

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Wayne L. Shebilske	03/08/2009
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12921755
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NAME OF SUBMITTER:	John J. Brooks III
Total Attachments: 7 source=APTIPP0803P2_ShebAssigntoWSU_signed#page1.tif source=APTIPP0803P2_ShebAssigntoWSU_signed#page2.tif source=APTIPP0803P2_ShebAssigntoWSU_signed#page3.tif source=APTIPP0803P2_ShebAssigntoWSU_signed#page4.tif source=APTIPP0803P2_ShebAssigntoWSU_signed#page5.tif	

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Invention Disclosure Form
CONFIDENTIAL

This document is an important legal document. Please use care in preparing the information requested. Please attach any additional documents you feel would be helpful in assessing the technology. Contact the Office of Technology Transfer at (937) 775-4245 if you have any questions.

Please email a copy of your completed form to: techtransfer@wright.edu

AND

Please be sure to send the signed original form to: Office of Technology Transfer
181 Joshi Center

The information disclosed in the Confidential section of this document is deemed CONFIDENTIAL, and will not be divulged unless a confidentiality agreement is executed between Wright State University and the requesting party, except as required by applicable law.

- A. Working Title of Invention:** Probabilistic Decision Making System and Methods of Use (including the description provided by US Provisional Application 61/035,796 filed March 12, 2008)
- B. Description of Invention:** [On separate pages, please provide a detailed description of your invention. This description should contain sufficient detail so that a person skilled in the same discipline could reproduce the invention. Please include any of the following items that may be relevant: invention data, drawings, photographs, structural formulae, procedural steps, description of existing prototype or working model. If your invention contains copyrightable information, please specify if you have used any copyright marking to date.]

Copy of Patent Application by Aptima is attached.

C. Non-proprietary Abstract: On a separate page, please provide a non-proprietary/non-confidential description of the invention that may be used for marketing purposes. These are generally one to two paragraphs in length and should focus on the invention's commercial application and benefits without disclosing inventive methods or other confidential details. This abstract may be posted on the Office of Technology Transfer's website and/or sent to prospective licensees.

D. Key Word Listing: Please provide a list of key words related to the invention to be used for the purpose of patent searching and/or marketing the invention: _____

E. Invention Conception: Conception is the formation in the mind of the inventor(s) of a definite and permanent idea of the complete and operative invention, as it is thereafter to be applied in practice. An idea is sufficiently "definite and permanent" when only ordinary skill would be necessary to reduce the invention to practice, without extensive research or experimentation. Please provide the following information with respect to the conception of the subject invention:

Date: 9/1/ 2005

Place: MOST subcontract between WSU and Aptima. (WSU 0308-1241, 9/1/05,
Prime FA9550-05-C-0101) (Air Force OSR)

Existing record: I don't have a record prior to the grant proposal. It is a record and the date is for it.

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F. Reduction to Practice: Provide information regarding the first successful construction or operation of the invention that shows the practical usefulness and advantages of those features that distinguish it from prior technology.

Has this occurred? Yes No

Date: 2/5/07

Place: WSU

Existing record: Data and article submitted to the Journal of Mathematical Psychology

Witnesses: Shruti Narakesari and Ganesh Alaake

G. Past and planned disclosure(s) to others outside of the University: Private disclosures can serve to corroborate when the invention was made, however public disclosures, especially printed publications (including but not limited to news reports, abstracts, theses and dissertations) can limit the period for filing a U.S. patent application and possibly preclude foreign patents altogether. Please attach additional information as needed.

1. Type of disclosure:	Place: Journal of Mathematical Psychology
Date: 3-23-2008	To whom: Journal of Mathematical Psychology
2. Type of disclosure:	Place:
Date:	To whom:
3. Type of disclosure:	Place:
Date:	To whom:
4. Type of disclosure:	Place:
Date:	To whom:

H. References and Prior Art: Please list the closest and most relevant patents, publications, commercial products or processes, etc., related to the invention. Please attach additional information as needed.

- 1.
- 2.
- 3.
- 4.

I. Commercial Applications and Advantages of the Invention: On separate pages, please identify the potential commercial applications and advantages of the invention. Some questions to address may include: What products, processes or services would result from the invention? What problem does the invention solve? What features of the invention would make it a superior alternative to existing technologies? What alternate solutions would solve the problem(s)? What is the market for this invention?

J. Potential Licensees: Please list any companies that may be particularly interested in the invention or that are engaging in similar or complementary research. Please attach additional information as needed.

- 1.
- 2.
- 3.
- 4.

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K. Project/Sponsor Information: Please identify all research projects and/or sponsors that supported the development of the described invention, and attach any applicable documentation/agreements.

Agency/Company Name & Contact Info	Agency/Company Contract Number	Sponsored Research Project Number	Agency/Company Percent Funding
9/1/2005	8/31/2006 FA9550-05-C-0101	\$60,000 0308-1241	Model Based Optimal System for Training (MOST) Aptima, Inc./AFRL
09/01/04	05/31/2005	\$30,000	Model Based Optimal System for Training (MOST) Aptima, Inc./AFRL

Was any collaboration, consultation, or work done with a company or other university related to this invention?

Yes No

Please provide details: This research was done in collaboration with researchers at Aptima.

L. Materials. Please provide information regarding any relevant materials that may were received from an entity outside of the University, including those under a Material Transfer Agreement (MTA).

1. Were materials obtained from others to create this invention? Yes No
If yes, please specify the organization/company from which such materials were received: Aptima, Inc.

 Please identify the materials: Mathematical Model for Training Teams

Did an MTA accompany the transfer? Yes No

Please attach any applicable MTA(s).

2. Were materials/devices requiring IRB, IBC, EH&S, or Radiation Safety approval used in your invention?
Yes No
If Yes, please provide relevant reference number and approval date: _____
3. Were materials, components, devices, systems provided by another organization used in your invention that are subject to EAR or ITAR? Yes No
If Yes, please attach a detailed list with the name(s) and contact information of the provider(s)

M. Conflict of Interest Information.

1. Do any of the contributors to this invention serve as a director, officer or board member of the company or companies identified as potential licensee? Yes No
If so, please list in what capacity such person(s) serves.
2. Do any of the contributors to this invention have an interest in any of the companies identified as potential licensees (i.e. holding stock, options, consulting fees, honorariums, or other compensation)?
Yes No
If so, please list the companies and type of interest that is held by such person(s).

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3. Do any of the contributing parties work for, or consult for any of the companies identified as potential licensees? Yes No
If so, please list the companies for which each person works/consults. Aptima, Inc.

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N. Contribution/Inventorship. Please identify all persons who have made a significant intellectual contribution to what you believe are the novel aspects of the invention, as described in this disclosure. Please remember that ALL CONTRIBUTORS/INVENTORS MUST SIGN THEIR RESPECTIVE CONTRIBUTOR/INVENTOR INFORMATION PAGE. Please attach additional pages as needed.

Contributor (Primary)	Contributor
Name: Wayne Shebilske	Name:
Department: Psychology	Department:
Percent Contribution: 100%	Percent Contribution:
Contributor	Contributor
Name:	Name:
Department:	Department:
Percent Contribution:	Percent Contribution:

Contributor(s)/Inventor(s) hereby certify that they have reviewed and understand the Wright State University Intellectual Property Policy, and that any revenues generated from the commercialization of this invention will be distributed according to such policy.

Contributor (Primary) Date

Contributor Date

Contributor Date

Contributor Date

For primary inventor only:

Department Chair/Supervisor Date

Dean Date



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Wright State University Contributor Information

Title: Dr. Last Name: Shebilske First Name: Wayne MI: L.

Citizenship: USA If not U.S. citizen, indicate visa type: _____

Job Title: Professor
Department: Psychology, College of Science and Mathematics
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Campus Phone: 937-775-2399
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Email: wayne.shebilske@wright.edu

Residential Address: 3950 Jacob Hills Ct.
City: Bellbrook State: Ohio ZIP: 45305
Residential Phone: _____

Dean of College: _____ Chair of Department: _____
Dr. Michele Wheatley Dr. John M. Flach

In order for this Invention Disclosure to be complete and processed, it must be reviewed and signed by ALL contributor(s)/inventor(s). Please provide your signature in the designated area below, and submit with the full Invention Disclosure.

I certify and affirm that all of the information provided in this Invention Disclosure is complete, accurate and true, to the best of my knowledge. I have reviewed and understand the Wright State University Intellectual Property Policy and as required do assign my rights in this invention and all resulting patents to Wright State University. I agree to cooperate with Wright State University in the protection of this invention, and understand that any revenue that may be derived from this invention will be distributed according to University policy.

Signature: Wayne Shebilske Date: 3-8-09

Printed Name: Wayne L. Shebilske

Title: Professor, Department of Psychology, College of Science and Mathematics

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Non-Wright State University Contributor Information

Application to be filed by Aptima includes one or more inventors from Aptima.

Title: _____ Last Name: _____ First Name: _____ MI: _____

Citizenship: _____ If not U.S. citizen, indicate visa type: _____

Job Title: _____

Work/Company Name: _____

Work Address: _____

City: _____ State: _____ ZIP: _____

Work Phone: _____

Work Fax: _____

Email: _____

Residential Address: _____

City: _____ State: _____ ZIP: _____

Residential Phone: _____

In order for this Invention Disclosure to be complete and processed, it must be reviewed and signed by ALL contributor(s)/inventor(s). Please provide your signature in the designated area below, and submit with the full Invention Disclosure.

I certify and affirm that all of the information provided in this Invention Disclosure is complete, accurate and true, to the best of my knowledge.

Signature: _____

Date: _____

Printed Name: _____

Title: _____