

fee and oath may be submitted after the specification and any required drawing are submitted, within such period and under such conditions, including the payment of a surcharge, as may be prescribed by the Commissioner. Upon failure to submit the fee and oath within such prescribed period, the application shall be regarded as abandoned, unless it is shown to the satisfaction of the Commissioner that the delay in submitting the fee and oath was unavoidable. The filing date of an application shall be the date on which the specification and any required drawing are received in the Patent and Trademark Office.”

1982—Pub. L. 97-247 inserted “, or authorized to be made,” after “shall be made”, struck out the colon after “shall include”, struck out “signed by the applicant and” after “The application”, and inserted provisions that the fee and oath may be submitted after the specification and any required drawing are submitted, within such period and under such conditions, including the payment of a surcharge, as may be prescribed by the Commissioner, that upon failure to submit the fee and oath within such prescribed period, the application shall be regarded as abandoned, unless it is shown to the satisfaction of the Commissioner that the delay in submitting the fee and oath was unavoidable, and that the filing date of an application shall be the date on which the specification and any required drawing are received in the Patent and Trademark Office.

EFFECTIVE DATE OF 2012 AMENDMENT

Amendment by section 102(3) of Pub. L. 112-211 effective on the later of the date that is 1 year after Dec. 18, 2012, or the date that the Geneva Act of the Hague Agreement Concerning the International Registration of Industrial Designs enters into force with respect to the United States (May 13, 2015), and applicable only to certain applications filed on and after that effective date and patents issuing thereon, see section 103 of Pub. L. 112-211, set out as a note under section 100 of this title.

Amendment by section 201(a) of Pub. L. 112-211 effective on the date that is 1 year after Dec. 18, 2012, applicable to certain patents and applications for patent, and not effective with respect to patents in litigation commenced before the effective date, see section 203 of Pub. L. 112-211, set out as an Effective Date note under section 27 of this title.

EFFECTIVE DATE OF 2011 AMENDMENT

Pub. L. 112-29, §3(e)(3), Sept. 16, 2011, 125 Stat. 288, provided that: “The amendments made by this subsection [amending this section and repealing section 157 of this title] shall take effect upon the expiration of the 18-month period beginning on the date of the enactment of this Act [Sept. 16, 2011], and shall apply to any request for a statutory invention registration filed on or after that effective date.”

Pub. L. 112-29, §4(e), Sept. 16, 2011, 125 Stat. 297, provided that: “The amendments made by this section [amending this section and sections 112, 115, 118, 121, and 251 of this title] shall take effect upon the expiration of the 1-year period beginning on the date of the enactment of this Act [Sept. 16, 2011] and shall apply to any patent application that is filed on or after that effective date.”

Amendment by section 20(j) of Pub. L. 112-29 effective upon the expiration of the 1-year period beginning on Sept. 16, 2011, and applicable to proceedings commenced on or after that effective date, see section 20(7) of Pub. L. 112-29, set out as a note under section 2 of this title.

EFFECTIVE DATE OF 1999 AMENDMENT

Amendment by section 1000(a)(9) [title IV, §4732(a)(10)(A)] of Pub. L. 106-113 effective 4 months after Nov. 29, 1999, see section 1000(a)(9) [title IV, §4731] of Pub. L. 106-113, set out as a note under section 1 of this title.

Amendment by section 1000(a)(9) [title IV, §4801(a)] of Pub. L. 106-113 effective Nov. 29, 1999, and applicable to

any provisional application filed on or after June 8, 1995, see section 1000(a)(9) [title IV, §4801(d)] of Pub. L. 106-113, set out as a note under section 119 of this title.

EFFECTIVE DATE OF 1994 AMENDMENT

Amendment by Pub. L. 103-465 effective 6 months after Dec. 8, 1994, and applicable to all patent applications filed in the United States on or after that effective date, with provisions relating to earliest filed patent application, see section 534(b)(1), (3) of Pub. L. 103-465, set out as a note under section 154 of this title.

EFFECTIVE DATE OF 1982 AMENDMENT

Amendment by Pub. L. 97-247 effective six months after Aug. 27, 1982, see section 17(c) of Pub. L. 97-247, set out as an Effective Date note under section 294 of this title.

EMERGENCY RELIEF FROM POSTAL SITUATION AFFECTING PATENT, TRADEMARK, AND OTHER FEDERAL CASES

Pub. L. 92-34, June 30, 1971, 85 Stat. 87, provided that a patent or trademark application would be considered filed in the United States Patent Office on the date that it would have been received by the Patent Office except for the delay caused by emergency situation affecting postal service from Mar. 18, 1970 to Mar. 30, 1970, if a claim was made.

§ 112. Specification

(a) IN GENERAL.—The specification shall contain a written description of the invention, and of the manner and process of making and using it, in such full, clear, concise, and exact terms as to enable any person skilled in the art to which it pertains, or with which it is most nearly connected, to make and use the same, and shall set forth the best mode contemplated by the inventor or joint inventor of carrying out the invention.

(b) CONCLUSION.—The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the inventor or a joint inventor regards as the invention.

(c) FORM.—A claim may be written in independent or, if the nature of the case admits, in dependent or multiple dependent form.

(d) REFERENCE IN DEPENDENT FORMS.—Subject to subsection (e), a claim in dependent form shall contain a reference to a claim previously set forth and then specify a further limitation of the subject matter claimed. A claim in dependent form shall be construed to incorporate by reference all the limitations of the claim to which it refers.

(e) REFERENCE IN MULTIPLE DEPENDENT FORM.—A claim in multiple dependent form shall contain a reference, in the alternative only, to more than one claim previously set forth and then specify a further limitation of the subject matter claimed. A multiple dependent claim shall not serve as a basis for any other multiple dependent claim. A multiple dependent claim shall be construed to incorporate by reference all the limitations of the particular claim in relation to which it is being considered.

(f) ELEMENT IN CLAIM FOR A COMBINATION.—An element in a claim for a combination may be expressed as a means or step for performing a specified function without the recital of structure, material, or acts in support thereof, and such claim shall be construed to cover the cor-

responding structure, material, or acts described in the specification and equivalents thereof.

(July 19, 1952, ch. 950, 66 Stat. 798; Pub. L. 89-83, §9, July 24, 1965, 79 Stat. 261; Pub. L. 94-131, §7, Nov. 14, 1975, 89 Stat. 691; Pub. L. 112-29, §4(c), Sept. 16, 2011, 125 Stat. 296.)

HISTORICAL AND REVISION NOTES

Based on Title 35, U.S.C., 1946 ed., §33 (R.S. 4888, amended (1) Mar. 3, 1915, ch. 94, §1, 38 Stat. 958; (2) May 23, 1930, ch. 312, §2, 46 Stat. 376).

The sentence relating to signature of the specification is omitted in view of the general requirement for a signature in section 111.

The last sentence is omitted for inclusion in the chapter relating to plant patents.

The clause relating to machines is omitted as unnecessary and the requirement for disclosing the best mode of carrying out the invention is stated as generally applicable to all types of invention (derived from Title 35, U.S.C., 1946 ed., §69, first defense).

The clause relating to the claim is made a separate paragraph to emphasize the distinction between the description and the claim or definition, and the language is modified.

A new paragraph relating to functional claims is added.

AMENDMENTS

2011—Pub. L. 112-29 designated first to sixth pars. as subsecs. (a) to (f), respectively, inserted headings, in subsec. (a), substituted “or joint inventor of carrying out the invention” for “of carrying out his invention”, in subsec. (b), substituted “inventor or a joint inventor regards as the invention” for “applicant regards as his invention”, and, in subsec. (d), substituted “Subject to subsection (e),” for “Subject to the following paragraph.”

1975—Pub. L. 94-131 substituted provision authorizing the writing of claims, if the nature of the case admits, in dependent or multiple dependent form for prior provision for writing claims in dependent form, required claims in dependent form to contain a reference to a claim previously set forth and then specify a further limitation of the subject matter claimed, substituted text respecting construction of a claim in dependent form so as to incorporate by reference all the limitations of the claim to which it refers for prior text for construction of a dependent claim to include all the limitations of the claim incorporated by reference into the dependent claim, and inserted paragraph respecting certain requirements for claims in multiple dependent form.

1965—Pub. L. 89-83 permitted a claim to be written in independent or dependent form, and if in dependent form, required it to be construed to include all the limitations of the claim incorporated by reference into the dependent claim.

EFFECTIVE DATE OF 2011 AMENDMENT

Amendment by Pub. L. 112-29 effective upon the expiration of the 1-year period beginning on Sept. 16, 2011, and applicable to any patent application that is filed on or after that effective date, see section 4(e) of Pub. L. 112-29, set out as a note under section 111 of this title.

EFFECTIVE DATE OF 1975 AMENDMENT

Amendment by Pub. L. 94-131 effective Jan. 24, 1978, and applicable on and after that date to patent applications filed in the United States and to international applications, where applicable, see section 11 of Pub. L. 94-131, set out as an Effective Date note under section 351 of this title.

EFFECTIVE DATE OF 1965 AMENDMENT

Amendment by Pub. L. 89-83 effective three months after July 24, 1965, see section 7(a) of Pub. L. 89-83, set out as a note under section 41 of this title.

§ 113. Drawings

The applicant shall furnish a drawing where necessary for the understanding of the subject matter sought to be patented. When the nature of such subject matter admits of illustration by a drawing and the applicant has not furnished such a drawing, the Director may require its submission within a time period of not less than two months from the sending of a notice thereof. Drawings submitted after the filing date of the application may not be used (i) to overcome any insufficiency of the specification due to lack of an enabling disclosure or otherwise inadequate disclosure therein, or (ii) to supplement the original disclosure thereof for the purpose of interpretation of the scope of any claim.

(July 19, 1952, ch. 950, 66 Stat. 799; Pub. L. 94-131, §8, Nov. 14, 1975, 89 Stat. 691; Pub. L. 106-113, div. B, §1000(a)(9) [title IV, §4732(a)(10)(A)], Nov. 29, 1999, 113 Stat. 1536, 1501A-582; Pub. L. 107-273, div. C, title III, §13206(b)(1)(B), Nov. 2, 2002, 116 Stat. 1906.)

HISTORICAL AND REVISION NOTES

Based on Title 35, U.S.C., 1946 ed., §34, part (R.S. 4889, amended Mar. 3, 1915, ch. 94, §2, 38 Stat. 958).

The requirement for signature in the corresponding section of existing statute is omitted; regulations of the Patent Office can take care of any substitute. A redundant clause is omitted.

AMENDMENTS

2002—Pub. L. 107-273 made technical correction to directory language of Pub. L. 106-113. See 1999 Amendment note below.

1999—Pub. L. 106-113, as amended by Pub. L. 107-273, substituted “Director” for “Commissioner”.

1975—Pub. L. 94-131 substituted provisions respecting drawings requiring necessary-for-understanding drawings and submission of drawings within prescribed time period and limiting use of drawings submitted after filing date of application for prior provision requiring the applicant to furnish a drawing when the nature of the case admitted it.

EFFECTIVE DATE OF 1999 AMENDMENT

Amendment by Pub. L. 106-113 effective 4 months after Nov. 29, 1999, see section 1000(a)(9) [title IV, §4731] of Pub. L. 106-113, set out as a note under section 1 of this title.

EFFECTIVE DATE OF 1975 AMENDMENT

Amendment by Pub. L. 94-131 effective Jan. 24, 1978, and applicable on and after that date to patent applications filed in the United States and to international applications, where applicable, see section 11 of Pub. L. 94-131, set out as an Effective Date note under section 351 of this title.

§ 114. Models, specimens

The Director may require the applicant to furnish a model of convenient size to exhibit advantageously the several parts of his invention.

When the invention relates to a composition of matter, the Director may require the applicant to furnish specimens or ingredients for the purpose of inspection or experiment.

(July 19, 1952, ch. 950, 66 Stat. 799; Pub. L. 106-113, div. B, §1000(a)(9) [title IV, §4732(a)(10)(A)], Nov. 29, 1999, 113 Stat. 1536, 1501A-582; Pub. L. 107-273, div. C, title III, §13206(b)(1)(B), Nov. 2, 2002, 116 Stat. 1906.)