

PATENT RIGHTS - RETENTION BY THE SELLER (SHORT FORM) - ITER

(a) Definitions.

(1) "Invention" means any invention or discovery which is or may be patentable or otherwise protectable under title 35 of the United States Code, or any novel variety of plant which is or may be protected under the Plant Variety Protection Act (7 U.S.C. 2321, et seq.).

(2) "Subject invention" means any invention of the Seller conceived or first actually reduced to practice in the performance of work under this subcontract, provided that in the case of a variety of plant, the date of determination (as defined in section 41(d) of the Plant Variety Protection Act, 7 U.S.C. 2401(d)) must also occur during the period of subcontract performance.

(3) "Practical application" means to manufacture, in the case of a composition or product; to practice, in the case of a process or method; or to operate, in the case of a machine or system; and, in each case, under such conditions as to establish that the invention is being utilized and that its benefits are, to the extent permitted by law or Government regulations, available to the public on reasonable terms.

(4) "Made" when used in relation to any invention means the conception of first actual reduction to practice of such invention.

(5) "Small business firm" means a small business concern as defined at section 2 of Pub. L. 85-536 (15 U.S.C. 632) and implementing regulations of the Administrator of the Small Business Administration. For the purpose of this clause, the size standards for small business concerns involved in Government procurement and subcontracting at 13 CFR 121.3-8 and 13 CFR 121.3-12, respectively, will be used..

(6) "Nonprofit organization" means a university or other institution of higher education or an organization of the type described in section 501(c)(3) of the Internal Revenue Code of 1954 (26 U.S.C. 501(c)) and exempt from taxation under section 501(a) of the Internal Revenue Code (26 U.S.C. 501(a)) or any nonprofit scientific or educational organization qualified under a state nonprofit organization statute.

(7) "Agency licensing regulations" and "agency regulations concerning the licensing of Government-owned inventions" mean the Department of Energy patent licensing regulations at 10 CFR Part 781.

(8) "DOE Patent Counsel", as used in this clause, means the Department of Energy Patent Counsel assisting the procuring activity, and whose mailing address is:

DOE Patent Counsel
Office of Chief Counsel
Department of Energy
Chicago Office
9800 S. Cass Ave.
Lemont, IL 60439

(9) "Company Patent Counsel", as used in this clause, means the Patent Group in Company's Legal Directorate, and whose mailing address is:

UT-Battelle Patent Counsel
Office of General Counsel
One Bethel Valley Road
P.O. Box 2008, MS-6258
Oak Ridge, TN 37831-6258

(10) "Member" means members of the ITER Organization who are parties to the Agreement on the Establishment of the ITER International Fusion Energy Organization for the Joint Implementation of the ITER Project (the Agreement).

(11) "ITER Organization" means the ITER International Fusion Energy Organization as described in the Agreement.

(12) "Council" means the principal organ of the ITER Organization composed of Representatives of the Members and as described in Article 6 of the Agreement.

(13) "Background patent" means a patent covering an invention or discovery which is not a Subject Invention and which is owned or controlled by the Seller at any time through the completion of this subcontract:

(i) Which the Seller, but not the Government, has the right to license to others without obligation to pay royalties thereon, and

(ii) Infringement of which cannot reasonably be avoided upon the practice of any specific process, method, machine, manufacture or composition of matter (including relatively minor modifications thereof) which is a subject of the research, development, or demonstration work performed under this subcontract.

(b) Allocation of Principal Rights.

(1) Except as provided for in this clause, the Seller may retain the entire right, title, and interest throughout the world to each subject invention subject to the provisions of this clause and 35 U.S.C. 203. With respect to any subject invention in which the Seller retains title, the Federal government shall have a nonexclusive, nontransferable, irrevocable, paid up license to practice or have practiced for or on behalf of the United States the subject invention throughout the world.

(2) For each subject invention in which the Seller retains title, Seller hereby grants on an equal and non-discriminatory basis an irrevocable, non-exclusive, royalty free license to such subject invention to other Members and the ITER Organization, with the right of the ITER Organization to sub-license, and the right of the other Members to sub-license within their respective territory, for the purposes of publicly sponsored fusion research and development programs.

(3) For each subject invention in which the Seller retains title, Seller shall make available on an equal and non-discriminatory basis a non-exclusive, license to such subject invention to the other Members for commercial fusion use, with the right to sub-license for such use by such Members' own domestic third parties within such Members' own territory on terms no less favorable than the basis upon which Seller licenses such subject inventions to third parties within or outside the USA. As long as such terms have been offered such license shall not be denied. The above license may be revoked only in case the licensee does not fulfil its contractual obligations.

(4) Seller is encouraged to enter into commercial arrangements with the other Members, Domestic Agencies, ITER contractors and third parties in order to allow use of subject inventions in fields other than fusion.

(5) For Sellers that license or sub-license subject inventions or background patents under this clause, Sellers will maintain records of any such licensing, which records will be available to other Members, such as through the ITER Organization.

(6) Seller agrees that any license for subject inventions granted by it to third parties of non-Members shall be subject to the rules on licensing to third parties determined by the Council. Such rules shall be determined by unanimous decision of the Council.

(7) For a subject invention jointly made with a Member or the ITER Organization, said invention shall be jointly-owned by the respective inventing entities. The joint owners shall enter into a co-ownership arrangement to allocate the terms of exercising the ownership of said invention.

(c) Invention Disclosure, Election of Title, and Filing of Patent Application by Seller.

(1) The Seller will disclose each subject invention to the Department of Energy (DOE) within two months after the inventor discloses it in writing to Seller personnel responsible for patent matters. The disclosure to DOE shall be in the form of a written report and shall identify the subcontract under which the invention was made and the inventor(s). It shall be sufficiently complete in technical detail to convey a clear understanding to the extent known at the time of the disclosure, of the nature, purpose, operation, and the physical, chemical, biological or electrical characteristics of the invention. The disclosure shall also identify any publication, on sale or public use of the invention and whether a manuscript describing the invention has been submitted for publication and, if so, whether it has been accepted for publication at the time of disclosure. In addition, after disclosure to the DOE, the Seller will promptly notify that agency of the acceptance of any manuscript describing the invention for publication or of any on sale or public use planned by the Seller. If required by the DOE, the Seller will provide periodic (but no more frequently than annual) listings of all [subject inventions](#) which were disclosed to the agency during the period covered by the report, and will provide a report prior to the close-out of a [funding agreement](#) listing all [subject inventions](#) or stating that there were none.

(2) The Seller will elect in writing whether or not to retain title to any such invention by notifying DOE within 2 years of disclosure to DOE. However, in any case where a patent, a printed publication, public use, sale, or other availability to the public has initiated the one-year statutory period wherein valid patent protection can still be obtained in the United States, the period for election of title may be shortened by DOE to a date that is no more than 60 days prior to the end of the statutory period.

(3)(i) The Seller will file its initial patent application on a subject invention to which it elects to retain title within 1 year after election of title or, if earlier, prior to the end of any statutory period wherein valid patent protection can be obtained in the United States after a publication, on sale, or public use.

(ii) If the Seller files a provisional application as its initial patent application, it shall file a nonprovisional application within 10 months of the filing of the provisional application. So long as there is a pending patent application for the subject invention and the statutory period wherein valid patent protection can be obtained in the United States has not expired, additional provisional applications may be filed within the initial 10 months or any extension period granted under paragraph (c)(5) of this clause. If an extension(s) is granted under paragraph (c)(5) of this clause, the contractor shall file a nonprovisional patent application prior to the expiration of the extension(s) or notify the agency of any decision not to file a nonprovisional application prior to the expiration of the extension(s), or if earlier, 60 days prior to the end of any statutory period wherein valid patent protection can be obtained in the United States.

(iii) The Seller will file patent applications in additional countries or international patent offices within either ten months of the first filed initial patent application or six months from the date permission is granted by the Commissioner of Patents to file foreign patent applications where such filing has been prohibited by a Secrecy Order.

(iv) If required by the DOE, the Seller will provide the filing date, patent application number and title; a copy of the patent application; and patent number and issue date for any subject invention in any country in which the Seller has applied for a patent.

(4) For any subject invention with DOE and Seller co-inventors, where the DOE determines that it would be in the interest of the government, pursuant to 35 U.S.C. 207(a)(3), to file an initial patent application on the subject invention, the DOE, at its discretion and in consultation with the Seller, may file such application at its own expense, provided that the Seller retains the ability to elect title pursuant to 35 U.S.C. 202(a).

(5) Requests for extension of the time for disclosure, election, and filing under subparagraphs (c)(1), (2), and (3) of this clause may, at the discretion of DOE, be granted. When Seller has requested an extension for filing a non-provisional application after filing a provisional application, a one-year extension will be granted unless the DOE notifies the Seller within

sixty days of receiving the request.

(6) In the event a subject invention is made under funding agreements of more than one agency, at the request of the Seller or on their own initiative the agencies shall designate one agency as responsible for administration of the rights of the government in the invention.

(d) Conditions When the Government May Obtain Title.

(1) The DOE may require the Seller to convey title to the DOE of any subject invention—

(i) If the Seller fails to disclose or elect title to the subject invention within the times specified in paragraph (c) of this clause, or elects not to retain title.

(ii) In those countries in which the Seller fails to file patent applications within the times specified in paragraph (c) of this clause; provided, however, that if the Seller has filed a patent application in a country after the times specified in paragraph (c) of this clause, but prior to its receipt of the written request of the Federal agency, the Seller shall continue to retain title in that country.

(iii) In any country in which the Seller decides not to continue the prosecution of any nonprovisional patent application for, to pay a maintenance annuity or renewal fee on, or to defend in a reexamination or opposition proceeding on, a patent on a subject invention.

(2) The DOE, at its discretion, may waive the requirement for the Seller to convey title to any subject invention.

(e) Minimum Rights to Seller and Protection of the Seller Right to File.

(1) The Seller will retain a nonexclusive royalty free license throughout the world in each subject invention to which the Government obtains title, except if the Seller fails to disclose the invention within the times specified in (c) above. The Seller's license extends to its domestic subsidiary and affiliates, if any, within the corporate structure of which the Seller is a party and includes the right to grant sublicenses of the same scope to the extent the Seller was legally obligated to do so at the time the subcontract was awarded. The license is transferable only with the approval of the DOE, except when transferred to the successor of that part of the Seller's business to which the invention pertains.

(2) The Seller's domestic license may be revoked or modified by DOE to the extent necessary to achieve expeditious practical application of subject invention pursuant to an application for an exclusive license submitted in accordance with applicable provisions at 37 CFR Part 404 and agency licensing regulations. This license will not be revoked in that field of use or the geographical areas in which the Seller has achieved practical application and continues to make the benefits of the invention reasonably accessible to the public. The license in any foreign country may be revoked or modified at the discretion of DOE to the extent the Seller, its licensees, or the domestic subsidiaries or affiliates have failed to achieve practical application in that foreign country.

(3) Before revocation or modification of the license, DOE will furnish the Seller a written notice of its intention to revoke or modify the license, and the Seller will be allowed thirty days (or such other time as may be authorized by DOE for good cause shown by the Seller) after the notice to show cause why the license should not be revoked or modified. The Seller has the right to appeal, in accordance with applicable regulations in 37 CFR Part 404 and agency regulations concerning the licensing of Government owned inventions, any decision concerning the revocation or modification of the license.

(f) Seller Action to Protect the Government's Interest.

(1) The Seller agrees to execute or to have executed and promptly deliver to DOE all instruments necessary to:

(i) establish or confirm the rights the Government has throughout the world in those subject inventions to which the Seller elects to retain title, and

(ii) convey title to DOE when requested under paragraph (d) above and to enable the government to obtain patent protection throughout the world in that subject invention.

(2) The Seller agrees to require, by written agreement, its employees, other than clerical and nontechnical employees, to disclose promptly in writing to personnel identified as responsible for the administration of patent matters and in a format suggested by the Seller each subject invention made under subcontract in order that the Seller can comply with the disclosure provisions of paragraph (c) of this clause, to assign to the Seller the entire right, title and interest in and to each subject invention made under contract, and to execute all papers necessary to file patent applications on subject inventions and to establish the Government's rights in the subject inventions. This disclosure format should require, as a minimum, the information required by subparagraph (c)(1) of this clause. The Seller shall instruct such employees, through employee agreements or other suitable educational programs, on the importance of reporting inventions in sufficient time to permit the filing of patent applications prior to U.S. or foreign statutory bars.

(3) For each subject invention, the Seller will, no less than sixty days prior to the expiration of the statutory deadline, notify the DOE of any decision: Not to continue the prosecution of a non-provisional patent application; not to pay a maintenance, annuity or renewal fee; not to defend in a reexamination or opposition proceeding on a patent, in any country; to request, be a party to, or take action in a trial proceeding before the Patent Trial and Appeals Board of the U.S. Patent and Trademark Office, including but not limited to post-grant review, review of a business method patent, inter partes review, and derivation proceeding; or to request, be a party to, or take action in a non-trial submission of art or information at the U.S. Patent and Trademark Office, including but not limited to a pre-issuance submission, a post-issuance submission, and supplemental examination.

(4) The Seller agrees to include, within the specification of any United States patent application and any patent issuing thereon covering a subject invention, the following statement, "This invention was made with Government support under (identify the subcontract) funded by the Government. The Government has certain rights in the invention."

(g) Subcontracts.

(1) The Seller will include this clause, suitably modified to identify the parties, in all subcontracts, regardless of tier, for experimental, developmental, or research work to be performed by a small business firm or domestic nonprofit organization. The small business firm or domestic nonprofit organization will retain all rights provided for the Seller in this clause, and the Seller will not, as part of the consideration for awarding the subcontract, obtain rights in the subcontractor's subject inventions.

(2) The Seller will include in all other subcontracts, regardless of tier, for experimental, developmental, or research work the patent rights clause at 48 CFR 952.227-13, modified as necessary to include the definitions (a)(8) – (a)(13) herein, and the license rights to other Members and the ITER Organization for subject inventions in which the Seller obtains as set forth in (b)(2) – (b)(7) above, and for Background patents as set forth in (m) herein, after consultation with DOE Patent Counsel.

(3) In the case of subcontracts, at any tier, when the prime award with the DOE was a contract (but not a grant or cooperative agreement), the DOE, subcontractor, and the Seller agree that the mutual obligations of the parties created by this clause constitute a contract between the subcontractor and DOE with respect to the matters covered by the clause; provided, however, that nothing in this paragraph is intended to confer any jurisdiction under the Contract Disputes Act in connection with proceedings under paragraph (j) of this clause.

(h) Reporting on Utilization of Subject Inventions. The Seller agrees to submit, on request, periodic reports no more frequently than annually on the utilization of a subject invention or on efforts at obtaining such utilization that are being made by the Seller or its licensees or assignees. Such reports shall include information regarding the status of development, date of first commercial sale or use, gross royalties received, by the Seller, and such other data and information as DOE may reasonably specify. The Seller also agrees to provide additional reports as may be requested by DOE in connection with any march-in proceeding undertaken by that agency in accordance with paragraph (j) of this clause. As required by 35 U.S.C. 202(c)(5), DOE agrees it will not disclose such information to persons outside the Government without permission of the Seller.

(i) Preference for United States Industry. Notwithstanding any other provision of this clause, the Seller agrees that neither it nor any assignee will grant to any person the exclusive right to use or sell any subject invention in the United States unless such person agrees that any products embodying the subject invention or produced through the use of the subject invention will be manufactured substantially in the United States. However, in individual cases, the requirement for such an agreement may be waived by DOE upon a showing by the Seller or its assignee that reasonable but unsuccessful efforts have been made to grant licenses on similar terms to potential licensees that would be likely to manufacture substantially in the United States or that under the circumstances domestic manufacture is not commercially feasible.

(j) March-in rights. The Seller agrees that, with respect to any subject invention in which it has acquired title, DOE has the right in accordance with the procedures in 37 CFR 401.6 and any supplemental regulations of the agency to require the Seller, an assignee or exclusive licensee of a subject invention to grant a nonexclusive, partially exclusive, or exclusive license in any field of use to a responsible applicant or applicants, upon terms that are reasonable under the circumstances, and, if the Seller, assignee, or exclusive licensee refuses such a request, DOE has the right to grant such a license itself if DOE determines that—

(1) Such action is necessary because the Seller or assignee has not taken, or is not expected to take within a reasonable time, effective steps to achieve practical application of the subject invention in such field of use;

(2) Such action is necessary to alleviate health or safety needs which are not reasonably satisfied by the Seller, assignee, or their licensees;

(3) Such action is necessary to meet requirements for public use specified by Federal regulations and such requirements are not reasonably satisfied by the Seller, assignee, or licensees; or

(4) Such action is necessary because the agreement required by paragraph (i) of this clause has not been obtained or waived or because a licensee of the exclusive right to use or sell any subject invention in the United States is in breach of such agreement.

(k) Special Provisions for Subcontracts with Nonprofit Organizations. If the Seller is a nonprofit organization, it agrees that— (1) Rights to a subject invention in the United States may not be assigned without the approval of the Federal agency, except where such assignment is made to an organization which has as one of its primary functions the management of inventions; provided, that such assignee will be subject to the same provisions as the Seller;

(2) The Seller will share royalties collected on a subject invention with the inventor, including Federal employee co-inventors (when DOE deems it appropriate) when the subject invention is assigned in accordance with 35 U.S.C. 202(e) and 37 CFR 401.10;

(3) The balance of any royalties or income earned by the Seller with respect to subject inventions, after payment of expenses (including payments to inventors) incidental to the administration of subject inventions will be utilized for the support of scientific research or education; and

(4) Subject to the licensing requirements to Members and the ITER Organization set forth herein, it will make efforts that are reasonable under the circumstances to attract licensees of subject inventions that are small business firms, and that, when appropriate, it will give a preference to a small business firm when licensing a subject invention.

(5) DOE may review the Seller's licensing program and decisions regarding small business applicants, and the Seller will negotiate changes to its licensing policies, procedures, or practices with the DOE when that DOE's review discloses that the Seller could take reasonable steps to more effectively implement the requirements of this subparagraph (k)(4) of this clause; and

(6) The DOE may take into consideration concerns presented by small businesses in making such determinations in

subparagraph (k)(5) of this clause.

(l) Communications.

(1) The Seller shall direct any notification, disclosure, or request to DOE provided for in this clause to the DOE patent counsel assisting the DOE contracting activity, with a copy of the communication to the Contracting Officer.

(2) Each exercise of discretion or decision provided for in this clause, except subparagraph (k)(4), is reserved for the DOE Patent Counsel and is not a claim or dispute and is not subject to the Contract Disputes Act of 1978.

(3) Upon request of the DOE Patent Counsel or the Contracting Officer, the Seller shall provide any or all of the following:

(i) a copy of the patent application, filing date, serial number and title, patent number, and issue date for any subject invention in any country in which the Seller has applied for a patent;

(ii) a report, not more often than annually, summarizing all subject inventions which were disclosed to DOE individually during the reporting period specified; or

(iii) a report, prior to closeout of the subcontract, listing all subject inventions or stating that there were none.

(m) Background Patents.

(1) Background patents shall remain the property of the party that owns the background patent.

(2) Seller, which has incorporated background patents into the items provided to the ITER Organization, which background patent is required:

- to construct, operate, use or integrate technology for research and development in relation to the ITER facilities,

- to maintain or repair the item provided, or

- when decided necessary by the Council, in advance of any public procurement,

hereby grants on an equal and non-discriminatory basis an irrevocable, non-exclusive, royalty free license to such background patent to other Members and to the ITER Organization, with the right of the ITER Organization to sub-license and the right of Members to sub-license to their research institutes and institutes of higher education within their respective territory for the purposes of publicly sponsored fusion research and development programs.

(3) Seller, which has incorporated background patents, in the execution of this subcontract shall make sure that the component incorporating the background patent is available on reasonable terms and conditions, or use its best efforts to grant on an equal and non-discriminatory basis a non-exclusive license to the other Members for commercial fusion use, with the right to sub-license for such use by such Members' own domestic third parties within such Members' own territory, on terms no less favorable than the basis upon which Seller licenses such background patents to third parties within or outside the USA. As long as such terms have been offered, such license shall not be denied. The above license may be revoked only in case the licensee does not fulfil its contractual obligations. However, in individual cases and for good cause shown in writing, the requirement for such a license may be waived by DOE. Such waiver may be granted in advance of execution of the subcontract or after the subject invention has been made.

(4) Seller is encouraged to make available for commercial purposes other than those set out in paragraph (3) to the other Members, any background patent incorporated into the items provided to the ITER Organization which background patent was required:

- to construct, operate, use or integrate technology for research and development in relation to the ITER facilities,

- to maintain or repair the item provided, or

- when decided necessary by the Council, in advance of any public procurement.

Such background patent, if licensed by the owners to the Members, shall be licensed on an equal and non-discriminatory basis.

(5) Seller shall identify in a timely manner its background patents to DOE with a view to obtaining for the ITER Organization and the Members access to the background patents in conformity with the Agreement.