Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

PROVISIONAL APPLICATION FOR PATENT COVER SHEET - Page 1 of 2

This is a request for filing a PROVISIONAL APPLICATION FOR PATENT under 37 CFR 1.53(c).

Express Mail Label No.				<u></u>	
INVENTOR(S)					
Given Name (first and middle [if any])	Family Name or Surname		(City)	Residence	
			(City	and either State or Foreign Country)	
Additional inventors are being named on theseparately numbered sheets attached hereto					
TITLE OF THE INVENTION (500 characters max):					
Direct all correspondence to: CORRESPONDENCE ADDRESS					
The address corresponding to Customer Number:					
OR					
Firm or Individual Name					
Address					
City		State		Zip	
Country		Telephone		Email	
ENCLOSED APPLICATION PARTS (check all that apply)					
Application Data Sheet. See 37 CFR 1.76		CD(s), Number of CDs			
Drawing(s) Number of Sheets	Other	(specify)			
Specification (e.g. description of the invention) Number of Pages					
Fees Due: Filing Fee of \$210 (\$105 for small also due, which is \$260 (\$130 for small entity)	entity). If the spe for each additional	cification and drawings ex al 50 sheets or fraction the	ceed 100 sheer reof. See 35 L	ets of paper, an application size fee is J.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).	
METHOD OF PAYMENT OF THE FILING FE	E AND APPLICAT	TION SIZE FEE FOR THIS	S PROVISION	AL APPLICATION FOR PATENT	
Applicant claims small entity status. See 37 CFR 1.27.					
A check or money order is enclosed to cover the filing fee and application size fee (if applicable).					
Payment by credit card. Form PTO-2038 is attached TOTAL FEE AMOUNT (\$)					
The Director is hereby authorized to charge the filing fee and application size fee (if applicable) or credit any overpayment to Deposit					
Account Number:					

USE ONLY FOR FILING A PROVISIONAL APPLICATION FOR PATENT

This collection of information is required by 37 CFR 1.51. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 8 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PROVISIONAL APPLICATION COVER SHEET Page 2 of 2

PTO/SB/16 (08-08)
Approved for use through 06/30/2010. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

No.	ernment contract number are:		
Petitioner/applicant is cautioned to avoid submitting persor contribute to identity theft. Personal information such as numbers (other than a check or credit card authorization for the USPTO to support a petition or an application. If this the USPTO, petitioners/applicants should consider redactin them to the USPTO. Petitioner/applicant is advised that publication of the application (unless a non-publication requor issuance of a patent. Furthermore, the record from an application is referenced in a published application or a	ARNING: nal information in documents filed in a patent application that may a social security numbers, bank account numbers, or credit card rm PTO-2038 submitted for payment purposes) is never required by type of personal information is included in documents submitted to a such personal information from the documents before submitting the record of a patent application is available to the public after uest in compliance with 37 CFR 1.213(a) is made in the application) a abandoned application may also be available to the public if the an issued patent (see 37 CFR 1.14). Checks and credit card poses are not retained in the application file and therefore are not		
SIGNATURE	Date		
TYPED or PRINTED NAME	REGISTRATION NO(if appropriate)		
TELEPHONE	Docket Number		

Privacy Act Statement

The **Privacy Act of 1974 (P.L. 93-579)** requires that you be given certain information in connection with your submission of the attached form related to a patent application or patent. Accordingly, pursuant to the requirements of the Act, please be advised that: (1) the general authority for the collection of this information is 35 U.S.C. 2(b)(2); (2) furnishing of the information solicited is voluntary; and (3) the principal purpose for which the information is used by the U.S. Patent and Trademark Office is to process and/or examine your submission related to a patent application or patent. If you do not furnish the requested information, the U.S. Patent and Trademark Office may not be able to process and/or examine your submission, which may result in termination of proceedings or abandonment of the application or expiration of the patent.

The information provided by you in this form will be subject to the following routine uses:

- The information on this form will be treated confidentially to the extent allowed under the Freedom of Information Act (5 U.S.C. 552) and the Privacy Act (5 U.S.C 552a). Records from this system of records may be disclosed to the Department of Justice to determine whether disclosure of these records is required by the Freedom of Information Act.
- 2. A record from this system of records may be disclosed, as a routine use, in the course of presenting evidence to a court, magistrate, or administrative tribunal, including disclosures to opposing counsel in the course of settlement negotiations.
- A record in this system of records may be disclosed, as a routine use, to a Member of Congress submitting a request involving an individual, to whom the record pertains, when the individual has requested assistance from the Member with respect to the subject matter of the record
- 4. A record in this system of records may be disclosed, as a routine use, to a contractor of the Agency having need for the information in order to perform a contract. Recipients of information shall be required to comply with the requirements of the Privacy Act of 1974, as amended, pursuant to 5 U.S.C. 552a(m).
- 5. A record related to an International Application filed under the Patent Cooperation Treaty in this system of records may be disclosed, as a routine use, to the International Bureau of the World Intellectual Property Organization, pursuant to the Patent Cooperation Treaty.
- 6. A record in this system of records may be disclosed, as a routine use, to another federal agency for purposes of National Security review (35 U.S.C. 181) and for review pursuant to the Atomic Energy Act (42 U.S.C. 218(c)).
- 7. A record from this system of records may be disclosed, as a routine use, to the Administrator, General Services, or his/her designee, during an inspection of records conducted by GSA as part of that agency's responsibility to recommend improvements in records management practices and programs, under authority of 44 U.S.C. 2904 and 2906. Such disclosure shall be made in accordance with the GSA regulations governing inspection of records for this purpose, and any other relevant (i.e., GSA or Commerce) directive. Such disclosure shall not be used to make determinations about individuals.
- 8. A record from this system of records may be disclosed, as a routine use, to the public after either publication of the application pursuant to 35 U.S.C. 122(b) or issuance of a patent pursuant to 35 U.S.C. 151. Further, a record may be disclosed, subject to the limitations of 37 CFR 1.14, as a routine use, to the public if the record was filed in an application which became abandoned or in which the proceedings were terminated and which application is referenced by either a published application, an application open to public inspection or an issued patent.
- A record from this system of records may be disclosed, as a routine use, to a Federal, State, or local law enforcement agency, if the USPTO becomes aware of a violation or potential violation of law or regulation.