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

Effective on 12/08/2004.				Complete if Known			
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).				Application Nu	ımber		
FEE TRANSMITTAL				Filing Date			
	For FY	2007		First Named Ir	nventor		
Applicant claims small entity status. See 37 CFR 1.27				Examiner Nan	ne		
			Art Unit				
TOTAL AMOUNT OF PAYMENT (\$)			Attorney Dock	et No.			
METHOD OF PAYMENT (check all that apply)							
Check Credit Card Money Order None Other (please identify):							
Deposit Account Deposit Account Number: Deposit Account Name:							
For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)							
Charge fee(s) indicated below Charge fee(s) indicated below, except for the filing fee							
Charge any additional fee(s) or underpayments of fee(s) Credit any overpayments							
under 37 CFR 1.16 and 1.17 WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card							
information and authorization on PTO-2038. FEE CALCULATION							
1. BASIC FILING, SEARCH, AND EXAMINATION FEES FILING FEES SEARCH FEES EXAMINATION FEES							
Application 1		Small Enti	<u>ity</u>	Small Entity		Small Entity	Fees Paid (\$)
Utility	<u>Sype</u> <u>Fee (</u> 300	<u>Fee (\$)</u> 150	<u>Fee (\$</u> 500		Fee (\$) 200	<u>Fee (\$)</u>	rees Paid (\$)
_	200			250		100	
Design Plant	200	100	100	50	130	65	
		100	300	150	160	80	
Reissue	300	150	500	250	600	300	
Provisional 200 100 0 0 0							
2. EXCESS CLAIM FEES Fee Description Small Entity Fee (\$)							
Each claim over 20 (including Reissues) Each independent claim over 3 (including Reissues)						50	25
	g Reissues)			200	100		
Multiple der Total Claims	ee (\$) Fee	e Paid (\$)		360 Multiple D	180 Dependent Claims		
	Extra (x		<u>σταια (ψη</u>		Fee (\$)	Fee Paid (\$)
	mber of total claims p			Doid (\$)			
	or HP =	х	=	e Paid (\$)			
HP = highest number of independent claims paid for, if greater than 3.							
3. APPLICATION SIZE FEE If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer							
listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50							
sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).							
Total Sheets Extra Sheets Number of each additional 50 or fraction thereof Fee (\$) Fee Paid (\$) 100 = / 50 = (round up to a whole number) x =							
4. OTHER FEE(S) Fees Paid (\$)							
Non-English Specification, \$130 fee (no small entity discount)							
Other (e.g., late filing surcharge):							
SUBMITTED BY							
Signature				Registration No.		Teleph	one
Name (Print/Type)				(Attorney/Agent)		Date	

This collection of information is required by 37 CFR 1.136. 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 1.14. This collection is estimated to take 30 minutes 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 Administrative 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

OMB Clearance and PRA Burden Statement for PTO/SB/17

This collection of information is required by 37 CFR 1.137. 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, 1.14 and 41.6. This form is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed 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 Administration 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: Mail Stop Petition, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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. The United States Patent and Trademark Office (USPTO) collects this information under authority of 5 CFR 339.205. The information in this system of records is used to manage all records of applicant including name, citizenship, residence, post office address and other information pertaining to the applicant's activities in connection with the invention for which a patent is sought. Statements containing various kinds of information with respect to inventors who are deceased or incapacitated, or who are unavailable or unwilling to make application for patent. The information obtain is protected from disclosure to third parties in accordance with the Privacy Act.

However, routine uses of this information may include disclosure to the following: to law enforcement and investigation in the event that the system of records indicates a violation or potential violation of law; to a Federal, state, local, or international agency, in response to its request; to an agency, organization, or individual for the purpose of performing audit or oversight operations as authorized by law; to non-federal personnel under contract to the agency; to a court for adjudication and litigation; to the Department of Justice for Freedom of Information Act (FOIA) assistance; to members of congress working on behalf of an individual; to the Office of Personnel Management (OPM) for personnel research purposes; to National Archives and Records Administration for inspection of records; and to the Office of Management and Budget (OMB)for legislative coordination and clearance. Failure to provide any part of the requested information may result in an inability to process requests for access and information. The applicable Privacy Act System of Records Notice for this information is COMMERCE/PAT-TM-7 Patent Application Files, available at Federal Register /Vol. 78, No. 61 / Friday, March 29, 2013 /Notices 19243. https://www.govinfo.gov/content/pkg/FR-2013-03-29/pdf/2013-07341.pdf