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Part 1

AMERICA INVENTS ACT

JUNE 1, 2011.—Committed to the Committee of the Whole House on the State of the Union and ordered to be printed

Mr. SMITH of Texas, from the Committee on the Judiciary, submitted the following

R E P O R T

together with

DISSENTING VIEWS AND ADDITIONAL VIEWS

[To accompany H.R. 1249]

[Including cost estimate of the Congressional Budget Office]

The Committee on the Judiciary, to whom was referred the bill (H.R. 1249) to amend title 35, United States Code, to provide for patent reform, having considered the same, reports favorably thereon with an amendment and recommends that the bill as amended do pass.

CONTENTS

	Page
The Amendment	1
Purpose and Summary	38
Background and Need for the Legislation	40
Hearings	57
Committee Consideration	58
Committee Votes	58
Committee Oversight Findings	63
New Budget Authority and Tax Expenditures	63
Congressional Budget Office Cost Estimate	63
Performance Goals and Objectives	73
Advisory on Earmarks	73
Section-by-Section Analysis	73
Agency Views	85
Changes in Existing Law Made by the Bill, as Reported	89
Dissenting Views	162
Additional Views	163

99–006

Exhibit 1159
Samsung v. Headwater
IPR2025-00481

The Amendment

The amendment is as follows:
Strike all after the enacting clause and insert the following:

SECTION 1. SHORT TITLE; TABLE OF CONTENTS.

(a) SHORT TITLE.—This Act may be cited as the "America Invents Act".
(b) TABLE OF CONTENTS.—The table of contents for this Act is as follows:

Sec. 1. Short title; table of contents.
Sec. 2. Definitions.
Sec. 3. First inventor to file.
Sec. 4. Inventor's oath or declaration.
Sec. 5. Defense to infringement based on earlier inventor.
Sec. 6. Post-grant review proceedings.
Sec. 7. Patent Trial and Appeal Board.
Sec. 8. Preissuance submissions by third parties.
Sec. 9. Venue.
Sec. 10. Fee setting authority.
Sec. 11. Fees for patent services.
Sec. 12. Supplemental examination.
Sec. 13. Funding agreements.
Sec. 14. Tax strategies deemed within the prior art.
Sec. 15. Best mode requirement.
Sec. 16. Marking.
Sec. 17. Advice of counsel.
Sec. 18. Transitional program for covered business method patents.
Sec. 19. Jurisdiction and procedural matters.
Sec. 20. Technical amendments.
Sec. 21. Travel expenses and payment of administrative judges.
Sec. 22. Patent and Trademark Office funding.
Sec. 23. Satellite offices.
Sec. 24. Designation of Detroit satellite office.
Sec. 25. Patent Ombudsman Program for small business concerns.
Sec. 26. Priority examination for technologies important to American competitiveness.
Sec. 27. Calculation of 60-day period for application of patent term extension.
Sec. 28. Study on implementation.
Sec. 29. Pro bono program.
Sec. 30. Effective date.
Sec. 31. Budgetary effects.

SEC. 2. DEFINITIONS.

In this Act:

(1) DIRECTOR.—The term "Director" means the Under Secretary of Commerce for Intellectual Property and Director of the United States Patent and Trademark Office.

(2) OFFICE.—The term "Office" means the United States Patent and Trademark Office.

(3) PATENT PUBLIC ADVISORY COMMITTEE.—The term "Patent Public Advisory Committee" means the Patent Public Advisory Committee established under section 5(a)(1) of title 35, United States Code.

(4) TRADEMARK ACT OF 1946.—The term "Trademark Act of 1946" means the Act entitled "An Act to provide for the registration and protection of trademarks used in commerce, to carry out the provisions of certain international conventions, and for other purposes", approved July 5, 1946 (15 U.S.C. 1051 et seq.) (commonly referred to as the "'Trademark Act of 1946" or the "Lanham Act").

(5) TRADEMARK PUBLIC ADVISORY COMMITTEE.—The term "Trademark Public Advisory Committee" means the Trademark Public Advisory Committee established under section 5(a)(1) of title 35, United States Code.

SEC. 3. FIRST INVENTOR TO FILE.

(a) DEFINITIONS.—Section 100 of title 35, United States Code, is amended—

(1) in subsection (e), by striking "or inter partes reexamination under section 311"; and

(2) by adding at the end the following:

"(f) The term 'inventor' means the individual or, if a joint invention, the individuals collectively who invented or discovered the subject matter of the invention.

"(g) The terms 'joint inventor' and 'coinventor' mean any 1 of the individuals who invented or discovered the subject matter of a joint invention.

"(h) The term 'joint research agreement' means a written contract, grant, or cooperative agreement entered into by 2 or more persons or entities for the performance of experimental, developmental, or research work in the field of the claimed invention.

"(i)(1) The term 'effective filing date' for a claimed invention in a patent or application for patent means—

"(A) if subparagraph (B) does not apply, the actual filing date of the patent or the application for the patent containing a claim to the invention; or

"(B) the filing date of the earliest application for which the patent or application is entitled, as to such invention, to a right of priority under section 119, 365(a), or 365(b) or to the benefit of an earlier filing date un

"(2) The effective filing date for a claimed invention in an application for reissue or reissued patent shall be determined by deeming the claim to the invention to have been contained in the patent for which reissue was sought.

"(j) The term 'claimed invention' means the subject matter defined by a claim in a patent or an application for a patent.".

(b) CONDITIONS FOR PATENTABILITY.—

(1) IN GENERAL.—Section 102 of title 35, United States Code, is amended to read as follows:

"§ 102. Conditions for patentability; novelty

"(a) NOVELTY; PRIOR ART.—A person shall be entitled to a patent unless—

"(1) the claimed invention was patented, described in a printed publication, or in public use, on sale, or otherwise available to the public before the effective filing date of the claimed invention; or

"(2) the claimed invention was described in a patent issued under section 151, or in an application for patent published or deemed published under section 122(b), in which the patent or application, as the case may be, names another inventor and was effectively filed before the effective filing date of the claimed invention.

"(b) EXCEPTIONS.—

"(1) DISCLOSURES MADE 1 YEAR OR LESS BEFORE THE EFFECTIVE FILING DATE OF THE CLAIMED INVENTION.—A disclosure made 1 year or less before the effective filing date of a claimed invention shall not be prior art to the claimed invention under subsection (a)(1) if—

"(A) the disclosure was made by the inventor or joint inventor or by another who obtained the subject matter disclosed directly or indirectly from the inventor or a joint inventor; or

"(B) the subject matter disclosed had, before such disclosure, been publicly disclosed by the inventor or a joint inventor or another who obtained the subject matter disclosed directly or indirectly from the inventor or a joint inventor.

"(2) DISCLOSURES APPEARING IN APPLICATIONS AND PATENTS.—A disclosure shall not be prior art to a claimed invention under subsection (a)(2) if—

"(A) the subject matter disclosed was obtained directly or indirectly from the inventor or a joint inventor;

"(B) the subject matter disclosed had, before such subject matter was effectively filed under subsection (a)(2), been publicly disclosed by the inventor or a joint inventor or another who obtained the subject matter disclosed directly or indirectly from the inventor or a joint inventor; or

"(C) the subject matter disclosed and the claimed invention, not later than the effective filing date of the claimed invention, were owned by the same person or subject to an obligation of assignment to the same person.

"(c) COMMON OWNERSHIP UNDER JOINT RESEARCH AGREEMENTS.—Subject matter disclosed and a claimed invention shall be deemed to have been owned by the same person or subject to an obligation of assignment to the same person in applying the provisions of subsection (b)(2)(C) if—

"(1) the subject matter disclosed was developed and the claimed invention was made by, or on behalf of, 1 or more parties to a joint research agreement that was in effect on or before the effective filing date of the claimed invention;

"(2) the claimed invention was made as a result of activities undertaken within the scope of the joint research agreement; and

"(3) the application for patent for the claimed invention discloses or is amended to disclose the names of the parties to the joint research agreement.

"(d) PATENTS AND PUBLISHED APPLICATIONS EFFECTIVE AS PRIOR ART.—For purposes of determining whether a patent or application for patent is prior art to a claimed invention under subsection (a)(2), such patent or application shall be considered to have been effectively filed, with respect to any subject matter described in the patent or application—

"(1) if paragraph (2) does not apply, as of the actual filing date of the patent or the application for patent; or

"(2) if the patent or application for patent is entitled to claim a right of priority under section 119, 365(a), or 365(b), or to claim the benefit of an earlier filing date under section 120, 121, or 365(c), based upon 1 or more prior filed applications for patent, as of the filing date of the earliest such application that describes the subject matter.".

(2) CONTINUITY OF INTENT UNDER THE CREATE ACT.—The enactment of section 102(c) of title 35, United States Code, under paragraph (1) of this subsection is done with the same intent to promote joint research activities that was expressed, including in the legislative history, through the enactment of the Cooperative Research and Technology Enhancement Act of 2004 (Public Law 108–453; the "CREATE Act"), the amendments of which are stricken by subsection (c) of this section. The United States Patent and Trademark Office shall administer section 102(c) of title 35, United States Code, in a manner consistent with the legislative history of the CREATE Act that was relevant to its administration by the United States Patent and Trademark Office.

(3) CONFORMING AMENDMENT.—The item relating to section 102 in the table of sections for chapter 10 of title 35, United States Code, is amended to read as follows:

"102. Conditions for patentability; novelty.".

(c) CONDITIONS FOR PATENTABILITY; NONOBVIOUS SUBJECT MATTER.—Section 103 of title 35, United States Code, is amended to read as follows:

"§ 103. Conditions for patentability; non-obvious subject matter

"A patent for a claimed invention may not be obtained, notwithstanding that the claimed invention is not identically disclosed as set forth in section 102, if the differences between the claimed invention and the prior art are such that the claimed invention as a whole would have been obvious before the effective filing date of the claimed invention to a person having ordinary skill in the art to which the claimed invention pertains. Patentability shall not be negated by the manner in which the invention was made.".

(d) REPEAL OF REQUIREMENTS FOR INVENTIONS MADE ABROAD.—Section 104 of title 35, United States Code, and the item relating to that section in the table of sections for chapter 10 of title 35, United States Code, are repealed.

(e) REPEAL OF STATUTORY INVENTION REGISTRATION.—

(1) IN GENERAL.—Section 157 of title 35, United States Code, and the item relating to that section in the table of sections for chapter 14 of title 35, United States Code, are repealed.

(2) REMOVAL OF CROSS REFERENCES.—Section 111(b)(8) of title 35, United States Code, is amended by striking "sections 115, 131, 135, and 157" and inserting "sections 131 and 135".

(3) EFFECTIVE DATE.—The amendments made by this subsection shall take effect upon the expiration of the 18-month period beginning on the date of the enactment of this Act, and shall apply to any request for a statutory invention registration filed on or after that effective date.

(f) EARLIER FILING DATE FOR INVENTOR AND JOINT INVENTOR.—Section 120 of title 35, United States Code, is amended by striking "which is filed by an inventor or inventors named" and inserting "which names an inventor or joint inventor".

(g) CONFORMING AMENDMENTS.—

(1) RIGHT OF PRIORITY.—Section 172 of title 35, United States Code, is amended by striking "and the time specified in section 102(d)".

(2) LIMITATION ON REMEDIES.—Section 287(c)(4) of title 35, United States Code, is amended by striking "the earliest effective filing date of which is prior to" and inserting "which has an effective filing date before".

(3) INTERNATIONAL APPLICATION DESIGNATING THE UNITED STATES: EFFECT.—Section 363 of title 35, United States Code, is amended by striking "except as otherwise provided in section 102(e) of this title".

(4) PUBLICATION OF INTERNATIONAL APPLICATION: EFFECT.—Section 374 of title 35, United States Code, is amended by striking "sections 102(e) and 154(d)" and inserting "section 154(d)".

(5) PATENT ISSUED ON INTERNATIONAL APPLICATION: EFFECT.—The second sentence of section 375(a) of title 35, United States Code, is amended by striking "Subject to section 102(e) of this title, such" and inserting "Such".

(6) LIMIT ON RIGHT OF PRIORITY.—Section 119(a) of title 35, United States Code, is amended by striking "; but no patent shall be granted" and all that follows through "one year prior to such filing".

(7) INVENTIONS MADE WITH FEDERAL ASSISTANCE.—Section 202(c) of title 35, United States Code, is amended—

(A) in paragraph (2)—

(i) by striking "publication, on sale, or public use," and all that follows through "obtained in the United States" and inserting "the 1-year period referred to in section 102(b) would end before the end of that 2-year period"; and

(ii) by striking "prior to the end of the statutory" and inserting "before the end of that 1-year"; and

(B) in paragraph (3), by striking "any statutory bar date that may occur under this title due to publication, on sale, or public use" and inserting "the expiration of the 1-year period referred to in section 102(b)".

(h) DERIVED PATENTS.—

(1) IN GENERAL.—Section 291 of title 35, United States Code, is amended to read as follows:

"§ 291. Derived Patents

"(a) IN GENERAL.—The owner of a patent may have relief by civil action against the owner of another patent that claims the same invention and has an earlier effective filing date, if the invention claimed in such other patent was derived from the inventor of the invention claimed in the patent owned by the person seeking relief under this section.

"(b) FILING LIMITATION.—An action under this section may be filed only before the end of the 1-year period beginning on the date of the issuance of the first patent containing a claim to the allegedly derived invention and naming an individual alleged to have derived such invention as the inventor or joint inventor.".

(2) CONFORMING AMENDMENT.—The item relating to section 291 in the table of sections for chapter 29 of title 35, United States Code, is amended to read as follows:

"291. Derived patents.".

(i) DERIVATION PROCEEDINGS.—Section 135 of title 35, United States Code, is amended to read as follows:

"§ 135. Derivation proceedings

"(a) INSTITUTION OF PROCEEDING.—An applicant for patent may file a petition to institute a derivation proceeding in the Office. The petition shall set forth with particularity the basis for finding that an inventor named in an earlier application derived the claimed invention from an inventor named in the petitioner's application and, without authorization, the earlier application claiming such invention was filed. Any such petition may be filed only within the 1-year period beginning on the date of the first publication of a claim to an invention that is the same or substantially the same as the earlier application's claim to the invention, shall be made under oath, and shall be supported by substantial evidence. Whenever the Director determines that a petition filed under this subsection demonstrates that the standards for instituting a derivation proceeding are met, the Director may institute a derivation proceeding. The determination by the Director whether to institute a derivation proceeding shall be final and nonappealable.

"(b) DETERMINATION BY PATENT TRIAL AND APPEAL BOARD.—In a derivation proceeding instituted under subsection (a), the Patent Trial and Appeal Board shall determine whether an inventor named in the earlier application derived the claimed invention from an inventor named in the petitioner's application and, without authorization, the earlier application claiming such invention was filed. The Director shall prescribe regulations setting forth standards for the conduct of derivation proceedings.

"(c) DEFERRAL OF DECISION.—The Patent Trial and Appeal Board may defer action on a petition for a derivation proceeding until the expiration of the 3-month period beginning on the date on which the Director issues a patent that includes the claimed invention that is the subject of the petition. The Patent Trial and Appeal Board also may defer action on a petition for a derivation proceeding, or stay the proceeding after it has been instituted, until the termination of a proceeding under chapter 30, 31, or 32 involving the patent of the earlier applicant.

"(d) EFFECT OF FINAL DECISION.—The final decision of the Patent Trial and Appeal Board, if adverse to claims in an application for patent, shall constitute the final refusal by the Office on those claims. The final decision of the Patent Trial and Appeal Board, if adverse to claims in a patent, shall, if no appeal or other review of the decision has been or can be taken or had, constitute cancellation of those claims, and notice of such cancellation shall be endorsed on copies of the patent distributed after such cancellation.

"(e) SETTLEMENT.—Parties to a proceeding instituted under subsection (a) may terminate the proceeding by filing a written statement reflecting the agreement of the parties as to the correct inventors of the claimed invention in dispute. Unless the Patent Trial and Appeal Board finds the agreement to be inconsistent with the evidence of record, if any, it shall take action consistent with the agreement. Any written settlement or understanding of the parties shall be filed with the Director. At the request of a party to the proceeding, the agreement or understanding shall be treated as business confidential information, shall be kept separate from the file of the involved patents or applications, and shall be made available only to Government agencies on written request, or to any person on a showing of good cause.

"(f) ARBITRATION.—Parties to a proceeding instituted under subsection (a) may, within such time as may be specified by the Director by regulation, determine such contest or any aspect thereof by arbitration. Such arbitration shall be governed by the provisions of title 9, to the extent such title is not inconsistent with this section. The parties shall give notice of any arbitration award to the Director, and such award shall, as between the parties to the arbitration, be dispositive of the issues to which it relates. The arbitration award shall be unenforceable until such notice is given. Nothing in this subsection shall preclude the Director from determining the patentability of the claimed inventions involved in the proceeding.".

(j) ELIMINATION OF REFERENCES TO INTERFERENCES.—(1) Sections 134, 145, 146, 154, and 305 of title 35, United States Code, are each amended by striking "Board of Patent Appeals and Interferences" each place it appears and inserting "Patent Trial and Appeal Board".

(2)(A) Section 146 of title 35, United States Code, is amended—

(i) by striking "an interference" and inserting "a derivation proceeding"; and

(ii) by striking "the interference" and inserting "the derivation proceeding".

(B) The subparagraph heading for section 154(b)(1)(C) of title 35, United States Code, is amended to read as follows:

"(C) GUARANTEE OF ADJUSTMENTS FOR DELAYS DUE TO DERIVATION PROCEEDINGS, SECRECY ORDERS, AND APPEALS.—".

(3) The section heading for section 134 of title 35, United States Code, is amended to read as follows:

"§ 134. Appeal to the Patent Trial and Appeal Board".

(4) The section heading for section 146 of title 35, United States Code, is amended to read as follows:

"§ 146. Civil action in case of derivation proceeding".

(5) The items relating to sections 134 and 135 in the table of sections for chapter 12 of title 35, United States Code, are amended to read as follows:

"134. Appeal to the Patent Trial and Appeal Board.
"135. Derivation proceedings.".

(6) The item relating to section 146 in the table of sections for chapter 13 of title 35, United States Code, is amended to read as follows:

"146. Civil action in case of derivation proceeding.".

(k) STATUTE OF LIMITATIONS.—

(1) IN GENERAL.—Section 32 of title 35, United States Code, is amended by inserting between the third and fourth sentences the following: "A proceeding under this section shall be commenced not later than the earlier of either the date that is 10 years after the date on which the misconduct forming the basis for the proceeding occurred, or 1 year after the date on which the misconduct forming the basis for the proceeding is made known to an officer or employee of the Office as prescribed in the regulations established under section 2(b)(2)(D).".

(2) REPORT TO CONGRESS.—The Director shall provide on a biennial basis to the Judiciary Committees of the Senate and House of Representatives a report providing a short description of incidents made known to an officer or employee of the Office as prescribed in the regulations established under section 2(b)(2)(D) of title 35, United States Code, that reflect substantial evidence of misconduct before the Office but for which the Office was barred from commencing a proceeding under section 32 of title 35, United States Code, by the time limitation established by the fourth sentence of that section.

(3) EFFECTIVE DATE.—The amendment made by paragraph (1) shall apply in any case in which the time period for instituting a proceeding under section 32 of title 35, United States Code, had not lapsed before the date of the enactment of this Act.

(l) SMALL BUSINESS STUDY.—

(1) DEFINITIONS.—In this subsection—

(A) the term "Chief Counsel" means the Chief Counsel for Advocacy of the Small Business Administration;

(B) the term "General Counsel" means the General Counsel of the United States Patent and Trademark Office; and

(C) the term "small business concern" has the meaning given that term under section 3 of the Small Business Act (15 U.S.C. 632).

(2) STUDY.—

(A) IN GENERAL.—The Chief Counsel, in consultation with the General Counsel, shall conduct a study of the effects of eliminating the use of dates

of invention in determining whether an applicant is entitled to a patent under title 35, United States Code.

(B) AREAS OF STUDY.—The study conducted under subparagraph (A) shall include examination of the effects of eliminating the use of invention dates, including examining—

(i) how the change would affect the ability of small business concerns to obtain patents and their costs of obtaining patents;

(ii) whether the change would create, mitigate, or exacerbate any disadvantages for applicants for patents that are small business concerns relative to applicants for patents that are not small business concerns, and whether the change would create any advantages for applicants for patents that are small business concerns relative to applicants for patents that are not small business concerns;

(iii) the cost savings and other potential benefits to small business concerns of the change; and

(iv) the feasibility and costs and benefits to small business concerns of alternative means of determining whether an applicant is entitled to a patent under title 35, United States Code.

(3) REPORT.—Not later than the date that is 1 year after the date of the enactment of this Act, the Chief Counsel shall submit to the Committee on Small Business and Entrepreneurship and the Committee on the Judiciary of the Senate and the Committee on Small Business and the Committee on the Judiciary of the House of Representatives a report on the results of the study under paragraph (2).

(m) REPORT ON PRIOR USER RIGHTS.—

(1) IN GENERAL.—Not later than the end of the 4-month period beginning on the date of the enactment of this Act, the Director shall report, to the Committee on the Judiciary of the Senate and the Committee on the Judiciary of the House of Representatives, the findings and recommendations of the Director on the operation of prior user rights in selected countries in the industrialized world. The report shall include the following:

(A) A comparison between patent laws of the United States and the laws of other industrialized countries, including members of the European Union and Japan, Canada, and Australia.

(B) An analysis of the effect of prior user rights on innovation rates in the selected countries.

(C) An analysis of the correlation, if any, between prior user rights and start-up enterprises and the ability to attract venture capital to start new companies.

(D) An analysis of the effect of prior user rights, if any, on small businesses, universities, and individual inventors.

(E) An analysis of legal and constitutional issues, if any, that arise from placing trade secret law in patent law.

(F) An analysis of whether the change to a first-to-file patent system creates a particular need for prior user rights.

(2) CONSULTATION WITH OTHER AGENCIES.—In preparing the report required under paragraph (1), the Director shall consult with the United States Trade Representative, the Secretary of State, and the Attorney General.

(n) EFFECTIVE DATE.—

(1) IN GENERAL.—Except as otherwise provided in this section, the amendments made by this section shall take effect upon the expiration of the 18-month period beginning on the date of the enactment of this Act, and shall apply to any application for patent, and to any patent issuing thereon, that contains or contained at any time—

(A) a claim to a claimed invention that has an effective filing date as defined in section 100(i) of title 35, United States Code, that is on or after the effective date described in this paragraph; or

(B) a specific reference under section 120, 121, or 365(c) of title 35, United States Code, to any patent or application that contains or contained at any time such a claim.

(2) INTERFERING PATENTS.—The provisions of sections 102(g), 135, and 291 of title 35, United States Code, as in effect on the day before the effective date set forth in paragraph (1) of this subsection, shall apply to each claim of an application for patent, and any patent issued thereon, for which the amendments made by this section also apply, if such application or patent contains or contained at any time—

(A) a claim to an invention having an effective filing date as defined in section 100(i) of title 35, United States Code, that occurs before the effective date set forth in paragraph (1) of this subsection; or

(B) a specific reference under section 120, 121, or 365(c) of title 35, United States Code, to any patent or application that contains or contained at any time such a claim.

(o) STUDY OF PATENT LITIGATION.—

(1) GAO STUDY.—The Comptroller General of the United States shall conduct a study of the consequences of litigation by non-practicing entities, or by patent assertion entities, related to patent claims made under title 35, United States Code, and regulations authorized by that title.

(2) CONTENTS OF STUDY.—The study conducted under this subsection shall include the following:

(A) The annual volume of litigation described in paragraph (1) over the 20-year period ending on the date of the enactment of this Act.

(B) The volume of cases comprising such litigation that are found to be without merit after judicial review.

(C) The impacts of such litigation on the time required to resolve patent claims.

(D) The estimated costs, including the estimated cost of defense, associated with such litigation for patent holders, patent licensors, patent licensees, and inventors, and for users of alternate or competing innovations.

(E) The economic impact of such litigation on the economy of the United States, including the impact on inventors, job creation, employers, employees, and consumers.

(F) The benefit to commerce, if any, supplied by non-practicing entities or patent assertion entities that prosecute such litigation.

(3) REPORT TO CONGRESS.—The Comptroller General shall, not later than the date that is 1 year after the date of the enactment of this Act, submit to the Committee on the Judiciary of the House of Representatives and the Committee on the Judiciary of the Senate a report on the results of the study required under this subsection, including recommendations for any changes to laws and regulations that will minimize any negative impact of patent litigation that was the subject of such study.

(p) SENSE OF CONGRESS.—It is the sense of the Congress that converting the United States patent registration system from "first inventor to use" to a system of "first inventor to file" will promote the progress of science by securing for limited times to inventors the exclusive rights to their discoveries and provide inventors with greater certainty regarding the scope of protection granted by the exclusive rights to their discoveries.

(q) SENSE OF CONGRESS.—It is the sense of the Congress that converting the United States patent registration system from "first inventor to use" to a system of "first inventor to file" will harmonize the United States patent registration system with the patent registration systems commonly used in nearly all other countries throughout the world with whom the United States conducts trade and thereby promote a greater sense of international uniformity and certainty in the procedures used for securing the exclusive rights of inventors to their discoveries.

SEC. 4. INVENTOR'S OATH OR DECLARATION.

(a) INVENTOR'S OATH OR DECLARATION.—

(1) IN GENERAL.—Section 115 of title 35, United States Code, is amended to read as follows:

"§ 115. Inventor's oath or declaration

"(a) NAMING THE INVENTOR; INVENTOR'S OATH OR DECLARATION.—An application for patent that is filed under section 111(a) or commences the national stage under section 371 shall include, or be amended to include, the name of the inventor for any invention claimed in the application. Except as otherwise provided in this section, each individual who is the inventor or a joint inventor of a claimed invention in an application for patent shall execute an oath or declaration in connection with the application.

"(b) REQUIRED STATEMENTS.—An oath or declaration under subsection (a) shall contain statements that—

"(1) the application was made or was authorized to be made by the affiant or declarant; and

"(2) such individual believes himself or herself to be the original inventor or an original joint inventor of a claimed invention in the application.

"(c) ADDITIONAL REQUIREMENTS.—The Director may specify additional information relating to the inventor and the invention that is required to be included in an oath or declaration under subsection (a).

"(d) SUBSTITUTE STATEMENT.—

"(1) IN GENERAL.—In lieu of executing an oath or declaration under subsection (a), the applicant for patent may provide a substitute statement under

the circumstances described in paragraph (2) and such additional circumstances that the Director may specify by regulation.

"(2) PERMITTED CIRCUMSTANCES.—A substitute statement under paragraph (1) is permitted with respect to any individual who—

"(A) is unable to file the oath or declaration under subsection (a) because the individual—

"(i) is deceased;

"(ii) is under legal incapacity; or

"(iii) cannot be found or reached after diligent effort; or

"(B) is under an obligation to assign the invention but has refused to make the oath or declaration required under subsection (a).

"(3) CONTENTS.—A substitute statement under this subsection shall—

"(A) identify the individual with respect to whom the statement applies;

"(B) set forth the circumstances representing the permitted basis for the filing of the substitute statement in lieu of the oath or declaration under subsection (a); and

"(C) contain any additional information, including any showing, required by the Director.

"(e) MAKING REQUIRED STATEMENTS IN ASSIGNMENT OF RECORD.—An individual who is under an obligation of assignment of an application for patent may include the required statements under subsections (b) and (c) in the assignment executed by the individual, in lieu of filing such statements separately.

"(f) TIME FOR FILING.—A notice of allowance under section 151 may be provided to an applicant for patent only if the applicant for patent has filed each required oath or declaration under subsection (a) or has filed a substitute statement under subsection (d) or recorded an assignment meeting the requirements of subsection (e).

"(g) EARLIER-FILED APPLICATION CONTAINING REQUIRED STATEMENTS OR SUBSTITUTE STATEMENT.—

"(1) EXCEPTION.—The requirements under this section shall not apply to an individual with respect to an application for patent in which the individual is named as the inventor or a joint inventor and who claims the benefit under section 120, 121, or 365(c) of the filing of an earlier-filed application, if—

"(A) an oath or declaration meeting the requirements of subsection (a) was executed by the individual and was filed in connection with the earlier-filed application;

"(B) a substitute statement meeting the requirements of subsection (d) was filed in connection with the earlier filed application with respect to the individual; or

"(C) an assignment meeting the requirements of subsection (e) was executed with respect to the earlier-filed application by the individual and was recorded in connection with the earlier-filed application.

"(2) COPIES OF OATHS, DECLARATIONS, STATEMENTS, OR ASSIGNMENTS.—Notwithstanding paragraph (1), the Director may require that a copy of the executed oath or declaration, the substitute statement, or the assignment filed in connection with the earlier-filed application be included in the later-filed application.

"(h) SUPPLEMENTAL AND CORRECTED STATEMENTS; FILING ADDITIONAL STATEMENTS.—

"(1) IN GENERAL.—Any person making a statement required under this section may withdraw, replace, or otherwise correct the statement at any time. If a change is made in the naming of the inventor requiring the filing of 1 or more additional statements under this section, the Director shall establish regulations under which such additional statements may be filed.

"(2) SUPPLEMENTAL STATEMENTS NOT REQUIRED.—If an individual has executed an oath or declaration meeting the requirements of subsection (a) or an assignment meeting the requirements of subsection (e) with respect to an application for patent, the Director may not thereafter require that individual to make any additional oath, declaration, or other statement equivalent to those required by this section in connection with the application for patent or any patent issuing thereon.

"(3) SAVINGS CLAUSE.—A patent shall not be invalid or unenforceable based upon the failure to comply with a requirement under this section if the failure is remedied as provided under paragraph (1).

"(i) ACKNOWLEDGMENT OF PENALTIES.—Any declaration or statement filed pursuant to this section shall contain an acknowledgment that any willful false statement made in such declaration or statement is punishable under section 1001 of title 18 by fine or imprisonment of not more than 5 years, or both.".

(2) RELATIONSHIP TO DIVISIONAL APPLICATIONS.—Section 121 of title 35, United States Code, is amended by striking "If a divisional application" and all that follows through "inventor.".

(3) REQUIREMENTS FOR NONPROVISIONAL APPLICATIONS.—Section 111(a) of title 35, United States Code, is amended—

(A) in paragraph (2)(C), by striking "by the applicant" and inserting "or declaration";

(B) in the heading for paragraph (3), by inserting "OR DECLARATION" after "AND OATH"; and

(C) by inserting "or declaration" after "and oath" each place it appears.

(4) CONFORMING AMENDMENT.—The item relating to section 115 in the table of sections for chapter 11 of title 35, United States Code, is amended to read as follows:

"115. Inventor's oath or declaration.".

(b) FILING BY OTHER THAN INVENTOR.—

(1) IN GENERAL.—Section 118 of title 35, United States Code, is amended to read as follows:

"§ 118. Filing by other than inventor

"A person to whom the inventor has assigned or is under an obligation to assign the invention may make an application for patent. A person who otherwise shows sufficient proprietary interest in the matter may make an application for patent on behalf of and as agent for the inventor on proof of the pertinent facts and a showing that such action is appropriate to preserve the rights of the parties. If the Director grants a patent on an application filed under this section by a person other than the inventor, the patent shall be granted to the real party in interest and upon such notice to the inventor as the Director considers to be sufficient.".

(2) CONFORMING AMENDMENT.—Section 251 of title 35, United States Code, is amended in the third undesignated paragraph by inserting "or the application for the original patent was filed by the assignee of the entire interest" after "claims of the original patent".

(c) SPECIFICATION.—Section 112 of title 35, United States Code, is amended—

(1) in the first undesignated paragraph—

(A) by striking "The specification" and inserting "(a) IN GENERAL.—The specification"; and

(B) by striking "of carrying out his invention" and inserting "or joint inventor of carrying out the invention";

(2) in the second undesignated paragraph—

(A) by striking "The specification" and inserting "(b) CONCLUSION.—The specification"; and

(B) by striking "applicant regards as his invention" and inserting "inventor or a joint inventor regards as the invention";

(3) in the third undesignated paragraph, by striking "A claim" and inserting "(c) FORM.—A claim";

(4) in the fourth undesignated paragraph, by striking "Subject to the following paragraph," and inserting "(d) REFERENCE IN DEPENDENT FORMS.—Subject to subsection (e),";

(5) in the fifth undesignated paragraph, by striking "A claim" and inserting "(e) REFERENCE IN MULTIPLE DEPENDENT FORM.—A claim"; and

(6) in the last undesignated paragraph, by striking "An element" and inserting "(f) ELEMENT IN CLAIM FOR A COMBINATION.—An element".

(d) CONFORMING AMENDMENTS.—

(1) Sections 111(b)(1)(A) of title 35, United States Code, is amended by striking "the first paragraph of section 112 of this title" and inserting "section 112(a)".

(2) Section 111(b)(2) of title 35, United States Code, is amended by striking "the second through fifth paragraphs of section 112," and inserting "subsections (b) through (e) of section 112,".

(e) EFFECTIVE DATE.—The amendments made by this section shall take effect upon the expiration of the 1-year period beginning on the date of the enactment of this Act and shall apply to any patent application that is filed on or after that effective date.

SEC. 5. DEFENSE TO INFRINGEMENT BASED ON EARLIER INVENTOR.

Section 273 of title 35, United States Code, is amended as follows:

(1) Subsection (a) is amended—

(A) in paragraph (1)—

(i) by striking "use of a method in" and inserting "use of the subject matter of a patent in"; and

(ii) by adding "and" after the semicolon;

(B) in paragraph (2), by striking the semicolon at the end of subparagraph (B) and inserting a period; and

(C) by striking paragraphs (3) and (4).

(2) Subsection (b) is amended—

(A) in paragraph (1)—

(i) by striking "for a method"; and

(ii) by striking "at least 1 year" and all that follows through the end and inserting "and commercially used the subject matter at least 1 year before the effective filing date of the claimed invention that is the subject matter of the patent.";

(B) in paragraph (2), by striking "patented method" and inserting "patented process";

(C) in paragraph (3)—

(i) by striking subparagraph (A);

(ii) by striking subparagraph (B) and inserting the following:

"(A) DERIVATION AND PRIOR DISCLOSURE TO THE PUBLIC.—A person may not assert the defense under this section if—

"(i) the subject matter on which the defense is based was derived from the patentee or persons in privity with the patentee; or

"(ii) the claimed invention that is the subject of the defense was disclosed to the public in a manner that qualified for the exception from the prior art under section 102(b) and the commercialization date relied upon under paragraph (1) of this subsection for establishing entitlement to the defense is less than 1 year before the date of such disclosure to the public;";

(iii) by redesignating subparagraph (C) as subparagraph (B); and

(iv) by adding at the end the following:

"(C) FUNDING.—

"(i) DEFENSE NOT AVAILABLE IN CERTAIN CASES.—A person may not assert the defense under this section if the subject matter of the patent on which the defense is based was developed pursuant to a funding agreement under chapter 18 or by a nonprofit institution of higher education, or a technology transfer organization affiliated with such an institution, that did not receive funding from a private business enterprise in support of that development.

"(ii) DEFINITIONS.—In this subparagraph—

"(I) the term 'institution of higher education' has the meaning given that term in section 101(a) of the Higher Education Act of 1965 (20 U.S.C. 1001(a)); and

"(II) the term 'technology transfer organization' means an organization the primary purpose of which is to facilitate the commercialization of technologies developed by one or more institutions of higher education."; and

(D) by amending paragraph (6) to read as follows:

"(6) PERSONAL DEFENSE.—

"(A) IN GENERAL.—The defense under this section may be asserted only by the person who performed or caused the performance of the acts necessary to establish the defense, as well as any other entity that controls, is controlled by, or is under common control with such person, and, except for any transfer to the patent owner, the right to assert the defense shall not be licensed or assigned or transferred to another person except as an ancillary and subordinate part of a good faith assignment or transfer for other reasons of the entire enterprise or line of business to which the defense relates.

"(B) EXCEPTION.—Notwithstanding subparagraph (A), any person may, on the person's own behalf, assert a defense based on the exhaustion of rights provided under paragraph (2), including any necessary elements thereof.".

SEC. 6. POST-GRANT REVIEW PROCEEDINGS.

(a) INTER PARTES REVIEW.—Chapter 31 of title 35, United States Code, is amended to read as follows:

"CHAPTER 31—INTER PARTES REVIEW

"Sec.
"311. Inter partes review.
"312. Petitions.
"313. Preliminary response to petition.
"314. Institution of inter partes review.

"315. Relation to other proceedings or actions.
"316. Conduct of inter partes review.
"317. Settlement.
"318. Decision of the Board.
"319. Appeal.

"§ 311. Inter partes review

"(a) IN GENERAL.—Subject to the provisions of this chapter, a person who is not the owner of a patent may file with the Office a petition to institute an inter partes review of the patent. The Director shall establish, by regulation, fees to be paid by the person requesting the review, in such amounts as the Director determines to be reasonable, considering the aggregate costs of the review.

"(b) SCOPE.—A petitioner in an inter partes review may request to cancel as unpatentable 1 or more claims of a patent only on a ground that could be raised under section 102 or 103 and only on the basis of prior art consisting of patents or printed publications.

"(c) FILING DEADLINE.—A petition for inter partes review shall be filed after the later of either—

"(1) the date that is 1 year after the grant of a patent or issuance of a reissue of a patent; or

"(2) if a post-grant review is instituted under chapter 32, the date of the termination of such post-grant review.

"§ 312. Petitions

"(a) REQUIREMENTS OF PETITION.—A petition filed under section 311 may be considered only if—

"(1) the petition is accompanied by payment of the fee established by the Director under section 311;

"(2) the petition identifies all real parties in interest;

"(3) the petition identifies, in writing and with particularity, each claim challenged, the grounds on which the challenge to each claim is based, and the evidence that supports the grounds for the challenge to each claim, including—

"(A) copies of patents and printed publications that the petitioner relies upon in support of the petition; and

"(B) affidavits or declarations of supporting evidence and opinions, if the petitioner relies on expert opinions;

"(4) the petition provides such other information as the Director may require by regulation; and

"(5) the petitioner provides copies of any of the documents required under paragraphs (2), (3), and (4) to the patent owner or, if applicable, the designated representative of the patent owner.

"(b) PUBLIC AVAILABILITY.—As soon as practicable after the receipt of a petition under section 311, the Director shall make the petition available to the public.

"§ 313. Preliminary response to petition

"If an inter partes review petition is filed under section 311, the patent owner shall have the right to file a preliminary response to the petition, within a time period set by the Director, that sets forth reasons why no inter partes review should be instituted based upon the failure of the petition to meet any requirement of this chapter.

"§ 314. Institution of inter partes review

"(a) THRESHOLD.—The Director may not authorize an inter partes review to commence unless the Director determines that the information presented in the petition filed under section 311 and any response filed under section 313 shows that there is a reasonable likelihood that the petitioner would prevail with respect to at least 1 of the claims challenged in the petition.

"(b) TIMING.—The Director shall determine whether to institute an inter partes review under this chapter pursuant to a petition filed under section 311 within 3 months after—

"(1) receiving a preliminary response to the petition under section 313; or

"(2) if no such preliminary response is filed, the last date on which such response may be filed.

"(c) NOTICE.—The Director shall notify the petitioner and patent owner, in writing, of the Director's determination under subsection (a), and shall make such notice available to the public as soon as is practicable. Such notice shall include the date on which the review shall commence.

"(d) NO APPEAL.—The determination by the Director whether to institute an inter partes review under this section shall be final and nonappealable.

"§ 315. Relation to other proceedings or actions

"(a) INFRINGER'S CIVIL ACTION.—

"(1) INTER PARTES REVIEW BARRED BY CIVIL ACTION.—An inter partes review may not be instituted if, before the date on which the petition for such a review is filed, the petitioner, real party in interest, or privy of the petitioner filed a civil action challenging the validity of a claim of the patent.

"(2) STAY OF CIVIL ACTION.—If the petitioner, real party in interest, or privy of the petitioner files a civil action challenging the validity of a claim of the patent on or after the date on which the petitioner files a petition for inter partes review of the patent, that civil action shall be automatically stayed until either—

"(A) the patent owner moves the court to lift the stay;

"(B) the patent owner files a civil action or counterclaim alleging that the petitioner, real party in interest, or privy of the petitioner has infringed the patent; or

"(C) the petitioner, real party in interest, or privy of the petitioner moves the court to dismiss the civil action.

"(3) TREATMENT OF COUNTERCLAIM.—A counterclaim challenging the validity of a claim of a patent does not constitute a civil action challenging the validity of a claim of a patent for purposes of this subsection.

"(b) PATENT OWNER'S ACTION.—An inter partes review may not be instituted if the petition requesting the proceeding is filed more than 1 year after the date on which the petitioner, real party in interest, or privy of the petitioner is served with a complaint alleging infringement of the patent. The time limitation set forth in the preceding sentence shall not apply to a request for joinder under subsection (c).

"(c) JOINDER.—If the Director institutes an inter partes review, the Director, in his or her discretion, may join as a party to that inter partes review any person who properly files a petition under section 311 that the Director, after receiving a preliminary response under section 313 or the expiration of the time for filing such a response, determines warrants the institution of an inter partes review under section 314.

"(d) MULTIPLE PROCEEDINGS.—Notwithstanding sections 135(a), 251, and 252, and chapter 30, during the pendency of an inter partes review, if another proceeding or matter involving the patent is before the Office, the Director may determine the manner in which the inter partes review or other proceeding or matter may proceed, including providing for stay, transfer, consolidation, or termination of any such matter or proceeding.

"(e) ESTOPPEL.—

"(1) PROCEEDINGS BEFORE THE OFFICE.—The petitioner in an inter partes review of a claim in a patent under this chapter that results in a final written decision under section 318(a), or the real party in interest or privy of the petitioner, may not request or maintain a proceeding before the Office with respect to that claim on any ground that the petitioner raised or reasonably could have raised during that inter partes review.

"(2) CIVIL ACTIONS AND OTHER PROCEEDINGS.—The petitioner in an inter partes review of a claim in a patent under this chapter that results in a final written decision under section 318(a), or the real party in interest or privy of the petitioner, may not assert either in a civil action arising in whole or in part under section 1338 of title 28 or in a proceeding before the International Trade Commission under section 337 of the Tariff Act of 1930 that the claim is invalid on any ground that the petitioner raised or reasonably could have raised during that inter partes review.

"§ 316. Conduct of inter partes review

"(a) REGULATIONS.—The Director shall prescribe regulations—

"(1) providing that the file of any proceeding under this chapter shall be made available to the public, except that any petition or document filed with the intent that it be sealed shall, if accompanied by a motion to seal, be treated as sealed pending the outcome of the ruling on the motion;

"(2) setting forth the standards for the showing of sufficient grounds to institute a review under section 314(a);

"(3) establishing procedures for the submission of supplemental information after the petition is filed;

"(4) establishing and governing inter partes review under this chapter and the relationship of such review to other proceedings under this title;

"(5) setting forth standards and procedures for discovery of relevant evidence, including that such discovery shall be limited to—

"(A) the deposition of witnesses submitting affidavits or declarations; and

"(B) what is otherwise necessary in the interest of justice;

"(6) prescribing sanctions for abuse of discovery, abuse of process, or any other improper use of the proceeding, such as to harass or to cause unnecessary delay or an unnecessary increase in the cost of the proceeding;

"(7) providing for protective orders governing the exchange and submission of confidential information;

"(8) providing for the filing by the patent owner of a response to the petition under section 313 after an inter partes review has been instituted, and requiring that the patent owner file with such response, through affidavits or declarations, any additional factual evidence and expert opinions on which the patent owner relies in support of the response;

"(9) setting forth standards and procedures for allowing the patent owner to move to amend the patent under subsection (d) to cancel a challenged claim or propose a reasonable number of substitute claims, and ensuring that any information submitted by the patent owner in support of any amendment entered under subsection (d) is made available to the public as part of the prosecution history of the patent;

"(10) providing either party with the right to an oral hearing as part of the proceeding;

"(11) requiring that the final determination in an inter partes review be issued not later than 1 year after the date on which the Director notices the institution of a review under this chapter, except that the Director may, for good cause shown, extend the 1-year period by not more than 6 months, and may adjust the time periods in this paragraph in the case of joinder under section 315(c);

"(12) setting a time period for requesting joinder under section 315(c); and

"(13) providing the petitioner with at least 1 opportunity to file written comments within a time period established by the Director.

"(b) CONSIDERATIONS.—In prescribing regulations under this section, the Director shall consider the effect of any such regulation on the economy, the integrity of the patent system, the efficient administration of the Office, and the ability of the Office to timely complete proceedings instituted under this chapter.

"(c) PATENT TRIAL AND APPEAL BOARD.—The Patent Trial and Appeal Board shall, in accordance with section 6, conduct each inter partes review instituted under this chapter.

"(d) AMENDMENT OF THE PATENT.—

"(1) IN GENERAL.—During an inter partes review instituted under this chapter, the patent owner may file 1 motion to amend the patent in 1 or more of the following ways:

"(A) Cancel any challenged patent claim.

"(B) For each challenged claim, propose a reasonable number of substitute claims.

"(2) ADDITIONAL MOTIONS.—Additional motions to amend may be permitted upon the joint request of the petitioner and the patent owner to materially advance the settlement of a proceeding under section 317, or as permitted by regulations prescribed by the Director.

"(3) SCOPE OF CLAIMS.—An amendment under this subsection may not enlarge the scope of the claims of the patent or introduce new matter.

"(e) EVIDENTIARY STANDARDS.—In an inter partes review instituted under this chapter, the petitioner shall have the burden of proving a proposition of unpatentability by a preponderance of the evidence.

"§ 317. Settlement

"(a) IN GENERAL.—An inter partes review instituted under this chapter shall be terminated with respect to any petitioner upon the joint request of the petitioner and the patent owner, unless the Office has decided the merits of the proceeding before the request for termination is filed. If the inter partes review is terminated with respect to a petitioner under this section, no estoppel under section 315(e) shall attach to the petitioner, or to the real party in interest or privy of the petitioner, on the basis of that petitioner's institution of that inter partes review. If no petitioner remains in the inter partes review, the Office may terminate the review or proceed to a final written decision under section 318(a).

"(b) AGREEMENTS IN WRITING.—Any agreement or understanding between the patent owner and a petitioner, including any collateral agreements referred to in such agreement or understanding, made in connection with, or in contemplation of, the termination of an inter partes review under this section shall be in writing and a true copy of such agreement or understanding shall be filed in the Office before the termination of the inter partes review as between the parties. At the request of a party to the proceeding, the agreement or understanding shall be treated as business confidential information, shall be kept separate from the file of the in-

volved patents, and shall be made available only to Federal Government agencies on written request, or to any person on a showing of good cause.

"§ 318. Decision of the Board

"(a) FINAL WRITTEN DECISION.—If an inter partes review is instituted and not dismissed under this chapter, the Patent Trial and Appeal Board shall issue a final written decision with respect to the patentability of any patent claim challenged by the petitioner and any new claim added under section 316(d).

"(b) CERTIFICATE.—If the Patent Trial and Appeal Board issues a final written decision under subsection (a) and the time for appeal has expired or any appeal has terminated, the Director shall issue and publish a certificate canceling any claim of the patent finally determined to be unpatentable, confirming any claim of the patent determined to be patentable, and incorporating in the patent by operation of the certificate any new or amended claim determined to be patentable.

"(c) AMENDED OR NEW CLAIM.—Any proposed amended or new claim determined to be patentable and incorporated into a patent following an inter partes review under this chapter shall have the same effect as that specified in section 252 for reissued patents on the right of any person who made, purchased, or used within the United States, or imported into the United States, anything patented by such proposed amended or new claim, or who made substantial preparation therefor, before the issuance of a certificate under subsection (b).

"(d) DATA ON LENGTH OF REVIEW.—The Office shall make available to the public data describing the length of time between the institution of, and the issuance of a final written decision under subsection (a) for, each inter partes review.

"§ 319. Appeal

"A party dissatisfied with the final written decision of the Patent Trial and Appeal Board under section 318(a) may appeal the decision pursuant to sections 141 through 144. Any party to the inter partes review shall have the right to be a party to the appeal.".

(b) CONFORMING AMENDMENT.—The table of chapters for part III of title 35, United States Code, is amended by striking the item relating to chapter 31 and inserting the following:

"31. Inter Partes Review ..... 311".

(c) REGULATIONS AND EFFECTIVE DATE.—

(1) REGULATIONS.—The Director shall, not later than the date that is 1 year after the date of the enactment of this Act, issue regulations to carry out chapter 31 of title 35, United States Code, as amended by subsection (a) of this section.

(2) APPLICABILITY.—

(A) IN GENERAL.—The amendments made by subsection (a) shall take effect upon the expiration of the 1-year period beginning on the date of the enactment of this Act and shall apply to any patent issued before, on, or after that effective date.

(B) GRADUATED IMPLEMENTATION.—The Director may impose a limit on the number of inter partes reviews that may be instituted under chapter 31 of title 35, United States Code, during each of the first 4 1-year periods in which the amendments made by subsection (a) are in effect, if such number in each year equals or exceeds the number of inter partes reexaminations that are ordered under chapter 31 of title 35, United States Code, in the last fiscal year ending before the effective date of the amendments made by subsection (a).

(d) POST-GRANT REVIEW.—Part III of title 35, United States Code, is amended by adding at the end the following:

"CHAPTER 32—POST-GRANT REVIEW

"Sec.
"321. Post-grant review.
"322. Petitions.
"323. Preliminary response to petition.
"324. Institution of post-grant review.
"325. Relation to other proceedings or actions.
"326. Conduct of post-grant review.
"327. Settlement.
"328. Decision of the Board.
"329. Appeal.

"§ 321. Post-grant review

"(a) IN GENERAL.—Subject to the provisions of this chapter, a person who is not the patent owner may file with the Office a petition to institute a post-grant review of a patent. The Director shall establish, by regulation, fees to be paid by the person

requesting the review, in such amounts as the Director determines to be reasonable, considering the aggregate costs of the post-grant review.

"(b) SCOPE.—A petitioner in a post-grant review may request to cancel as unpatentable 1 or more claims of a patent on any ground that could be raised under paragraph (2) or (3) of section 282(b) (relating to invalidity of the patent or any claim).

"(c) FILING DEADLINE.—A petition for a post-grant review may only be filed not later than the date that is 1 year after the date of the grant of the patent or of the issuance of a reissue patent (as the case may be).

"§ 322. Petitions

"(a) REQUIREMENTS OF PETITION.—A petition filed under section 321 may be considered only if—

"(1) the petition is accompanied by payment of the fee established by the Director under section 321;

"(2) the petition identifies all real parties in interest;

"(3) the petition identifies, in writing and with particularity, each claim challenged, the grounds on which the challenge to each claim is based, and the evidence that supports the grounds for the challenge to each claim, including—

"(A) copies of patents and printed publications that the petitioner relies upon in support of the petition; and

"(B) affidavits or declarations of supporting evidence and opinions, if the petitioner relies on other factual evidence or on expert opinions;

"(4) the petition provides such other information as the Director may require by regulation; and

"(5) the petitioner provides copies of any of the documents required under paragraphs (2), (3), and (4) to the patent owner or, if applicable, the designated representative of the patent owner.

"(b) PUBLIC AVAILABILITY.—As soon as practicable after the receipt of a petition under section 321, the Director shall make the petition available to the public.

"§ 323. Preliminary response to petition

"If a post-grant review petition is filed under section 321, the patent owner shall have the right to file a preliminary response to the petition, within a time period set by the Director, that sets forth reasons why no post-grant review should be instituted based upon the failure of the petition to meet any requirement of this chapter.

"§ 324. Institution of post-grant review

"(a) THRESHOLD.—The Director may not authorize a post-grant review to commence unless the Director determines that the information presented in the petition filed under section 321, if such information is not rebutted, would demonstrate that it is more likely than not that at least 1 of the claims challenged in the petition is unpatentable.

"(b) ADDITIONAL GROUNDS.—The determination required under subsection (a) may also be satisfied by a showing that the petition raises a novel or unsettled legal question that is important to other patents or patent applications.

"(c) TIMING.—The Director shall determine whether to institute a post-grant review under this chapter pursuant to a petition filed under section 321 within 3 months after—

"(1) receiving a preliminary response to the petition under section 323; or

"(2) if no such preliminary response is filed, the last date on which such response may be filed.

"(d) NOTICE.—The Director shall notify the petitioner and patent owner, in writing, of the Director's determination under subsection (a) or (b), and shall make such notice available to the public as soon as is practicable. The Director shall make each notice of the institution of a post-grant review available to the public. Such notice shall include the date on which the review shall commence.

"(e) NO APPEAL.—The determination by the Director whether to institute a post-grant review under this section shall be final and nonappealable.

"§ 325. Relation to other proceedings or actions

"(a) INFRINGER'S CIVIL ACTION.—

"(1) POST-GRANT REVIEW BARRED BY CIVIL ACTION.—A post-grant review may not be instituted under this chapter if, before the date on which the petition for such a review is filed, the petitioner, real party in interest, or privy of the petitioner filed a civil action challenging the validity of a claim of the patent.

"(2) STAY OF CIVIL ACTION.—If the petitioner, real party in interest, or privy of the petitioner files a civil action challenging the validity of a claim of the pat-

ent on or after the date on which the petitioner files a petition for post-grant review of the patent, that civil action shall be automatically stayed until either—

"(A) the patent owner moves the court to lift the stay;

"(B) the patent owner files a civil action or counterclaim alleging that the petitioner, real party in interest, or privy of the petitioner has infringed the patent; or

"(C) the petitioner, real party in interest, or privy of the petitioner moves the court to dismiss the civil action.

"(3) TREATMENT OF COUNTERCLAIM.—A counterclaim challenging the validity of a claim of a patent does not constitute a civil action challenging the validity of a claim of a patent for purposes of this subsection.

"(b) PRELIMINARY INJUNCTIONS.—If a civil action alleging infringement of a patent is filed within 3 months after the date on which the patent is granted, the court may not stay its consideration of the patent owner's motion for a preliminary injunction against infringement of the patent on the basis that a petition for post-grant review has been filed under this chapter or that such a post-grant review has been instituted under this chapter.

"(c) JOINDER.—If more than 1 petition for a post-grant review under this chapter is properly filed against the same patent and the Director determines that more than 1 of these petitions warrants the institution of a post-grant review under section 324, the Director may consolidate such reviews into a single post-grant review.

"(d) MULTIPLE PROCEEDINGS.—Notwithstanding sections 135(a), 251, and 252, and chapter 30, during the pendency of any post-grant review under this chapter, if another proceeding or matter involving the patent is before the Office, the Director may determine the manner in which the post-grant review or other proceeding or matter may proceed, including providing for the stay, transfer, consolidation, or termination of any such matter or proceeding. In determining whether to institute or order a proceeding under this chapter, chapter 30, or chapter 31, the Director may take into account whether, and reject the petition or request because, the same or substantially the same prior art or arguments previously were presented to the Office.

"(e) ESTOPPEL.—

"(1) PROCEEDINGS BEFORE THE OFFICE.—The petitioner in a post-grant review of a claim in a patent under this chapter that results in a final written decision under section 328(a), or the real party in interest or privy of the petitioner, may not request or maintain a proceeding before the Office with respect to that claim on any ground that the petitioner raised or reasonably could have raised during that post-grant review.

"(2) CIVIL ACTIONS AND OTHER PROCEEDINGS.—The petitioner in a post-grant review of a claim in a patent under this chapter that results in a final written decision under section 328(a), or the real party in interest or privy of the petitioner, may not assert either in a civil action arising in whole or in part under section 1338 of title 28 or in a proceeding before the International Trade Commission under section 337 of the Tariff Act of 1930 that the claim is invalid on any ground that the petitioner raised or reasonably could have raised during that post-grant review.

"(f) REISSUE PATENTS.—A post-grant review may not be instituted under this chapter if the petition requests cancellation of a claim in a reissue patent that is identical to or narrower than a claim in the original patent from which the reissue patent was issued, and the time limitations in section 321(c) would bar filing a petition for a post-grant review for such original patent.

"§ 326. Conduct of post-grant review

"(a) REGULATIONS.—The Director shall prescribe regulations—

"(1) providing that the file of any proceeding under this chapter shall be made available to the public, except that any petition or document filed with the intent that it be sealed shall, if accompanied by a motion to seal, be treated as sealed pending the outcome of the ruling on the motion;

"(2) setting forth the standards for the showing of sufficient grounds to institute a review under subsections (a) and (b) of section 324;

"(3) establishing procedures for the submission of supplemental information after the petition is filed;

"(4) establishing and governing a post-grant review under this chapter and the relationship of such review to other proceedings under this title;

"(5) setting forth standards and procedures for discovery of relevant evidence, including that such discovery shall be limited to evidence directly related to factual assertions advanced by either party in the proceeding;

"(6) prescribing sanctions for abuse of discovery, abuse of process, or any other improper use of the proceeding, such as to harass or to cause unnecessary delay or an unnecessary increase in the cost of the proceeding;

"(7) providing for protective orders governing the exchange and submission of confidential information;

"(8) providing for the filing by the patent owner of a response to the petition under section 323 after a post-grant review has been instituted, and requiring that the patent owner file with such response, through affidavits or declarations, any additional factual evidence and expert opinions on which the patent owner relies in support of the response;

"(9) setting forth standards and procedures for allowing the patent owner to move to amend the patent under subsection (d) to cancel a challenged claim or propose a reasonable number of substitute claims, and ensuring that any information submitted by the patent owner in support of any amendment entered under subsection (d) is made available to the public as part of the prosecution history of the patent;

"(10) providing either party with the right to an oral hearing as part of the proceeding; and

"(11) requiring that the final determination in any post-grant review be issued not later than 1 year after the date on which the Director notices the institution of a proceeding under this chapter, except that the Director may, for good cause shown, extend the 1-year period by not more than 6 months, and may adjust the time periods in this paragraph in the case of joinder under section 325(c).

"(b) CONSIDERATIONS.—In prescribing regulations under this section, the Director shall consider the effect of any such regulation on the economy, the integrity of the patent system, the efficient administration of the Office, and the ability of the Office to timely complete proceedings instituted under this chapter.

"(c) PATENT TRIAL AND APPEAL BOARD.—The Patent Trial and Appeal Board shall, in accordance with section 6, conduct each post-grant review instituted under this chapter.

"(d) AMENDMENT OF THE PATENT.—

"(1) IN GENERAL.—During a post-grant review instituted under this chapter, the patent owner may file 1 motion to amend the patent in 1 or more of the following ways:

"(A) Cancel any challenged patent claim.

"(B) For each challenged claim, propose a reasonable number of substitute claims.

"(2) ADDITIONAL MOTIONS.—Additional motions to amend may be permitted upon the joint request of the petitioner and the patent owner to materially advance the settlement of a proceeding under section 327, or upon the request of the patent owner for good cause shown.

"(3) SCOPE OF CLAIMS.—An amendment under this subsection may not enlarge the scope of the claims of the patent or introduce new matter.

"(e) EVIDENTIARY STANDARDS.—In a post-grant review instituted under this chapter, the petitioner shall have the burden of proving a proposition of unpatentability by a preponderance of the evidence.

"§ 327. Settlement

"(a) IN GENERAL.—A post-grant review instituted under this chapter shall be terminated with respect to any petitioner upon the joint request of the petitioner and the patent owner, unless the Office has decided the merits of the proceeding before the request for termination is filed. If the post-grant review is terminated with respect to a petitioner under this section, no estoppel under section 325(e) shall attach to the petitioner, or to the real party in interest or privy of the petitioner, on the basis of that petitioner's institution of that post-grant review. If no petitioner remains in the post-grant review, the Office may terminate the post-grant review or proceed to a final written decision under section 328(a).

"(b) AGREEMENTS IN WRITING.—Any agreement or understanding between the patent owner and a petitioner, including any collateral agreements referred to in such agreement or understanding, made in connection with, or in contemplation of, the termination of a post-grant review under this section shall be in writing, and a true copy of such agreement or understanding shall be filed in the Office before the termination of the post-grant review as between the parties. At the request of a party to the proceeding, the agreement or understanding shall be treated as business confidential information, shall be kept separate from the file of the involved patents, and shall be made available only to Federal Government agencies on written request, or to any person on a showing of good cause.