

LICENSE AGREEMENT

Carnegie Mellon University – <COMPANY>

This Agreement (hereinafter "this Agreement") entered into as of <DATE> ("Effective Date") by and between Carnegie Mellon University, a Pennsylvania not-for-profit corporation, having a principal place of business at 5000 Forbes Avenue, Pittsburgh, PA 15213 ("Carnegie Mellon") and <COMPANY>, a <STATE OF INCORPORATION> <TYPE OF CORPORATION>, having a principal place of business at <ADDRESS> ("Licensee").

Witnesseth

Whereas, Carnegie Mellon owns certain rights in certain technology relating to <_____>, and is interested in licensing same;

Whereas, Licensee desires to acquire rights in and to that technology upon the terms and conditions herein set forth;

Now Therefore, in consideration of the mutual covenants contained herein and intending to be legally bound hereby, the parties agree as follows:

1. Certain Definitions ("Defined Terms")

1.1. "**Code**" shall mean Source Code and Object Code collectively.

1.2. "**Object Code**" shall mean code, substantially or entirely in binary form, which is intended to be directly executable by a computer after suitable processing but without the intervening steps of compilation or assembly.

1.3. "**Source Code**" shall mean code, other than Object Code, and related source code level system documentation, comments and procedural code, such as job control language, which may be printed out or displayed in human readable form.

1.4. "**Copyrights**" shall mean Carnegie Mellon's copyrights in the Licensed Technology.

1.5. "**Patent(s)**" shall mean any patent application, including any continuation, continuation-in-part, divisional or modification filed in the U.S. or in any other country and any patent claiming priority therefrom or reissue thereof, which issues to Carnegie

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Mellon and specifically claims any of the Licensed Technology in existence on the Effective Date.

1.6. "**Licensed Technology**" or "**Technology**" shall mean (a) the technology described in Attachment A on an "as is" basis on the Effective Date, (b) the trade secrets, know-how, [design architecture, software and algorithm(s) including related Code and related Copyrights,] owned by Carnegie Mellon [and/or for which Carnegie Mellon has the right to license] and specifically related to the technology described in Attachment A, on an "as is" basis on the Effective Date; and [(c) any Patents specifically claiming the technology or other intellectual property described in (a) or (b) above, including any claims issuing on US Patent Application Number ###; and any claims issuing on any Patent claiming priority to US Provisional Patent Application ###].

1.7. "**Derivative**" shall mean computer software or other intellectual property developed by Licensee, which includes, or is based in whole or in part on, the Licensed Technology, including, but not limited to, translations of the Licensed Technology to other foreign or computer languages, adaptation of the Licensed Technology to other hardware platforms, abridgments, condensations, revisions, and software incorporating all or any part of the Licensed Technology which may also include Licensee-created modifications, enhancements or other software.

1.8. "**Licensed Product**" or "**Product**" shall mean any product and/or service which constitutes, is based on, incorporates or utilizes, wholly or in part, Licensed Technology [and/or any and all Derivatives].

1.9. "**Year**" refers to contract years of this Agreement, i.e. a twelve (12) month period starting with the date (or anniversary) of the Effective Date.

1.10. "**Fiscal Quarter**" or "**Quarter**" shall refer to the normal quarterly accounting periods of Licensee; if Licensee does not have normal quarterly accounting periods, then a "Fiscal Quarter" shall mean the calendar three months period commencing with January of each year.

1.11. "**Dispose**" or "**Disposition**" shall mean the use, sale, lease or other transfer.

1.12. "**Revenue**" shall mean the U.S. Dollar value of all consideration realized by Licensee for the Disposition of Licensed Product(s).

1.13. "**Net Sales**" shall mean the total Revenues, less the total of all of the following deductions (to the extent included in computing Revenue):

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- (a) discounts allowed in amounts customary in the trade;
- (b) sales tariffs, duties and/or taxes imposed on the Licensed Products;
- (c) outbound transportation prepaid or allowed; and
- (d) amounts allowed or credited on returns.

No deduction shall be made for commissions paid to individuals or entities whether they be independent sales agents or persons regularly engaged or employed by Licensee.

1.14. "**Royalties**" shall mean Disposition royalties which are calculated as a percentage of Net Sales and will be payable by Licensee to Carnegie Mellon under the provisions of this Agreement.

1.15. "**Dollar**", "**U.S. Dollar**" and "**\$ U.S.**" shall mean lawful money of the United States of America.

1.16. "**Prime Rate**" shall mean the prime rate in the Wall Street Journal newspaper in its "Money Rates" column on the Effective Date.

1.17. "**Field of Use**" shall mean < DEFINE FIELD(S) OF USE >.

2. License Grant

2.1. Carnegie Mellon hereby grants to Licensee, and Licensee hereby accepts, an [exclusive or non-exclusive], [world-wide or Territory] right to use the Licensed Technology to make, have made, use, [copy], and otherwise Dispose of Licensed Products in the Field of Use [and to create Derivatives for the Field of Use].

Any use of the Licensed Technology to make, have made, use [copy], or otherwise Dispose of Licensed Products outside the Field of Use [or to create Derivatives outside the Field of Use] shall be a default by Licensee of this Agreement.

2.2. Licensee shall be entitled to establish all proprietary rights for itself in the intellectual property represented by Derivatives, whether in the nature of trade secrets, copyrights, patents or other rights, provided that Licensee shall promptly notify Carnegie Mellon of Licensee-originated bug fixes to the Licensed Technology, which shall be part of the Licensed Technology and owned by Carnegie Mellon. Any copyright registration by Licensee for Derivatives shall give full attribution to Carnegie Mellon's Copyrights. Carnegie Mellon shall have the right to use Derivatives for research, educational, academic, and/or administrative purposes.

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2.3. No right to sublicense the Technology is hereby granted to Licensee except (a) that Licensee may sublicense to its customers Licensed Technology in the ordinary course of business to the extent necessary for use and practice of the Licensed Product Disposed of by Licensee to said customers or (b) with the prior written agreement by Carnegie Mellon. Licensee agrees that any sublicenses granted by Licensee to third parties, other than to customers in the ordinary course of business (even though the prior written agreement by Carnegie Mellon to such a sublicense has been obtained) shall provide that the obligations to Carnegie Mellon under this Agreement, including but not limited to, the obligation to indemnify Carnegie Mellon, the obligation to obtain and maintain insurance to protect Carnegie Mellon and the obligation relating to settlement of claims and/or controversies specified in this Agreement, shall be binding upon such sublicensee as if it were a party to this Agreement, and the economic return to Carnegie Mellon by reason of such sublicense shall be at least as great as if any Disposition by the sublicensee had been a Disposition by Licensee.

2.4. Carnegie Mellon shall have the right to use the Licensed Technology and, free of charge, any product or process developed by Licensee which contains or is based on any of the Licensed Technology [and/or Derivatives], for Carnegie Mellon research, educational, academic, and/or administrative purposes.

2.5. Nothing in this Agreement shall restrict academic research or other not-for-profit scholarly activities, which are undertaken at a nonprofit or governmental institution in the Field of Use and/or in the area of Licensed Technology and/or any other areas.

2.6. All Licensed Products shall be Disposed of and performed by Licensee in compliance with all applicable governmental laws, rules, and regulations. Licensee shall keep Carnegie Mellon fully informed of, and shall move expeditiously to resolve, any complaint by a governmental body relevant to the Licensed Products, [except for complaints subject to Section 21 (Infringement) of this Agreement].

2.7. If the Licensed Technology was made in the performance of work under a United States federal government funding agreement, then Licensee acknowledges and agrees that (i) this Agreement is subject to any government purpose license rights under 35 USC §202 (c) (4) and any march-in rights of the United States of America under 35 USC §203, and (ii) any products comprising the Licensed Products and embodying the Licensed Technology or provided through the use of the Licensed Technology which are Disposed in the United States must be manufactured substantially in the United States, unless a waiver has been obtained from the United States federal government agency under whose funding agreement the Licensed Technology was made.

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3. Term of this Agreement

The term of this Agreement shall conclude [at the end of twenty (20) years from the Effective Date, or on the expiration date of the last-to-expire Patent, whichever comes later], unless otherwise terminated pursuant to another provision of this Agreement.

4. Minimum Performance Requirements

4.1. Licensee shall use its best efforts to effect introduction of Licensed Technology into the commercial market as soon as possible; thereafter, until the expiration of this Agreement, Licensee shall keep Licensed Technology reasonably available to the public.

4.2. Licensee shall achieve the following milestones:
<Specify milestones>

4.3. Licensee's failure to perform in accordance with Sections 4.1 or 4.2 herein shall be grounds for Carnegie Mellon to terminate this Agreement pursuant to Section 10.2 herein.

5. Royalties and Payment Terms

5.1. Royalties payable by Licensee to Carnegie Mellon shall be _____ percent (x %) of Net Sales.

5.2. Licensee shall pay Carnegie Mellon a non-refundable up-front royalty of _____ U.S. Dollars (\$U.S. _____) due and payable thirty (30) days after the Effective Date. This up-front royalty will not be credited against any other amounts due under this Agreement.

5.3. Licensee shall pay Carnegie Mellon a non-refundable, minimum royalty of _____ U.S. Dollars (\$U.S. _____) ("**Annual Minimum Royalty**"), [*payable on <date> of each Year*]. The Annual Minimum Royalty shall be credited against the Royalties payable in a Year. Annual Minimum Royalty payments are to be adjusted by the cumulative percentage change in the CPI-W Consumer Price Index between December <____> and the December preceding the date on which the payment in question is payable. Licensee shall pay Carnegie Mellon Annual Minimum Royalties according to the following schedule:

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5.4 The foregoing Royalties and Annual Minimum Royalties and associated rates for same have been negotiated by the parties for administrative convenience, including ease of accounting.

5.5. Royalties payable to Carnegie Mellon shall be paid by Licensee to Carnegie Mellon, as set forth in this Section 5, for each Fiscal Quarter within sixty (60) days after the end of such Fiscal Quarter, until this Agreement expires or is terminated in accordance with the terms of this Agreement. If this Agreement terminates before the end of a Fiscal Quarter, the payment for the terminal fractional portion of a Fiscal Quarter shall be made within ninety (90) days after the date of termination of this Agreement. All Royalties and other amounts payable hereunder shall be paid in U.S. Dollars and shall be made by wire transfer to Carnegie Mellon's account No. xxxxx, Carnegie Mellon Ref. No <FILE #>, at Bank of New York Mellon (BNY) 500 Ross Street Pittsburgh office, or by Licensee's check sent in accordance with Section 23 (Notices).

5.6. All amounts payable hereunder which are overdue shall bear interest until paid at a rate equal to the Prime Rate in effect at the date such amounts were due plus four percent (4%) per annum, but in no event to exceed the maximum rate of interest permitted by applicable law. This provision for interest shall not be construed as a waiver of any rights Carnegie Mellon has as a result of Licensee's failure to make timely payment of any amounts.

6. Reports and Audits

6.1. Licensee shall report Quarterly to Carnegie Mellon Net Sales and Revenues which are subject to Royalty and other payments within sixty (60) days of the end of the relevant Quarter.

6.2. Licensee shall maintain accurate books and records such that the Royalties and other amounts due and payable hereunder can be easily ascertained. Such books and records shall be maintained at Licensee's principal place of business. Licensee shall make available Licensee's books and records for audit by Carnegie Mellon or its designee, and Licensee agrees to cooperate fully in any such audit, provided that Carnegie Mellon and its designee (if any) agree to protect the confidentiality of the information as to the customers of Licensee. Any such audit shall not be more frequent than annually. In the event of any deficiency in payment, in addition to paying the deficiency, if the audit determines that any amounts paid to Carnegie Mellon were deficient by more than five percent (5%), Licensee shall also pay the costs of the audit, all within thirty (30) days following written notice of such deficiency.

6.3. Licensee shall report to Carnegie Mellon the date of the first commercial Disposition of a Licensed Product within sixty (60) days of occurrence in each country.

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6.4. Within sixty (60) days after the end of each of Licensee's fiscal years, Licensee shall furnish Carnegie Mellon with a written report on the progress of its efforts during the immediately preceding fiscal year to develop and commercialize Licensed Products. The report shall also contain a discussion of intended efforts and sales projections for the year in which the report is submitted and, if the Licensed Technology was made in the performance of work under a United States government funding agreement, confirm that Licensee is meeting its obligation specified in Section 2.7 of this Agreement to manufacture substantially in the United States any products comprising the Licensed Products and embodying the Licensed Technology or provided through the use of the Licensed Technology which are Disposed in the United States, as outlined in Attachment B. Within thirty days of Carnegie Mellon's request, if any, Licensee shall provide to Carnegie Mellon documentation reasonably supporting the information contained in such report.

6.5. Within sixty (60) days after the end of each of Licensee's fiscal years, Licensee shall provide Carnegie Mellon with Licensee's financial statements for the immediately preceding fiscal year (including, at a minimum, an income statement, a statement of cash flows, and a balance sheet) that have been certified by Licensee's treasurer, chief financial officer, or an independent auditor.

6.6 Carnegie Mellon shall keep confidential, not disclose to any third party and not use for any purpose other than monitoring Licensee's performance under this Agreement and/or enforcing its rights under this Agreement, the terms of this Agreement and all reports, financial statements, documents and other confidential or proprietary information of Licensee provided to Carnegie Mellon's Center for Technology Transfer and Enterprise Creation by Licensee under this Agreement; provided, however, that Carnegie Mellon may include in its annual reports totals derived from information received from Licensee (without attribution to Licensee) that show revenues generated by the Licensed Technology; and provided further that the non-disclosure and non-use obligations shall not apply to any information that (a) is or becomes part of the public domain other than by breach by Carnegie Mellon of this Section 6.6, or (b) is required to be disclosed by Carnegie Mellon pursuant to interrogatories, requests for information or documents, subpoena, civil investigative demand issued by a court or governmental agency or as otherwise required by law, provided that Carnegie Mellon shall limit the disclosure to such information that it is legally required to disclose. Notwithstanding the foregoing, to the extent that it is reasonably necessary as determined by Carnegie Mellon, Carnegie Mellon may disclose information it is otherwise obligated under this Section 6.6 not to disclose in confidence to its lawyers, accountants, auditors, trustees, inventors, funding sources and financial advisors.

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7. Improvements

7.1. Discussion of a problem during collaboration between the parties to this Agreement will not create any rights to ownership of patents, copyrights, mask work rights, trade secrets or other intellectual property rights in solutions to the problem developed solely by employees or agents of the other party hereto.

7.2. Licensee will own all of the right, title and interest (including patents, copyrights, mask work rights, trade secrets and any other intellectual property rights, but excluding Patents) in and to the results of the collaboration between the parties that are developed solely by Licensee employees or agents.

7.3. Carnegie Mellon will own all of the right, title and interest (including patents, Patents, copyrights, Copyrights, mask work rights, trade secrets and any other intellectual property rights) in and to the results of the collaboration between the parties that are developed solely by Carnegie Mellon employees or agents.

7.4. All intellectual property which results in Patents or Licensed Technology developed jointly by employees or agents of Carnegie Mellon and Licensee shall be owned by Carnegie Mellon. Licensee may utilize such jointly developed property pursuant to the terms of this Agreement. Carnegie Mellon may issue licenses to others regarding such jointly developed property which results in Patents or Licensed Technology, as long as such licenses do not violate any exclusive license to Licensee then existing under Section 2 (License Grant). If any other property rights are developed jointly by employees or agents of Carnegie Mellon and Licensee which would not constitute a Patent or Licensed Technology and which are not subject to another agreement between Carnegie Mellon and Licensee, Carnegie Mellon and Licensee shall jointly own (without any duty to account to the other for profits) all right, title and interest (including patents, copyrights, mask work rights, trade secrets, and other intellectual property rights) in and to the results of such joint development. If any patentable invention which would not constitute a Patent or Licensed Technology arises out of such joint development by employees or agents of Carnegie Mellon and Licensee, Carnegie Mellon and Licensee will engage in good faith efforts to mutually agree on whether and how to pursue patent, copyright or mask work protection of the invention in the U.S. and elsewhere.

7.5. Except as provided in this Section 7, nothing herein shall be deemed to grant any license or rights in any other technology in addition to the Licensed Technology.

8. Patents and Other Intellectual Property

All provisions are subject to addition, elimination, or revision by either party. All communications and discussions are tentative until execution of a written agreement by both parties.

8.1. Intellectual property rights to Licensed Technology such as Patent(s), patent(s), and Copyrights which may be obtainable will remain the property of Carnegie Mellon. Trademarks existing on the Effective Date belong to Carnegie Mellon.

8.2 Within thirty (30) days of the Effective Date, Licensee shall make a one-time payment to Carnegie Mellon of US\$_____ for patenting and other intellectual property protection costs incurred by Carnegie Mellon prior to the Effective Date and relating to the Licensed Technology.

Thereafter, Licensee shall bear [fifty percent (50%) of (in the case of a nonexclusive)] all patenting and other intellectual property protection costs relating to intellectual property rights to Licensed Technology. Licensee will reimburse Carnegie Mellon for all amounts related to such patenting and other intellectual property costs, within thirty (30) days of the receipt of each notification or bill therefor from Carnegie Mellon.

8.3. Carnegie Mellon has applied for, and/or will apply for and prosecute Patent coverage in any country if so requested by Licensee, at Licensee's sole expense, for any and all Patents to the extent that such protection is reasonably obtainable.

8.4. Carnegie Mellon may, at its option and sole discretion and at its own expense pursue patent, copyright and/or trademark rights for Licensed Technology in any country for which coverage has not been requested by Licensee in accordance with Subsection 8.3 herein. If Licensee does not reimburse Carnegie Mellon for such amounts within thirty (30) days of the receipt of each notification or bill therefor, then Licensee shall have no rights relating to same in that country.

8.5. No less than forty-five (45) days before instituting any legal proceeding contesting the validity or enforceability or use of a license granted hereunder, Licensee shall give written notice to Carnegie Mellon of its intention to bring such a challenge and a detailed description of the legal and factual basis for such a challenge to preserve Carnegie Mellon's ability to have any such challenge proceed in a forum convenient for Carnegie Mellon and to assist the parties in seeking to resolve the dispute without the need for judicial action.

9. Markings, Trademarks and Trade Names

9.1. Licensee shall have included in all sales, marketing literature and invoices relating to Licensed Product, a statement to the effect that "this product or portions thereof is manufactured under license from Carnegie Mellon University."

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9.2. If a Licensed Product falls within the scope of one or more claims of a pending application within Patents, Licensee shall mark each Licensed Product and/or packaging therefor with "Patent Pending", and, if a Licensed Product falls within the scope of one or more claims of an unexpired patent within Patents, Licensee shall mark each Licensed Product and/or packaging therefor, with the applicable patent number or numbers in accordance with the applicable laws of the countries in which the materials are intended to be used.

9.3. Licensee acknowledges that the title to the Technology (including Copyright) shall remain with Carnegie Mellon and that any copies of the Technology or portions thereof made by Licensee in accordance with the rights granted hereunder shall include a Carnegie Mellon copyright notice thereon. The notice shall be affixed to all copies or portions thereof in such a manner and location as to give reasonable notice of Carnegie Mellon's claim of copyright and shall be in the following format: "Copyright 200_ Carnegie Mellon University. All rights reserved." or "© 20__ Carnegie Mellon All Rights Reserved."

9.4. Licensee acknowledges that it does not have any rights or any title whatsoever in or to Carnegie Mellon's technology, trade name or in or to any of Carnegie Mellon's trademarks, except as provided under this Agreement. Licensee shall neither register nor use any Carnegie Mellon trademarks or trade names. Any reference by Licensee to Carnegie Mellon beyond the above may only be done with express written permission of Carnegie Mellon's Associate Vice President of the Center for Technology Transfer and Enterprise Creation.

10. Termination

10.1. In the event that Licensee defaults in the payment in full of any amount required to be paid under this Agreement on the date such payment is due, in addition to utilizing any other legal and/or equitable remedies, Carnegie Mellon shall have the right by written notice to Licensee to [(a) terminate the exclusivity, if any, of any license hereunder (by amending the word "exclusive" in the related license grant to read "non-exclusive") without any reduction in any of the payments due from Licensee or (b)] terminate this Agreement. In addition to the foregoing, in the event that (a) Licensee shall make or offer to make any arrangement or composition with or for the benefit of its creditors, or (b) Licensee ceases or threatens to cease to carry on its business, or (c) Licensee is or becomes unable to pay its debts as they become due, or (d) Licensee commits any act of insolvency or bankruptcy, or (e) a petition or resolution for the making of an administration order or for the bankruptcy, winding-up or dissolution of Licensee is presented or passed, or (f) Licensee files a voluntary petition in bankruptcy or insolvency, or (g) a receiver or administrator takes possession of or

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is appointed over the whole or any part of the assets of Licensee, or (h) any analogous procedure is commenced against or by Licensee in any jurisdiction, Carnegie Mellon shall have the right by written notice to Licensee to terminate this Agreement.

10.2. In the event that either party to this Agreement defaults in the performance of any of its obligations hereunder (other than any of the defaults or events referred to in Section 10.1. hereof) and fails to cure such default within thirty (30) days after written notice of such default from such other party, the other party shall have the right by written notice to the defaulting party to terminate this Agreement. [Notwithstanding the foregoing, in the event that Licensee defaults in the performance of its obligation specified in Section 2.7 of this Agreement to manufacture substantially in the United States any products comprising the Licensed Products and embodying the Licensed Technology or provided through the use of the Licensed Technology which are Disposed in the United States, and fails to cure such default within thirty (30) days after written notice to Licensee, in lieu of terminating this Agreement pursuant to the foregoing, Carnegie Mellon may, at its option, by written notice to Licensee, exercise its right to terminate the exclusivity, if any, of any license hereunder by amending the word "exclusive" in the related license grant to read "non-exclusive".]

10.3. In the event that any of (a) Licensee, or (b) an affiliate of Licensee, or (c) a third party acting on behalf of Licensee or one of its affiliates, challenges or disputes the validity or enforceability of any intellectual property rights licensed hereunder in any judicial or administrative proceeding, Carnegie Mellon may, at its option and sole discretion, terminate the license [or terminate exclusivity] as to such challenged intellectual property by notice in writing to Licensee.

10.4. The Royalty rates and other amounts stated herein have been negotiated with the understanding that no court has made any determination as to the validity or enforceability of any Patent specifically claiming any of the Licensed Technology or whether any of Licensee's products infringe any claim of any Patent. Licensee desires to obtain a license under the terms stated herein, without regard to the lack of such adjudication. In the event that Licensee or any affiliate of Licensee, either directly or indirectly, challenges the validity or enforceability of any intellectual property rights licensed hereunder, or commences a judicial proceeding involving whether any of its products infringe any claim of Carnegie Mellon's intellectual property rights or would infringe in the absence of this license, and such validity, enforceability or infringement is upheld in any such judicial or administrative proceeding (including a reexamination that results in issuance of amended claims), Royalties due and payable under Section 5.1 herein shall, effective immediately as of the date such validity, enforceability or infringement is upheld, shall double the percent indicated in Section 5.1 to take into account the additional certainty regarding Carnegie Mellon's rights

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provided by such a resolution and to compensate Carnegie Mellon for the burden and expense of such challenge.

10.5. The termination of this Agreement pursuant to this Section 10 or pursuant to Section 3 hereof shall not terminate (a) the obligation of Licensee to pay any amounts which have accrued or would otherwise be required to be paid by Licensee under the terms of this Agreement, and (b) the obligations of Licensee under Sections 6 (Reports and Audits), 8 (Patents and Other Intellectual Property), 10 (Termination), 11 (Taxes), 14 (Confidentiality and Trade Secrets), 15 (Indemnification), 16 (Insurance), 20 (Dispute Resolution), and [21 (Infringement)] hereunder.

11. Taxes

Licensee shall pay all taxes which may be assessed or levied on, or on account of, the Licensed Products made or Disposed of and all taxes assessed or levied on, or on account of, the amounts payable to, or for the account of, Carnegie Mellon under this Agreement (other than Carnegie Mellon's U.S. federal, state or local income or franchise taxes).

12. NO WARRANTY; LIMITATION AS TO TYPES OF DAMAGES

ANY AND ALL INFORMATION, MATERIALS, SERVICES, INTELLECTUAL PROPERTY AND OTHER PROPERTY AND RIGHTS GRANTED AND/OR PROVIDED BY CARNEGIE MELLON PURSUANT TO THIS AGREEMENT, INCLUDING THE LICENSED TECHNOLOGY ARE GRANTED AND/OR PROVIDED ON AN "AS IS" BASIS. CARNEGIE MELLON MAKES NO WARRANTIES OF ANY KIND, EITHER EXPRESS OR IMPLIED, AS TO ANY MATTER, AND ALL SUCH WARRANTIES, INCLUDING WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE EXPRESSLY DISCLAIMED. WITHOUT LIMITING THE GENERALITY OF THE FOREGOING, CARNEGIE MELLON DOES NOT MAKE ANY WARRANTY OF ANY KIND RELATING TO EXCLUSIVITY, INFORMATIONAL CONTENT, ERROR-FREE OPERATION, RESULTS TO BE OBTAINED FROM USE, FREEDOM FROM PATENT, TRADEMARK AND COPYRIGHT INFRINGEMENT AND/OR FREEDOM FROM THEFT OF TRADE SECRETS. LICENSEE IS PROHIBITED FROM MAKING ANY EXPRESS OR IMPLIED WARRANTY TO ANY THIRD PARTY ON BEHALF OF CARNEGIE MELLON RELATING TO ANY MATTER, INCLUDING THE APPLICATION OF OR THE RESULTS TO BE OBTAINED FROM THE INFORMATION, MATERIALS, SERVICES, INTELLECTUAL PROPERTY OR OTHER PROPERTY OR RIGHTS, INCLUDING THE LICENSED TECHNOLOGY

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GRANTED AND/OR PROVIDED BY CARNEGIE MELLON PURSUANT TO THIS AGREEMENT.

CARNEGIE MELLON SHALL NOT BE LIABLE TO LICENSEE OR ANY THIRD PARTY FOR ANY REASON WHATSOEVER ARISING OUT OF OR RELATING TO THIS AGREEMENT (INCLUDING ANY BREACH OF THIS AGREEMENT) FOR LOSS OF PROFITS OR FOR INCIDENTAL, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES, EVEN IF CARNEGIE MELLON HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES OR HAS OR GAINS KNOWLEDGE OF THE EXISTENCE OF SUCH DAMAGES.

13. Costs; Compliance with Applicable Laws and Export Regulation

All costs and expenses incurred by Licensee in carrying out Licensee's obligations under this Agreement shall be paid by Licensee, and Licensee shall not be entitled to reimbursement from Royalties hereunder or otherwise therefor from Carnegie Mellon.

Licensee shall possess or obtain at its own expense all necessary licenses and permits and shall comply with all applicable governmental laws, rules and regulations arising out of or relating to Licensee's use of the Technology as permitted by this Agreement, including all laws, ordinances, rules or regulations affecting the exportation or Disposition of Licensed Products, Licensed Technology [and/or Derivatives.] Without limiting the generality of the foregoing, Licensee shall comply with any and all applicable U.S. export control laws, regulations, and/or other laws related to the embargoes and sanction programs administered by the U.S. Office of Foreign Assets Control. Licensee may not export or re-export the Licensed Technology with individuals or companies on the U.S. Department of Commerce, Department of State or Department of Treasury denied party lists <https://www.trade.gov/consolidated-screening-list>. Licensee represents and warrants that Licensee is not an individual or company listed on such denied party lists.

14. Confidentiality and Trade Secrets

14.1. "**Confidential Information**" shall mean any information relating to the Licensed Technology, the terms of this Agreement (as from time to time amended), Patents, copyrights, algorithms, and software covered by this Agreement or information disclosed to Licensee in the manner set forth hereinafter. All such information shall be Confidential Information, including information disclosed to Licensee prior to the Effective Date, unless such information (a) was already in Licensee's possession prior to the disclosure thereof by Carnegie Mellon as provided in subsection 14.1(1) hereof, (b) has been published or is published hereafter, unless such publication is a breach of this Agreement, (c) is received by

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Licensee from a third party not under an obligation of confidentiality with respect thereto, or (d) is independently developed by Licensee.

(1) In the event that such information shall be established to have been known to Licensee prior to the disclosure thereof by Carnegie Mellon by reference to any publication thereof by Licensee or by reference to any internal writing or other business record maintained by Licensee in the ordinary course of business, such information shall not be deemed to be Confidential Information for purposes of this Agreement following notification to Carnegie Mellon of such fact.

(2) With respect to any information not related to the Licensed Technology which is sought by Carnegie Mellon to be Confidential Information subject to this Agreement, Carnegie Mellon shall mark such information as "Confidential" prior to disclosing it to Licensee.

(3) With respect to any oral communication not related to the Licensed Technology which is deemed by Carnegie Mellon to be Confidential Information subject to this Agreement, Carnegie Mellon shall notify Licensee of such fact and within thirty (30) days thereafter Carnegie Mellon shall send a memorandum to Licensee outlining the information deemed to be Confidential Information.

14.2. Licensee shall maintain in confidence and shall not disclose to any person not a party hereto, nor shall Licensee use or exploit in any way without Carnegie Mellon's written agreement, any Confidential Information until three (3) years after the later of the date of termination of this Agreement or the end of the term of the last to expire Patent, unless such information ceases to be Confidential Information prior to the end of such period through no fault of Licensee or Licensee and Carnegie Mellon enter into an agreement authorizing same.

14.3. Licensee shall exercise all reasonable precautions to prevent the disclosure of Confidential Information by its employees or representatives, and in any event shall maintain with respect to such Confidential Information a standard of care which is no less than that standard which Licensee maintains to prevent the disclosure of its own confidential information but no less than a reasonable standard of care.

14.4. Upon termination of this Agreement, Licensee agrees to return at once to Carnegie Mellon, without copying, all originals and copies of all materials (other than this Agreement) containing any Confidential Information.

14.5. For the purposes of this Section 14, the term "Carnegie Mellon" shall include the creators of the Licensed Technology and those working with or under them.

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15. Indemnification

Licensee shall defend, indemnify, and hold harmless Carnegie Mellon and its trustees, officers, employees, attorneys and agents from and against any liability, damage, loss or expense (including attorneys' fees and expenses) incurred by or imposed upon any of Carnegie Mellon and/or its trustees, officers, employees, attorneys and agents in connection with any claim, suit, action or demand arising out of or relating to any exercise of any right or license granted or provided to Licensee or any failure to perform any obligation of Licensee this Agreement, including any Disposition of Licensed Product(s), under any theory of liability (including without limitation, actions in the form of tort, warranty, or strict liability, or violation of any law, and regardless of whether such action has any factual basis).

16. Insurance

Licensee shall, at its own expense, obtain and maintain throughout the term of this Agreement, commercial general liability insurance with a limit of not less than <<one million>> U.S. Dollars (\$ U.S. <<1,000,000>>) per occurrence and <<two million>> U.S. Dollars (\$ U.S. <<2,000,000>>) aggregate for products liability and completed operations from an insurance company(ies) having a financial rating from AM Best or similar rating service of at least an "A-". Carnegie Mellon shall be identified and named as an additional insured on such insurance policy(ies). Licensee agrees to provide Carnegie Mellon with evidence of such insurance upon the execution of this Agreement (and thereafter from time to time as Carnegie Mellon may request).

17. No Acquiescence

No acquiescence in any breach of this Agreement by either party shall operate to excuse any subsequent or prior breach.

18. Entire Agreement

This Agreement supersedes all previous agreements relating to the subject matter hereof, whether oral or in a writing, and constitutes the entire agreement of the parties hereto relating to the subject matter hereof and may not be amended or altered in any respect except in a writing executed by the parties.

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No Licensee-proposed amendment to this Agreement will be considered or agreed by Carnegie Mellon if Licensee is not then in compliance with its obligations under this Agreement, including its obligations under Sections 4 (Minimum Performance Requirements), 5 (Royalties and Payment Terms), 6 (Reports and Audits) and 8 (Patents and Other Intellectual Property). If Licensee is not then in compliance with its obligations under this Agreement, only Licensee-proposed amendments that result in Licensee becoming compliant with its obligations under this Agreement will be considered by Carnegie Mellon.

19. Governing Law

This Agreement shall be governed by, and construed and enforced in accordance with, the laws of the Commonwealth of Pennsylvania, without regard to conflict of law principles in that or any other jurisdiction.

20. Dispute Resolution

All claims and/or controversies of every kind and nature arising out of or relating to this Agreement, including any questions concerning its existence, negotiation, validity, meaning, performance, non-performance, breach, continuance or termination shall be settled (a) at Carnegie Mellon's election, by binding arbitration administered by the American Arbitration Association ("AAA") in accordance with its Commercial Arbitration Rules and, in such case (i) the arbitration proceedings shall be conducted before a panel of three arbitrators, with each party selecting one disinterested arbitrator from a list submitted by the AAA and the two disinterested arbitrators selecting a third arbitrator from the list, (ii) each party shall bear its own cost of arbitration, (iii) all arbitration hearings shall be conducted in Allegheny County, Pennsylvania, and (iv) the provisions hereof shall be a complete defense to any suit, action or proceeding instituted in any federal, state or local court of before any administrative tribunal with respect to any claim or controversy arising out of or relating to this Agreement and which is arbitrable as provided in this Agreement, provided that either party may seek injunctive relief in a court of law or equity to assert, protect or enforce its rights in any intellectual property and/or confidential or proprietary information as described in this Agreement, or (b) in the event that Carnegie Mellon does not elect binding arbitration as permitted in point (a) above, exclusively in the U.S. District Court for the Western District of Pennsylvania or, if such Court does not have jurisdiction, in any court of general jurisdiction in Allegheny County, Pennsylvania and each party consents to the

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exclusive jurisdiction of any such courts and waives any objection which such party may have to the laying of venue in any such courts.

21. Infringement

21.1. So long as Licensee remains the exclusive licensee of any of the Patents in the Field of Use, Licensee shall have the right during the term of this Agreement to commence an action for infringement of any of those Patents against any third party for any infringement occurring within the Field of Use, provided that Licensee shall provide Carnegie Mellon sixty (60) days' prior written notice of such infringement and of Licensee's intent to file such action. Carnegie Mellon shall have the right at its own expense (subject to being reimbursed from any settlement amount or proceeds as provided herein) to appear in such action by counsel of its own selection. If required by the jurisdictional laws of the forum that any such action be prosecuted in the name of the owner of the Patent or that Carnegie Mellon be joined as a party-plaintiff, Carnegie Mellon shall voluntarily appear; provided that Licensee shall hold Carnegie Mellon harmless from, and indemnify Carnegie Mellon against any liability, damage, loss, or expense that Carnegie Mellon suffers or incurs, including Carnegie Mellon's attorneys' fees and expenses, in connection with, in consequence of or resulting from any participation or involvement in such action.

All liability, damage, loss, or expense suffered or incurred by Carnegie Mellon in accordance with the preceding sentence, including reasonable compensation for the time of any Carnegie Mellon personnel, shall be paid by Licensee as the same as incurred by Carnegie Mellon. Settlement of any action brought by Licensee shall require the consent of Carnegie Mellon and any settlement amount or recovery for damages shall be applied as follows: (a) first, to reimburse the parties for their unreimbursed expenses in connection with the litigation; and (b) second, Carnegie Mellon shall receive compensation for unreimbursed time of any Carnegie Mellon personnel involved in the action; and (c) third, Carnegie Mellon shall receive the following percentage of the monies remaining: ten percent (10%).

21.2. In the event that Licensee is unsuccessful in persuading an alleged infringer to desist or fails to initiate any infringement action contemplated by Section 21.1 within a reasonable time after Licensee first becomes aware of the basis for such action, Carnegie Mellon shall have the right, in its sole discretion, to prosecute such infringement action at its sole expense, and any settlement amount or recovery shall belong to Carnegie Mellon.

21.3. Notwithstanding the pendency of any infringement (or other) claim or action by or against Licensee, Licensee shall have no right to terminate or suspend (or escrow) payment of any amounts required to be paid to Carnegie Mellon pursuant to this Agreement.

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22. PAEs

Notwithstanding Section 21.1 of this Agreement, Licensee (including without limitation any assignees of Licensee and any sublicensees under this Agreement) (each, a “Claimant”) may not, and has no right to, assert (including without limitation via a written or oral demand) a claim of infringement of any Patents or commence or pursue a claim, action or proceeding in a judicial, administrative or other governmental body, including without limitation, to a court (in any country) or the U.S. International Trade Commission, based in whole or in part on a claim of infringement of such Patent (each such action, a “Patent Assertion” or “Assert a Patent”) if and so long as the Claimant is a PAE (as defined below) (any such Patent Assertion by a PAE is referred to as a “PAE Patent Assertion”). Any PAE Patent Assertion in contravention of the foregoing prohibition shall constitute a default by Licensee under this Agreement giving rise to Carnegie Mellon’s remedies under this Agreement, including under Section 10. In addition to the remedies set forth in this Agreement, including under Section 10, and not in lieu thereof, Carnegie Mellon retains the right, exercisable in the sole discretion of Carnegie Mellon in the event of a PAE Patent Assertion, to grant non-exclusive, perpetual licenses to practice the Licensed Technology to third parties with respect to products and services (including components thereof) that are the subject of a PAE Patent Assertion. As used herein, a “PAE” is any entity that primarily acquires or licenses patents and seeks to generate profits by asserting, or threatening to assert, patents against accused infringers. A “PAE” does not include (a) any University or (b) any entity and/or any one of its Affiliates if such entity and all of its Affiliates collectively do not derive from one or more Patent Assertions more than half of their total consolidated revenue measured over the full twelve (12) months preceding a particular date (other than as a result, during such twelve (12) month period, of a damages award or settlement obtained in such period from patent infringement proceedings brought by such entity or its Affiliates against one or more other entities based on such other entities’ sale or distribution of one or more infringing products or services that compete against one or more bona fide commercial products or services of such entity or its Affiliates). For purposes of the foregoing sentence, the following will be counted as revenue to the extent derived by an entity from a Patent Assertion: (i) royalties and other monetary compensation arising from grant of releases, licenses, covenants not to sue or other rights to patent(s) for the primary purpose of deriving royalties or other monetary compensation under such patent(s) (which shall be counted as revenue at the time of receipt); (ii) monetary compensation arising from settlement of a Patent Assertion relating to patents (which shall be counted as revenue at the time of receipt); or (iii) damages finally awarded (following exhaustion of appeals) or paid arising from Patent Assertions. Licensee (and assignees, successors in interest, and sublicensees thereof) shall provide information reasonably requested by Carnegie Mellon from time to time to determine whether a Claimant is a PAE, which information shall be subject to Section 6.6 of this Agreement. “University” means an educational institution in any state which (A) admits as regular students only persons having a certificate of graduation from a school providing secondary education, or the recognized equivalent of such a certificate, (B) is legally authorized within such state to provide a program of education beyond secondary education, (C) provides an educational program for which a bachelor’s degree or any other higher degree is awarded, (D) is a public or other nonprofit institution and (E) is accredited by a nationally recognized accrediting agency or association. Any exclusive licensee (including any sublicensee or assignee thereof) of

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any Patents that contractually agrees with Carnegie Mellon to commercialization efforts and/or milestones shall not be considered a PAE for so long as such obligations remain in effect. “Affiliate” means with respect to a subject entity, any entity that directly or indirectly Controls, or is Controlled by, or is under common Control with such first entity, but only for so long as such Control exists. “Control” means (x) the ownership, or the direct or indirect control, of more than fifty percent (50%) of the voting stock or other voting ownership interest of an entity, (y) the sole power to elect, appoint, or cause the election or appointment of, directly or indirectly, at least a majority of the members of the board of directors (or such other governing body that exercises a similar level of control) of an entity, or (z) where such governing body does not exist, other power to direct the management of the entity.

23. Notices

Any notice under any of the provisions of this Agreement shall be deemed given when (a) personally delivered, or (b) sent prepaid by nationally recognized overnight carrier, or (c) deposited in the mail, postage prepaid, registered or certified first class mail, and in the case of (b) or (c), when addressed to the applicable party at the address stated on the signature page hereof, or such other address as such party shall specify for itself by like notice to other party. Each party shall in the case of (b) or (c), transmit to the other an electronic mail copy of each such notice promptly after sending same by nationally recognized overnight carrier or depositing same in the mail, as applicable.

24. Assignment

Licensee shall not assign or transfer this Agreement or any interest herein without the prior written consent of Carnegie Mellon.

25. Headings

The section headings contained in this Agreement are set forth for the convenience of the parties only, do not form a part of this Agreement and are not to be considered a part hereof for the purpose of construction or interpretation hereof, or otherwise.

26. Severability

If any provision of this Agreement or portion thereof is determined by a court of competent jurisdiction, or declared under any law, rule or regulation of any government having jurisdiction over the parties hereto, to be invalid, illegal or otherwise unenforceable, then such provision will, to the extent permitted by the court or government not be voided but

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will instead be construed to give effect to its intent to the maximum extent permissible under applicable law and the remainder of this Agreement will remain in full force and effect according to its terms.

(The balance of this page is intentionally left blank).

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The parties hereto have caused this Agreement to be executed by their duly authorized representatives in duplicate counterparts, each of which shall be deemed to constitute an original, effective as of the Effective Date.

Carnegie Mellon University

By: _____
Robert A. Wooldridge
Associate Vice President

Date: _____

Address for Notices:

Carnegie Mellon University
OVPR Bakery Square
5000 Forbes Ave.
Pittsburgh, PA 15213
Attention: Associate Vice President for Technology Transfer and Enterprise Creation
Email: innovation@cmu.edu

<Company>

By _____
Name: <name>
Title: <title>

Date: _____

Address for Notices:

Attention:
Email:
Facsimile:

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Attachment A

Description of Licensed Technology

The invention entitled "xxx" and the related documentation, if any, disclosed on <DATE> and bearing Carnegie Mellon File #xxx on an "as is" basis on the Effective Date.

Patent

Title:

Inventors:

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Attachment B

Annual Commercialization Report

Per Section 6.4 of the license agreement between Carnegie Mellon and [name of company] and dated as of _____(the “Agreement”), Licensee is required to furnish Carnegie Mellon with an annual commercialization report describing Licensee’s efforts to diligently commercialize Licensed Products during the past fiscal year and current plans for the next year. For convenience, Carnegie Mellon is providing the following outline to enable Licensee to report the required information.

Per Section 6.5 of the Agreement, Licensee is required to provide Carnegie Mellon with Licensee's financial statements for the immediately preceding fiscal year (including, at a minimum, an income statement, a statement of cash flows, and a balance sheet) that have been certified by Licensee's treasurer, chief financial officer, or an independent auditor. Please include the financial statements with the submission of the Annual Commercialization Report.

The submission will be treated as confidential business information of the company per Section 6.6 of the Agreement.

Instructions:

- *For Yes/No question, please place an “X” between the appropriate brackets.*
- *Text box fields will expand as needed. You are not limited to the space provided.*
- *Rows can be added or removed from tables as needed.*

Licensee Name and Current Address:	
Name of Primary Contact:	
Effective Date of the Agreement:	
Dates of any License Amendments:	
Report Period Beginning:	(mm/dd/yyyy)
Report Period Ending:	(mm/dd/yyyy)

Has Licensee been in existence for less than five (5) years?

Is Licensee a small entity (less than 500 employees)?

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I. Status of Milestones:

Please complete the two tables below:

Past-Year Milestones

Milestone	Contract Deadline	Met? (Y/N)	Achievement Date

Next-Year Milestones

Milestone	Contract Deadline

II. Commercialization Activities of Past Year:

In the space provided below, please summarize:

- Licensee’s efforts and accomplishments during past fiscal year to diligently commercialize Licensed Products including any first commercial Dispositions of Licensed Products in any country.
- Progress towards completing applicable milestones.
- Research and development activities of past year.
- Status of obtaining necessary government approvals (if applicable).

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III. Sublicensing Activity

In the space provided below, please list any sublicenses entered into in the past year.

<i>Name of Sublicensee</i>	<i>Patent Entity Status</i>	<i>Date of Sublicense</i>	<i>Address of Licensee</i>

IV. Commercialization Activities of Next Year:

In the space provided below, please summarize:

- Licensee’s development and commercialization plans for Licensed Products during next year.
- Plans for completing applicable milestones.
- Planned research and development activities for next year.
- Plans for obtaining necessary government approvals (if applicable).

V. Sales Projections:

In the space provided below, please summarize sales projections for Licensed Products during the next year:

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I certify that the information above is true and correct to the best of my knowledge.

By _____ Date _____
Signature of authorized representative

Printed Name:

Title:

Carnegie Mellon Contact Information:

Reporting: (Electronic delivery is preferred) Attn: Director of Technology Licensing Center for Technology Transfer and Enterprise Creation Carnegie Mellon University OVPR Bakery Square 5000 Forbes Ave. Pittsburgh, PA 15213 Phone: (412) 268-7393 E-mail: innovation@cmu.edu
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