

**AMENDMENT TO THE AMENDMENT IN THE
NATURE OF A SUBSTITUTE TO H.R. 6213
OFFERED BY MS. SALINAS OF OREGON
and Mr. Baird from Indiana**

Page 42, beginning line 16, insert the following:

1 “(f) UPGRADING AND IMPROVING ACCESS TO QUAN-
2 TUM RESEARCH RESOURCES.—

3 “(1) IN GENERAL.—In carrying out the activi-
4 ties described in this section, the Director of the Na-
5 tional Science Foundation, in consultation with the
6 heads of other Federal departments and agencies, as
7 appropriate, shall award grants to institutions of
8 higher education or eligible nonprofit organizations
9 (or consortia thereof) to upgrade research facilities
10 and improve access to research resources, such as
11 equipment and instrumentation, that is needed for
12 research and development in quantum information
13 science, engineering, and technology.

14 “(2) PURPOSE.—Grants under paragraph (1)
15 shall be used to facilitate quantum information
16 science, engineering, and technology research and
17 development, including by carrying out the following:

18 “(A) Upgrading or adding research re-
19 sources to accelerate the development of quan-

1 tum technologies, including capabilities focused
2 on addressing the roadblocks to implementa-
3 tion, and meet the materials, advanced mate-
4 rials development, high performance computing,
5 heterogeneous computing, networking, software,
6 data, clean room, and device needs of the sci-
7 entific community and the quantum supply
8 chain.

9 “(B) Enhancing access to equipment and
10 instrumentation, including at partnering insti-
11 tutions, by facilitating information sharing, co-
12 ordination, scheduling, education, and training,
13 including activities that provide meaningful
14 hands-on learning experiences for students, in-
15 cluding at community and technical colleges.

16 “(C) Enabling professional staff to support
17 the operation and improvement of research re-
18 sources used for quantum information science,
19 engineering, and technology.

20 “(3) REQUIREMENTS.—An institution of higher
21 education or an eligible nonprofit organization (or a
22 consortium thereof) and industry partners seeking
23 funding under this subsection shall submit to the
24 Director of the National Science Foundation an ap-
25 plication at such time, in such manner, and con-

1 taining such information as the Director may re-
2 quire.”.

