Office Use Only

 DISCLOSURE NUMBER

**WATCO TECHNOLOGY DISCLOSURE**

**(Re: Patents and Copyright)**

**TECHNOLOGY**

**TITLE:**

**SUBMITTED BY:**

 **Principal Investigator [PI]**

 **Telephone/E-mail**

**PI FACULTY**

**& DEPARTMENT:**

**DATE OF SUBMISSION:**

**ELECTRONIC SUBMISSION:** Include all applicable attachments as separate files. Do not add pages to this form. Email form and attachments to: watco-or@uwaterloo.ca.

**COMMERCIAL CONFIDENTIAL: All information submitted within this disclosure will be treated as commercially confidential.**

**NOTE: When a Technology Disclosure is received by WatCo you will be contacted to arrange a meeting with WatCo staff to further discuss the Technology Disclosure and available WatCo support.**

1. **TECHNOLOGY DESCRIPTION**
2. Provide a brief description of the construction AND operation of the technology and the present development status of the technology. Attach[[1]](#footnote-1) additional information (papers, reports, drawings, other descriptive material) if useful to more fully describe the technology.
3. In developing the technology what were the specific problem(s) which you faced and the specific objectives you sought to achieve?
4. Are you aware of any attempt(s) by others (including attempts described in any publications) to solve the above problem(s)? If “yes”, briefly describe these and explain the disadvantages of the approach/technology developed by the others.
5. Explain the manner in which your technology solves the problem(s) described in Item (b) and overcomes the disadvantages of the technology described in Item(c).
6. List, in order of importance, the features or characteristics of your technology you would like to prevent others from manufacturing, using or selling.
7. **PATENT STATUS**
8. Has a patent search been conducted? **Yes** **No**

If yes, attach1 a copy of the report including a copy of the patents.

1. Has a literature search been conducted? **Yes No**

 If yes, attach1 a listing and copies of the papers/publications.

1. Who performed the patent search and when was it undertaken?

Name(s) Date(s)

1. Have any patents related to or associated with this technology been previously filed or issued?

 **Yes** **No**

If yes, attach1 a copy of the issued patent or in the case of a patent application the application filed noting the filing date and selected countries.

1. Please identify (list) **any** other person(s) or organization(s) [particularly any organization which funded any research related to the technology described in Item 1(a)] which has or may have any claims (license rights, options, other intellectual property agreements, etc.) to the technology.

1. **PUBLICATIONS/DISCLOSURES**
2. List and attach1 copies of any published articles2, including dates, relating to this invention.
3. List any publications[[2]](#footnote-2) (attach1 copies if available) that may be pending and their expected publication date.
4. Has the invention been discussed or otherwise verbally disclosed to any other party (company/individual)? **Yes No**
If yes, list name(s)/date(s).

Name(s) Date(s)

1. Have any other parties been contacted to discuss protecting/commercialization of your invention/technology? **Yes No**
If yes, list name(s)/date(s).

Name(s) Date(s)

1. **SUPPORT OF WORK TO DATE**
2. Sources of Funding

Please indicate all of your funding support for the research contributing to this invention.

1. Grants
(List and provide details: Title, UW Grant Agreement No. and Dates)

 1.

 2.

 3.

 4.

1. Research Contracts[[3]](#footnote-3)
(List and provide details: Company Name, UW Contract No. and Dates)

 1.

 2.

 3.

 4.

1. Other Support
(Commitments to other companies/universities/governments and organizations in which the researchers have an interest or receive support from, i.e. of salary, providing equipment, etc.)

 1.

 2.

 3.

 4.

1. Funding Source Rights:

For **all** of the parties listed as providing funding support in Item 4 (a) and any other parties, **provide copies** of any agreements signed by the Inventor(s) which include any rights (provide Brief Particulars below) to the intellectual property associated with this technology.

 Brief Particulars:

1. Funding Source Intellectual Property Provisions

Please provide a copy1 of the Intellectual Property provisions contained in each Grant, each Research Contract and for each arrangement for Other Support.
2. Research Team:

List the Principal Investigator(s) and all other members of the research team and their roles in the discovery/technology’s development.

 Team Member(s) Roles Status[[4]](#footnote-4)

1. Invention/Inventors
2. Invention:

 What is the “date of the invention” (date invention was first conceived)?

1. Inventor(s):
List ALL persons who should be named as Inventors[[5]](#footnote-5) in any patent filing.

 Name Title Name of Institution

ACKNOWLEDGEMENT:

The undersigned, being the SUBMITTER of this Technology Disclosure, does hereby declare and confirm that to the best of his/her knowledge and belief the information provided in Section 4. SUPPORT OF WORK TO DATE is accurate and true both in substance and fact.

Signature: Date:

1. **INDUSTRIAL INTEREST/SUPPORT**Have you developed any industrial contacts interested in the technology? If so, please list companies with name(s) of your contact and attach copies of any relevant letters.

Name(s) of Company Name of Contact(s)

1. **ONGOING AND FUTURE RESEARCH PLANS**

Provide a description of the development status of the technology and the ongoing development activities to be undertaken that will facilitate commercialization of the technology. (Describe in terms of bench scale studies, engineering design drawings, prototype development, scaled up proof-of-principle demonstration projects, etc...).

1. Ongoing:
2. Future:
3. **COMMERCIAL ASSESSMENT**
4. What market opportunity does this technology target? (What is the motivation for an end-user to purchase this technology product/service?)
5. List the range of target markets/applications for this technology and indicate whether the market is expanding, stable, or shrinking
6. How is this problem being addressed now? (What are the competing technologies and list names of competitors?)
7. What are the key distinctive benefits of this technology over the existing competitive or substitute technologies? (eg. costs, product quality, increased functionality, safety, etc..)
8. What are the cost impacts of this technological solution to end-users? Higher or lower cost (please quantify as a percentage)? Will the adoption of this technology require high cost capital equipment or significant changes to current production methods? If so, explain.
9. List known companies who may have an interest in commercializing this technology. (Company name, contact person, phone number, web site, etc.)
10. Is this market affected by government regulations that may either impede or drive the acceptance of this technology in the selected application markets? If yes, list the regulations and describe the potential impact on the technology.
11. What are the current significant technical hurdles that still need to be addressed prior to commercializing this technology?
12. List any other source of additional market information.
13. **INVENTOR DATA** **[for each entry from Section 4 (e)(ii)]**

Surname Given Names (In Full) (Print)

Country of Residence

Citizenship Full Home Address (Print)

Email Address Telephone #

Surname Given Names (In Full) (Print)

Country of Residence

Citizenship Full Home Address (Print)

Email Address Telephone #

Surname Given Names (In Full) (Print)

Country of Residence

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Citizenship Full Home Address (Print)

Email Address Telephone #

Surname Given Names (In Full) (Print)

Country of Residence

Citizenship Full Home Address (Print)

Email Address Telephone #

1. Attach each file separately [↑](#footnote-ref-1)
2. By any of the members of the Research Team [See Paragraph 4.d)] [↑](#footnote-ref-2)
3. Includes companies, Centres of Excellence (Ontario/ Federal/NSERC), government organizations, individuals, etc. [↑](#footnote-ref-3)
4. Student - Undergraduate/Ma.Sc./Ph.D.;

Faculty - Sabbatical Leave, Visiting Professor, Adjunct Professor, Associate Professor, Assistant Professor, Lecturer, Other (specify). [↑](#footnote-ref-4)
5. An Inventor is the person (may be more than one person) who has made a contribution to the conception (mental formulation and disclosure of the inventive idea) of the subject matter of the invention. To be an Inventor, the person’s contribution must show up in at least one of the claims in the patent [↑](#footnote-ref-5)