	Address to: Mail Stop <i>Ex Parte</i> Reexam Commissioner for Patents P.O. Box 1450	Attorney Docket No.:
	Alexandria, VA 22313-1450	Date:
	his is a request for <i>ex parte</i> reexaminations is a request for <i>ex parte</i> reexaminations. The second states of th	n pursuant to 37 CFR 1.510 of patent number
[	patent owner.	third party requester.
2. T	he name and address of the person requ	esting reexamination is:
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3.	a. A check in the amount of \$	is enclosed to cover the reexamination fee, 37 CFR 1.20(c)(1);
		charge the fee as set forth in 37 CFR 1.20(c)(1) (submit duplicative copy for fee processing); or
	c. Payment by credit card. Form PTO-	2038 is attached.
4.	Any refund should be made by a characteristic of the state of the stat	eck or credit to Deposit Account No credit card, refund must be to credit card account.
5.	A copy of the patent to be reexamined h enclosed. 37 CFR 1.510(b)(4)	naving a double column format on one side of a separate paper is
6.	CD-ROM or CD-R in duplicate, Comput	er Program (Appendix) or large table
7.	Nucleotide and/or Amino Acid Sequence If applicable, items a. $-c$ . are required.	e Submission
	a.  Computer Readable Form (CRF) b. Specification Sequence Listing on:	
	i. 🔲 CD-ROM (2 copies) or CD- ii. 🔲 paper	R (2 copies); <b>or</b>
	c. D Statements verifying identity of ab	pove copies
8.	A copy of any disclaimer, certificate of co	rrection or reexamination certificate issued in the patent is included.
9.	Reexamination of claim(s)	is requested.
	A copy of every patent or printed publicati Form PTO/SB/08, PTO-1449, or equivale	on relied upon is submitted herewith including a listing thereof on nt.
11.	An English language translation of all nos	essary and pertinent non-English language patents and/or printed

Under the Denerwork Deduction Act of 1005

<sup>[</sup>Page 1 of 2] This collection of information is required by 37 CFR 1.510. 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 2 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 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 Ex Parte Reexam, 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.

12. ☐ The attached detailed request includes at least the following items:       a. A statement identifying each substantial new question of patentability based on prior patents and printed publications. 37 CFR 1.51(0)(1)         b. An identification of every claim for which reexamination is requested, and a detailed explanation of the pertinency and manner of applying the cited at to every claim for which reexamination is requested. 37 CFR 1.51(0)(2)         13. ☐ A proposed amendment is included (only where the patent owner is the requester). 37 CFR 1.510(b)(2)         14. ☐ at it is certified that a copy of this request (if filed by other than the patent owner) has been served in its entirety on the patent owner as provided in 37 CFR 1.33(c). The name and address of the party served and the date of service are:	Under the Paperwork Reduction Act of 1995, no persons are required to re	U.S. Patent and Trademark Offic	PTO/SB/57 (09-04) se through 04/30/2007. OMB 0651-0033 e; U.S. DEPARTMENT OF COMMERCE s it displays a valid OMB control number.			
publications. 37 CFR 1.510(b)(1) b. An identification of every claim for which reexamination is requested, and a detailed explanation of the pertinency and manner of applying the cited art to every claim for which reexamination is requested. 37 CFR 1.510(b)(2) 13. A proposed amendment is included (only where the patent owner is the requester). 37 CFR 1.510(e) 14. a. It is certified that a copy of this request (filled by other than the patent owner) has been served in its entirety on the patent owner as provided in 37 CFR 1.351(c). The name and address of the party served and the date of service are:	12. The attached detailed request includes at least the following items:					
14.       a. It is certified that a copy of this request (if filed by other than the patent owner) has been served in its entirety on the patent owner as provided in 37 CFR 1.33(c). The name and address of the party served and the date of service are:	publications. 37 CFR 1.510(b)(1) b. An identification of every claim for which reexamin	ation is requested, and a detailed	l explanation of the pertinency			
The patent owner as provided in 37 CFR 1.33(c): The name and address of the party served and the date of service are: Date of Service: Date of Service: i or b. A duplicate copy is enclosed since service on patent owner was not possible. 15. Correspondence Address: Direct all communication about the reexamination to: The address associated with Customer Number: OR Firm or Individual Name Address City Country Telephone Fax 16	13. A proposed amendment is included (only where the p	patent owner is the requester). 37	′ CFR 1.510(e)			
b. A duplicate copy is enclosed since service on patent owner was not possible.   15. Correspondence Address: Direct all communication about the reexamination to:   The address associated with Customer Number:   OR   Firm or   Individual Name   Address     City   Country   Telephone   Fax     16.   The patent is currently the subject of the following concurrent proceeding(s):   a.   c. Copending reissue Application No.   b. Copending reissue Application No.   c. Copending reissue Application No.   d. Copending litterference No. </td <td colspan="6">the patent owner as provided in 37 CFR 1.33(c).</td>	the patent owner as provided in 37 CFR 1.33(c).					
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The address associated with Customer Number:   OR   Firm or   Individual Name   Address     City   Country   Telephone     Fax     16.   The patent is currently the subject of the following concurrent proceeding(s):   a.   Copending reissue Application No.   b.   Copending researmination Control No.   C.   Copending Interference No.     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.     Authorized Signature   Date	b. A duplicate copy is enclosed since service on patent owner was not possible.					
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