TRANSMITTAL FOR POWER OF ATTORNEY TO ONE OR MORE REGISTERED PRACTITIONERS

NOTE: This form is to be submitted with the Power of Attorney by Applicant form (PTO/AIA/82B) to identify the application to which the Power of Attorney is directed, in accordance with 37 CFR 1.5, unless the application number and filing date are identified in the Power of Attorney by Applicant form. If neither form PTO/AIA/82A nor form PTO/AIA82B identifies the application to which the Power of Attorney is directed, the Power of Attorney will not be recognized in the application.					
Application Number					
Filing Date					
First Named Inventor					
Title					
Art Unit					
Examiner Name					
Attorney Docket Number					
SIGNATU	RE of Ap	pplicant or Patent Practitioner			
Signature			Date (Optional)		
Name			Registration Number		
Title (if Applicant is a juristic entity)					
Applicant Name (if Applicant is a juristic entity)					
NOTE: This form must be signed in accordance with 37 CFR 1.33. See 37 CFR 1.4(d) for signature requirements and certifications. If more than one applicant, use multiple forms.					
*Total of forms are submitted.					

This collection of information is required by 37 CFR 1.131 and 1.32. 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 information 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 Office of the Chief Administrative Officer, U.S. Patent and Trademark Office, 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.**

POWER OF ATTORNEY BY APPLICANT

I hereby revoke all previous powers of attorney given in the application identified in <u>either</u> the attached transmittal letter or the boxes below.					
A	pplication Number	Filing Date			
	The boxes above may be left blank if information	•	,		
to transact all bu	t the Patent Practitioner(s) associated with the foll usiness in the United States Patent and Trademar nsmittal letter (form PTO/AIA/82A) or identified ab	k Office connected therew			
OR					
all business in t	t Practitioner(s) named in the attached list (form P he United States Patent and Trademark Office con hittal letter (form PTO/AIA/82A) or identified above	nnected therewith for the p	patent application referenced in		
letter or the boxes a The address as OR	change the correspondence address for t bove to: sociated with the above-mentioned Customer Nur sociated with Customer Number:		fied in the attached transm	nittal	
OR					
Firm or Individual Name					
Address					
City	State		Zip		
Country					
Telephone	En	nail			
I am the Applicant (if the Applicant is a juristic entity, list the Applicant name in the box):					
Inventor or Join	t Inventor (title not required below)				
Legal Represen	tative of a Deceased or Legally Incapacitated Inve	entor (title not required bel	elow)		
Assignee or Per	rson to Whom the Inventor is Under an Obligation	to Assign (provide signer's	r's title if applicant is a juristic er	ntity)	
	herwise Shows Sufficient Proprietary Interest (e.g. concurrently being filed with this document) (prov				
	SIGNATURE of Applica				
The undersigned (who	se title is supplied below) is authorized to act on beha	alf of the applicant (e.g., wh	here the applicant is a juristic ent	tity).	
Signature		Date (Optional)			
Name					
Title					
	is form must be signed by the applicant in accordanc ore than one applicant, use multiple forms.	e with 37 CFR 1.33. See 37	37 CFR 1.4 for signature requiren	nents	
Total of	forms are submitted.				
process) an application. Confide including gathering, preparing, a amount of time you require to co	required by 37 CFR 1.131 and 2. The information is required to entiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.1 and submitting the completed application form to the USPTO. Ti omplete this form and/or suggestions for reducing this burden, sl 50, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COM ndria , VA 22313-1450.	 This information collection is es me will vary depending upon the i nould be sent to the Office of the 0 	estimated to take 30 minutes to complet individual case. Any comments on the Chief Administrative Officer, U.S. Pater	te, nt and	

POWER OF ATTORNEY BY APPLICANT

No more than ten (10) patent practitioners total may be appointed as set forth below by name and registration number. This page need not be submitted if appointing the Patent Practitioner(s) associated with a Customer Number (see form PTO/AIA/82B):

Name	Registration Number

This collection of information is required by 37 CFR 1.131 and 2. 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 information 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 Office of the Chief Administrative Officer, U.S. Patent and Trademark Office, 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.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

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 37 CFR 1.31 and 1.32. This information is covered by a System of Records Notice (SORN) which identifies the categories of individuals covered by the system including inventors, legal representatives for inventors, and other persons authorized by law to make applications for patent. The information in this system of records is used to manage all records of applicants and legal representatives including name, citizenship, residence, post office address and other information pertaining to activities in connection with the invention for which a patent is sought.

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 //ol. 78, No. 61 / Friday, March 29, 2013 /Notices 19243. https://www.govinfo.gov/content/pkg/FR-2013-03-29/ pdf/2013-07341.pdf