

Now, the next board we are going to put up is the great thought experiment, and this one actually is the ultimate disruption that I think may even happen in my lifetime, and I may lack some of the elegance or eloquence—excuse me—on how to describe it.

You all remember your high school or college botany biology class. You know, a plant cell from a couple million years ago, it has a certain issue of it wants to grow and it grabs an oxygen cell when it meant to grab a carbon molecule. Sorry. And then it spends lots of energy purging that one because “I don’t want the oxygen molecule; I want the carbon molecule to grow.”

Okay, I don’t mean to geek out, but it is a big deal. It is an inherent inefficiency in our plants that is a couple million years old.

It turns out, United States Government and a couple of university labs may have broken the code on the Holy Grail of plant biology, and with a tweak in the genetic code, a 40 percent improvement in growth.

Do the thought experiment with me. What happens tomorrow if, on the same piece of land you are growing soybeans or corn or cotton or grass in your yard, you have a 40 percent improvement in efficiency? How much less water are you using? How much

less fertilizer are you using? How much less fuel? How much less land?

It also means, mathematically, you also feed the world for the next couple hundred years.

World agriculture, if you wanted to do part of the thought experiment, world agriculture produces 2.2 times the amount of greenhouse gasses as every car on Earth. Think about that. So world agriculture, the math is you produce about 2.2 times more greenhouse gasses than every car on Earth. The adoption of this genetic change in our agriculture around the world would be as if you removed every single car off the face of the Earth. That is a disruption.

Now, it is going to also have implications on what agricultural land is worth. I mean, it will have a huge disruption across the world. But if you truly claim you care about the environment, and someone like me who does taxes and financial and economic growth as their specialty here in Congress reads articles like this and sees the disruption in the future for the environment, why isn’t this the discussion here?

If this is real, and we all know in seed stock, you can roll it out in just a few years. What would happen if in just a few years, it would be like you re-

moved every single car off the face of the Earth? That is what something like this equals.

We should be joyful here. We live in a time where technology is moving so fast it is presenting us solutions, and we need to stop the debates around this place that sound like we are all still in the 1990s.

The solutions are all around us, they are rolling out of our labs, they are rolling out of actually people’s garages. Smart people all around us and around the world are producing the solutions. We need to embrace and move those forward, or we can do what we are doing here so far this year, and that is engage in the political theater of rage and completely avoid the optimism of the solutions that are at our doorstep.

Mr. Speaker, I yield back the balance of my time.

ADJOURNMENT

Mr. SCHWEIKERT. Mr. Speaker, I move that the House do now adjourn.

The motion was agreed to; accordingly (at 4 o’clock and 16 minutes p.m.), under its previous order, the House adjourned until tomorrow, Wednesday, May 1, 2019, at 10 a.m. for morning-hour debate.

EXPENDITURE REPORTS CONCERNING OFFICIAL FOREIGN TRAVEL

Reports concerning the foreign currencies and U.S. dollars utilized for Official Foreign Travel during the first quarter of 2019, pursuant to Public Law 95–384, are as follows:

REPORT OF EXPENDITURES FOR OFFICIAL FOREIGN TRAVEL, DELEGATION TO GERMANY AND BELGIUM, EXPENDED BETWEEN FEB. 15 AND FEB. 19, 2019

| Name of Member or employee | Date    |           | Country | Per diem <sup>1</sup> |  | Transportation   |  | Other purposes   |  | Total            |  |
|----------------------------|---------|-----------|---------|-----------------------|--|------------------|--|------------------|--|------------------|--|
|                            | Arrival | Departure |         | Foreign currency      | U.S. dollar equivalent or U.S. currency <sup>2</sup> | Foreign currency | U.S. dollar equivalent or U.S. currency <sup>2</sup> | Foreign currency | U.S. dollar equivalent or U.S. currency <sup>2</sup> | Foreign currency | U.S. dollar equivalent or U.S. currency <sup>2</sup> |
| Hon. Nancy Pelosi          | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Hon. Eliot Engel           | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Hon. Adam Schiff           | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Hon. Gregory Meeks         | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Hon. Stephen Lynch         | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Hon. Jackie Speier         | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Hon. William Keating       | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Hon. Gerry Connolly        | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Hon. Filemon Vela          | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Brian Monahan              | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Paul Irving                | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Wyndee Parker              | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Kate Knudson Wolters       | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Emily Berret               | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Henry Connelly             | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Jason Steinbaum            | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Tim Bergreen               | 2/15    | 2/17      | Germany |                       | 1,216.73   |                  | (3)  |                  |  |                  | 1,216.73   |
| Daniel Silverberg          | 2/15    | 2/18      | Germany |                       | 1,313.73   |                  | 2,018.83   |                  |  |                  | 3,332.56   |
| Hon. Nancy Pelosi          | 2/17    | 2/19      | Belgium |                       | 792.95   |                  | (3)  |                  |  |                  | 792.95   |
| Hon. Eliot Engel           | 2/17    | 2/19      | Belgium |                       | 792.95   |                  | (3)  |                  |  |                  | 792.95   |
| Hon. Adam Schiff           | 2/17    | 2/19      | Belgium |                       | 792.95   |                  | (3)  |                  |  |                  | 792.95   |
| Hon. Gregory Meeks         | 2/17    | 2/19      | Belgium |                       | 792.95   |                  | (3)  |                  |  |                  | 792.95   |
| Hon. Stephen Lynch         | 2/17    | 2/19      | Belgium |                       | 792.95   |                  | (3)  |                  |  |                  | 792.95   |
| Hon. Jackie Speier         | 2/17    | 2/19      | Belgium |                       | 792.95   |                  | (3)  |                  |  |                  | 792.95   |
| Hon. William Keating       | 2/17    | 2/19      | Belgium |                       | 792.95   |                  | (3)  |                  |  |                  | 792.95   |
| Hon. Katie Hill            | 2/17    | 2/19      | Belgium |                       | 792.95   |                  | (3)  |                  |  |                  | 792.95   |
| Dr. Brian Monahan          | 2/17    | 2/19      | Belgium |                       | 792.95   |                  | (3)  |                  |  |                  | 792.95   |
| Paul Irving                | 2/17    | 2/19      | Belgium |                       | 792.95   |                  | (3)  |                  |  |                  | 792.95   |
| Wyndee Parker              | 2/17    | 2/19      | Belgium |                       | 792.95   |                  | (3)  |                  |  |                  | 792.95   |
| Emily Berret               | 2/17    | 2/19      | Belgium |                       | 792.95   |                  | (3)  |                  |  |                  | 792.95   |
| Henry Connelly             | 2/17    | 2/19      | Belgium |                       | 792.95   |                  | (3)  |                  |  |                  | 792.95   |
| Jason Steinbaum            | 2/17    | 2/19      | Belgium |                       | 792.95   |                  | (3)  |                  |  |                  | 792.95   |
| Tim Bergreen               | 2/17    | 2/19      | Belgium |                       | 792.95   |                  | (3)  |                  |  |                  | 792.95   |
| Committee total            |         |           |         |                       | 33,892.39  |                  | 2,018.83   |                  |  |                  | 35,911.22  |

<sup>1</sup> Per diem constitutes lodging and meals.

<sup>2</sup> If foreign currency is used, enter U.S. dollar equivalent; if U.S. currency is used, enter amount expended.

<sup>3</sup> Military air transportation.