



National
Aeronautics and
Space
Administration

Disclosure of Invention and New Technology (Including Software)

Form Approved
O.M.B. NO.
2700-0009

DATE

NT CONTROL NO. (OFFICIAL USE ONLY)

This is an important legal document. Carefully complete and forward to the Patent Representative (NASA in-house innovation) or New Technology Representative (contractor/grantee innovation) at NASA. Use of this report form by contractor/grantee is optional; however, an alternative format must at a minimum contain the information required herein. NASA in-house disclosures should be read, understood and signed by a technically competent witness in the witness signature block at the end of this form.

In completing each section, use whatever detail deemed appropriate for a "full and complete disclosure." Contractors/Grantees please refer to the New Technology or Patent Rights - Retention by the Contractor clauses. When necessary, attach additional documentation to provide a full, detailed description.

1. DESCRIPTIVE TITLE

2. INNOVATOR(S) (Name(s), Title(s), Phone Number(s), Home Address(es). For non U.S. citizen, include INS Form I-551 No. and expiration date. If multiple innovators, please number.)

3. EMPLOYER(S) WHEN INNOVATION MADE (Name and Division)

4. ADDRESS(ES) (Place of performance)

5. EMPLOYER STATUS (choose one for each innovator)

Innovator #1 Innovator #3

Innovator #2 Innovator #4

GE = Government
CU = College or University
NP = Non-Profit Organization
SB = Small Business Firm
LE = Large Entity

6. ORIGIN (check all that apply and supply number(s))

- NASA In-house Org. Code _____
- NASA Grant No. _____
- NASA Prime Contract No. _____
Task No. _____ Report No. _____
- Subcontractor; Subcontract Tier _____
- Joint Effort (NASA prime contractor and NASA in-house)
- Multiple Contractor Contribution
(collaboration of prime contractor and subcontractor)
- Other (e.g., Space Act or Cooperative Agreement)
No. _____

UPN(s) _____
UPN(s) _____
UPN(s) _____
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UPN(s) _____
UPN(s) _____
Contractor Reportable Item No.

7. NASA CONTRACTING OFFICER'S TECHNICAL REPRESENTATIVE (COTR)

8. CONTRACTOR/GRANTEE NEW TECHNOLOGY REPRESENTATIVE (POC)

9. BRIEF ABSTRACT (A general description of the innovation which describes its capabilities, but does not reveal details that would enable duplication or imitation of the innovation.)

SECTION I - DESCRIPTION OF THE PROBLEM OR OBJECTIVE THAT MOTIVATED THE INNOVATION'S DEVELOPMENT (Enter as appropriate: A.- General description of problem/objective; B.- Key or unique problem characteristics; C.- Prior art, i.e., prior techniques, methods, materials, or devices performing function of the innovation, or previous means for performing function of software; and D.- Disadvantages or limitations of prior art.)

SECTION II - TECHNICALLY COMPLETE AND EASILY UNDERSTANDABLE DESCRIPTION OF INNOVATION DEVELOPED TO SOLVE THE PROBLEM OR MEET THE OBJECTIVE (Enter as appropriate; existing reports, if available, may form a part of the disclosure, and reference thereto can be made to complete this description: A.- Purpose and description of innovation/software; B.- Identification of component parts or steps, and explanation of mode of operation of innovation/software preferably referring to drawings, sketches, photographs, graphs, flow charts, and/or parts or ingredient lists illustrating the components; C.- Functional operation; D.- Alternate embodiments of the innovation/software; E.- Supportive theory; F.- Engineering specifications; G.- Peripheral equipment; and H.- Maintenance, reliability, safety factors.)

SECTION III - UNIQUE OR NOVEL FEATURES OF THE INNOVATION AND THE RESULTS OR BENEFITS OF ITS APPLICATION *(Enter as appropriate: A.- Novel or unique features; B.- Advantages of innovation/software; C.- Development or new conceptual problems; D.- Test data and source of error; E.- Analysis of capabilities; and F.- For software, any re-use or re-engineering of existing code, use of shareware, or use of code owned by a non-federal entity.)*

SECTION IV - SPECULATION REGARDING POTENTIAL COMMERCIAL APPLICATIONS AND POINTS OF CONTACT *(including names of companies producing or using similar products)*

10. ADDITIONAL DOCUMENTATION (Include copies or list below any pertinent documentation which aids in the understanding or application of the innovation (e.g., articles, contractor reports, engineering specs, assembly/manufacturing drawings, parts or ingredients list, operating manuals, test data, assembly/manufacturing procedures, etc.)

TITLE	PAGE	DATE
_____	_____	_____
_____	_____	_____

11. DEGREE OF TECHNOLOGICAL SIGNIFICANCE (Which best expresses the degree of technological significance of this innovation?)

Modification to Existing Technology Substantial Advancement in the Art _____

12. STATE OF DEVELOPMENT

Concept Only Design Prototype Modification Production Model Used in Current Work

13. PATENT STATUS (Prior patent on/or related to this innovation)

Application Filed Application No. _____ Application Date _____
 Patent Issued Patent No. _____ Issue Date _____

14. INDICATE THE DATES OR THE APPROXIMATE TIME PERIOD DURING WHICH THIS INNOVATION WAS DEVELOPED (i.e., conceived, constructed, tested, etc.)

15. PREVIOUS OR CONTEMPLATED PUBLICATION OR PUBLIC DISCLOSURE INCLUDING DATES (Provide as applicable: A.- Type of publication or disclosure, e.g., report, conference or seminar, oral presentation; B.- Disclosure by NASA or Contractor/Grantee; and C.- Title, volume no., page no., and date of publication.)

16. QUESTIONS FOR SOFTWARE ONLY

- (a.) Using outsiders to beta-test code? YES NO If Yes, done under beta-test agreement? YES NO
- (b.) Modifications to this software continue by civil servant and/or contractual agreement? YES NO
- (c.) Previously copyrighted? YES NO UNKNOWN If copyrighted, then by whom? _____
- (d.) Were prior versions distributed? YES NO If Yes, supply NASA or Contractor contact: _____
- (e.) Contains or is based on code owned by a non-federal entity? YES NO UNKNOWN
If Yes, has a license for use been obtained? YES NO UNKNOWN
- (f.) Has the latest version been distributed without restrictions as to use or disclosure for more than one year?
 YES NO UNKNOWN If Yes, date of disclosure: _____

17. DEVELOPMENT HISTORY

STAGE OF DEVELOPMENT	DATE (M/Y)	LOCATION	IDENTIFY SUPPORTING WITNESSES (NASA in-house only)
a. First disclosure to others			
b. First sketch, drawing, logic chart or code			
c. First written description			
d. Completion of first model of full size device (invention) or beta version (software)			
e. First successful operational test (invention) or alpha version (software)			

f. Contribution of innovators (If jointly developed, provide the contribution of each innovator)

g. Indicate any past, present, or contemplated government use of the innovation

18. SIGNATURE(S) OF INNOVATOR(S), WITNESS(ES), AND NASA APPROVAL

TYPED NAME AND SIGNATURE (Innovator #1)	DATE	TYPED NAME AND SIGNATURE (Innovator #2)	DATE
TYPED NAME AND SIGNATURE (Innovator #3)	DATE	TYPED NAME AND SIGNATURE (Innovator #4)	DATE
TYPED NAME AND SIGNATURE (Witness #1)	DATE	TYPED NAME AND SIGNATURE (Witness #2)	DATE
NASA APPROVED 	TYPED NAME	SIGNATURE	DATE