

“(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.”

**EFFECTIVE DATE OF 1999 AMENDMENT**

Amendment by Pub. L. 106-113 effective Nov. 29, 1999, and applicable to any patent issuing from an original application filed in the United States on or after that date, see section 1000(a)(9) [title IV, § 4608(a)] of Pub. L. 106-113, set out as a note under section 41 of this title.

**§ 101. Inventions patentable**

Whoever invents or discovers any new and useful process, machine, manufacture, or composition of matter, or any new and useful improvement thereof, may obtain a patent therefor, subject to the conditions and requirements of this title.

(July 19, 1952, ch. 950, 66 Stat. 797.)

**HISTORICAL AND REVISION NOTES**

Based on Title 35, U.S.C., 1946 ed., § 31 (R.S. 4886, amended (1) Mar. 3, 1897, ch. 391, § 1, 29 Stat. 692, (2) May 23, 1930, ch. 312, § 1, 46 Stat. 376, (3) Aug. 5, 1939, ch. 450, § 1, 53 Stat. 1212).

The corresponding section of existing statute is split into two sections, section 101 relating to the subject matter for which patents may be obtained, and section 102 defining statutory novelty and stating other conditions for patentability.

Section 101 follows the wording of the existing statute as to the subject matter for patents, except that reference to plant patents has been omitted for incorporation in section 301 and the word “art” has been replaced by “process”, which is defined in section 100. The word “art” in the corresponding section of the existing statute has a different meaning than the same word as used in other places in the statute; it has been interpreted by the courts as being practically synonymous with process or method. “Process” has been used as its meaning is more readily grasped than “art” as interpreted, and the definition in section 100(b) makes it clear that “process or method” is meant. The remainder of the definition clarifies the status of processes or methods which involve merely the new use of a known process, machine, manufacture, composition of matter, or material; they are processes or methods under the statute and may be patented provided the conditions for patentability are satisfied.

**LIMITATION ON ISSUANCE OF PATENTS**

Pub. L. 112-29, § 33, Sept. 16, 2011, 125 Stat. 340, provided that:

“(a) **LIMITATION.**—Notwithstanding any other provision of law, no patent may issue on a claim directed to or encompassing a human organism.

“(b) **EFFECTIVE DATE.**—

“(1) **IN GENERAL.**—Subsection (a) shall apply to any application for patent that is pending on, or filed on or after, the date of the enactment of this Act [Sept. 16, 2011].

“(2) **PRIOR APPLICATIONS.**—Subsection (a) shall not affect the validity of any patent issued on an application to which paragraph (1) does not apply.”

**§ 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 appli-

cation 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