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## 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		
INVENTOR(S)		
Given Name (first and middle [if any])	Family Name or Surname	Residence (City and either State or Foreign Country)
Additional inventors are being named on the	separately numbered s	sheets attached hereto.
TITLE OF THE INVENTION (500 characters max):		
Direct all correspondence to: CORRESPONDENCE ADDRESS		
The address corresponding to Customer Number:		
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ENCLOSED APPLICATION PARTS (check all that apply)		
Application Data Sheet. See 37 CFR 1.76.		r of CDs
Drawing(s) Number of Sheets	Other (specify	r)
Specification (e.g., description of the invention)	Number of Pages	
Fees Due: Filing Fee of \$280 (\$140 for small entity) (an application size fee is also due, which is \$400 (\$200 thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).	for small entity) (\$100 for micro ent	ity) for each additional 50 sheets or fraction
METHOD OF PAYMENT OF THE FILING FEE AND	APPLICATION SIZE FEE FOR THIS	PROVISIONAL APPLICATION FOR PATENT
Applicant asserts small entity status. See 37 CFR 1		
Applicant certifies micro entity status. See 37 CFR 1.29. Applicant must attach form PTO/SB/15A or B or equivalent.		
A check or money order made payable to the <i>Dire</i> and <i>Trademark Office</i> is enclosed to cover the fili		plicable). TOTAL FEE AMOUNT (\$)
Payment by credit card. Form PTO-2038 is attached.		
The Director is hereby authorized to charge the fi	ling fee and application size fee (if a	pplicable) or credit any overpayment to Deposit
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## **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 10 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.

Approved for use through 11/30/2020. OMB 0651-0032

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## PROVISIONAL APPLICATION FOR PATENT COVER SHEET - Page 2 of 2

The invention was made by an agency of the United States Government.	Government or under a contract with an agency of the United States
No.	
Yes, the invention was made by an agency of the U.S.	Government. The U.S. Government agency name is:
	n agency of the U.S. Government. The name of the U.S. Government agency and
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contribute to identity theft. Personal information such numbers (other than a check or credit card authorizat the USPTO to support a petition or an application. If the USPTO, petitioners/applicants should consider receivement to the USPTO. Petitioner/applicant is advised the publication of the application (unless a non-publicatio or issuance of a patent. Furthermore, the record from application is referenced in a published application or	personal information in documents filed in a patent application that may a as social security numbers, bank account numbers, or credit card ion form PTO-2038 submitted for payment purposes) is never required by his type of personal information is included in documents submitted to dacting such personal information from the documents before submitting at the record of a patent application is available to the public after in request in compliance with 37 CFR 1.213(a) is made in the application) an abandoned application may also be available to the public if the an issued patent (see 37 CFR 1.14). Checks and credit card authorization not retained in the application file and therefore are not publicly
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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.

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- 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.
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