committee on Appropriations of the Senate a report containing—

(1) the Directors' findings with respect to the feasibility for research opportunities with the private sector, including digital media companies to detect the function and outputs of generative adversarial networks or other technologies that synthesize or manipulate content; and

(2) any policy recommendations of the Directors that could facilitate and improve communication and coordination between the private sector, the National Science Foundation, and relevant Federal agencies through the implementation of innovative approaches to detect digital content produced by generative adversarial networks or other technologies that synthesize or manipulate content.

SEC. 6. GENERATIVE ADVERSARIAL NETWORK DEFINED.

In this Act, the term ''generative adversarial network'' means, with respect to artificial intelligence, the machine learning process of attempting to cause a generator artificial neural network (referred to in this paragraph as the ''generator'' and a discriminator artificial neural network (referred to in this paragraph as a ''discriminator'') to compete against each other to become more accurate in their function and outputs, through which the generator and discriminator create a feedback loop, causing the generator to produce increasingly higher-quality artificial outputs and the discriminator to increasingly improve in detecting such artificial outputs.

Mr. McCONNELL. I ask unanimous consent that the committee-reported substitute be agreed to; that the bill, as amended, be considered read a third time and passed; and that the motion to reconsider be considered made and laid upon the table.

The PRESIDING OFFICER. Without objection, it is so ordered.

The committee-reported amendment in the nature of a substitute was agreed to.

The bill (S. 2904), as amended, was ordered to be engrossed for a third reading, was read the third time, and passed.

NATIONAL NATIVE AMERICAN HERITAGE MONTH

Mr. McCONNELL. Mr. President, I ask unanimous consent that the Senate proceed to consideration of S. Res. 779, submitted earlier today.

The PRESIDING OFFICER. Without objection, it is so ordered.

The clerk will report the resolution by title.

The senior assistant legislative clerk read as follows:

A resolution (S. Res. 779) recognizing National Native American Heritage Month and celebrating the heritages and cultures of Native Americans and the contributions of Native Americans to the United States.

There being no objection, the Senate proceeded to consider the resolution.

Mr. McCONNELL. I ask unanimous consent that the resolution be agreed to; that the preamble be agreed to; and that the motions to reconsider be considered made and laid upon the table with no intervening action or debate.

The PRESIDING OFFICER. Without objection, it is so ordered.

The resolution (S. Res. 779) was agreed to.

The preamble was agreed to.

(The resolution, with its preamble, is printed in today's RECORD under ''Submitted Resolutions.'')

ORDERS FOR FRIDAY, NOVEMBER 20, 2020, THROUGH MONDAY, NOVEMBER 30, 2020

Mr. McCONNELL. Mr. President, I ask unanimous consent that when the Senate completes its business today, it adjourn to then convene for pro forma sessions only, with no business being conducted, on the following dates and times, and that following each pro forma session, the Senate adjourn until the next pro forma session: Friday, November 20, at 8:15 a.m.; Tuesday, November 24, at 12:15 p.m.; Friday, November 27, at 3:15 p.m. I further ask that when the Senate adjourns on Friday, November 27, it next convene at 3 p.m., Monday, November 30; that following the prayer and pledge, the morning hour be deemed expired, the Journal of proceedings be approved to date, and the time for the two leaders be reserved for their use later in the day; further, that following leader remarks, the Senate be in a period of

morning business, with Senators permitted to speak therein for up to 10 minutes each; further, that at 5 p.m. the Senate proceed to executive session to resume the McNeel nomination under the previous order. Finally, I ask that the cloture motions filed during today's session of the Senate ripen following disposition of the McNeel nomination.

The PRESIDING OFFICER. Without objection, it is so ordered.

ADJOURNMENT UNTIL FRIDAY, NOVEMBER 20, 2020, AT 8:15 A.M.

Mr. McCONNELL. Mr. President, if there is no further business to come before the Senate, I ask unanimous consent that it stand adjourned under the previous order.

There being no objection, the Senate, at 6:34 p.m., adjourned until Friday, November 20, 2020, at 8:15 a.m.

NOMINATIONS

Executive nominations received by the Senate:

IN THE AIR FORCE

THE FOLLOWING AIR NATIONAL GUARD OF THE UNITED STATES OFFICERS FOR APPOINTMENT IN THE RESERVE OF THE AIR FORCE TO THE GRADE INDICATED UNDER TITLE 10, U.S.C., SECTIONS 12203 AND 12212:

To be major general

BRIG. GEN. PATRICK J. COBB
BRIG. GEN. NICHOLAS A. GENTILE, JR.
BRIG. GEN. MICHAEL T. GEROCK
BRIG. GEN. DUKE A. PIRAK
BRIG. GEN. DARRIN E. SLATEN

THE FOLLOWING AIR NATIONAL GUARD OF THE UNITED STATES OFFICERS FOR APPOINTMENT IN THE RESERVE OF THE AIR FORCE TO THE GRADE INDICATED UNDER TITLE 10, U.S.C., SECTIONS 12203 AND 12212:

To be major general

BRIG. GEN. MATTHEW D. DINMORE
BRIG. GEN. GENE W. HUGHES, JR.
BRIG. GEN. TONI M. LORD
BRIG. GEN. PETER NEZAMIS
BRIG. GEN. GREGG A. PEREZ
BRIG. GEN. THOMAS M. SUELZER
BRIG. GEN. MARK A. WEBER

THE FOLLOWING AIR NATIONAL GUARD OF THE UNITED STATES OFFICERS FOR APPOINTMENT IN THE RESERVE OF THE AIR FORCE TO THE GRADE INDICATED UNDER TITLE 10, U.S.C., SECTIONS 12203 AND 12212:

To be major general

BRIG. GEN. SANDRA L. BEST
BRIG. GEN. CHARLES G. JEFFRIES
BRIG. GEN. JAMES C. MCEACHEN
BRIG. GEN. SHANNA M. WOYAK
BRIG. GEN. BRETT A. WYRICK

THE FOLLOWING AIR NATIONAL GUARD OF THE UNITED STATES OFFICERS FOR APPOINTMENT IN THE RESERVE OF THE AIR FORCE TO THE GRADE INDICATED UNDER TITLE 10, U.S.C., SECTIONS 12203 AND 12212:

To be major general

BRIG. GEN. JAMES R. CAMP
BRIG. GEN. THOMAS F. GRABOWSKI
BRIG. GEN. PAUL E. KNAPP
BRIG. GEN. RICHARD R. NEELY
BRIG. GEN. TORRENCE W. SAXE

THE FOLLOWING AIR NATIONAL GUARD OF THE UNITED STATES OFFICER FOR APPOINTMENT IN THE RESERVE OF THE AIR FORCE TO THE GRADE INDICATED UNDER TITLE 10, U.S.C., SECTIONS 12203 AND 12212:

To be major general

BRIG. GEN. BARRY A. BLANCHARD

THE FOLLOWING AIR NATIONAL GUARD OF THE UNITED STATES OFFICER FOR APPOINTMENT IN THE RESERVE OF THE AIR FORCE TO THE GRADE INDICATED UNDER TITLE 10, U.S.C., SECTIONS 12203 AND 12212:

To be brigadier general

COL. TARA D. MCKENNIE

THE FOLLOWING AIR NATIONAL GUARD OF THE UNITED STATES OFFICERS FOR APPOINTMENT IN THE RESERVE OF THE AIR FORCE TO THE GRADE INDICATED UNDER TITLE 10, U.S.C., SECTIONS 12203 AND 12212:

To be brigadier general

COLONEL MATTHEW A. BARKER