

(Also referred to as FORM PTO-1465)

REQUEST FOR *EX PARTE* REEXAMINATION TRANSMITTAL FORM

Address to:

**Mail Stop *Ex Parte* Reexam
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450**

Attorney Docket No.: Date:

1. This is a request for *ex parte* reexamination pursuant to 37 CFR 1.510 of patent number 6,438,180 issued August 20, 2002. The request is made by:
 - patent owner. third party requester.
2. The name and address of the person requesting reexamination is:

J. Steven Baughman
Ropes & Gray LLP
Prudential Tower
800 Boylston Street
Boston, MA 02199-3600
3. Requester claims small entity (37 CFR 1.27) or micro entity status (37 CFR 1.29) -- only a patent owner requester can claim micro entity status.
4. a. A check in the amount of \$ _____ is enclosed to cover the reexamination fee, 37 CFR 1.20(c)(1);
 b. The Director is hereby authorized to charge the fee as set forth in 37 CFR 1.20(c)(1) to Deposit Account No. 18-1945 ;
 c. Payment by credit card. Form PTO-2038 is attached; **or**
 d. Payment made via EFS-Web.
5. Any refund should be made by check or credit to Deposit Account No. 18-1945 37 CFR 1.26(c). If payment is made by credit card, refund must be to credit card account.
6. A copy of the patent to be reexamined having a double column format on one side of a separate paper is enclosed. 37 CFR 1.510(b)(4).
7. CD-ROM or CD-R in duplicate, Computer Program (Appendix) or large table
 Landscape Table on CD
8. Nucleotide and/or Amino Acid Sequence Submission
If applicable, items a. – c. are required.
 - a. Computer Readable Form (CRF)
 - b. Specification Sequence Listing on:
 - i. CD-ROM (2 copies) or CD-R (2 copies); **or**
 - ii. paper
 - c. Statements verifying identity of above copies
9. A copy of any disclaimer, certificate of correction or reexamination certificate issued in the patent is included.
10. Reexamination of claim(s) 1 and 2 is requested.
11. A copy of every patent or printed publication relied upon is submitted herewith including a listing thereof on Form PTO/SB/08, PTO-1449, or equivalent.
12. An English language translation of all necessary and pertinent non-English language patents and/or printed publications is included.

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.

13. 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 1.510(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).

14. A proposed amendment is included (only where the patent owner is the requester). 37 CFR 1.510(e).

15. 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:

Jonathan C. Parks, Esquire, Kirkpatrick & Lockhart, LLP
 Henry W. Oliver Building, 535 Smithfield Street, Pittsburgh, PA 15222-2312
 * (see attached)

Date of Service: January 21, 2014 ; or

b. A duplicate copy is enclosed since service on patent owner was not possible. An explanation of the efforts made to serve patent owner **is attached**. See MPEP § 2220.

16. Correspondence Address: Direct all communication about the reexamination to:

The address associated with Customer Number: 28120

OR

Firm or Individual Name _____

Address _____

City	State	Zip
Country	Telephone	Email

17. The patent is currently the subject of the following concurrent proceeding(s):

a. Copending reissue Application No. _____

b. Copending reexamination Control No. _____

c. Copending Interference No. _____

d. Copending litigation styled:
Carnegie Mellon University v. Marvell Technology Group, Ltd.,
C.A. No. 2:09-cv-00290-NBF (W.D. Pa.)

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.

/J. Steven Baughman/	January 21, 2014
Authorized Signature	Date
J. Steven Baughman	47,414
Typed/Printed Name	Registration No.
	<input type="checkbox"/> For Patent Owner Requester
	<input checked="" type="checkbox"/> For Third Party Requester

* Pursuant to 37 C.F.R. § 1.510(b)(5), service is being made on the patent owner at the correspondence address of record as provided for in 37 C.F.R. § 1.33(c). As a courtesy, because the individual named in the correspondence address of record may no longer be at that address, service will also be made on the additional addresses below:

Jonathan C. Parks
Pietragallo Gordon Alfano Bosick & Raspanti, LLP
The Thirty-Eighth Floor
One Oxford Centre
Pittsburgh, PA 15219

K&L Gates LLP
K&L Gates Center, 210 Sixth Avenue
Pittsburgh, PA 15222

Electronic Patent Application Fee Transmittal

Application Number:				
Filing Date:				
Title of Invention:	SOFT AND HARD SEQUENCE DETECTION IN ISI MEMORY CHANNELS			
First Named Inventor/Applicant Name:	Aleksander Kavcic			
Filer:	Jon Steven Baughman/ginny blundell			
Attorney Docket Number:	ABYZ-501			
Filed as Large Entity				
ex parte reexam Filing Fees				
Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Basic Filing:				
REQUEST FOR EX PARTE REEXAMINATION	1812	1	12000	12000
Pages:				
Claims:				
Miscellaneous-Filing:				
Petition:				
Patent-Appeals-and-Interference:				
Post-Allowance-and-Post-Issuance:				
Extension-of-Time:				

Description	Fee Code	Quantity	Amount	Sub-Total in USD(\$)
Miscellaneous:				
Total in USD (\$)				12000

Electronic Acknowledgement Receipt

EFS ID:	17967639
Application Number:	90013124
International Application Number:	
Confirmation Number:	1041
Title of Invention:	SOFT AND HARD SEQUENCE DETECTION IN ISI MEMORY CHANNELS
First Named Inventor/Applicant Name:	Aleksander Kavcic
Customer Number:	28120
Filer:	Jon Steven Baughman/ginny blundell
Filer Authorized By:	Jon Steven Baughman
Attorney Docket Number:	ABYZ-501
Receipt Date:	21-JAN-2014
Filing Date:	
Time Stamp:	16:56:38
Application Type:	Reexam (Third Party)

Payment information:

Submitted with Payment	yes
Payment Type	Deposit Account
Payment was successfully received in RAM	\$12000
RAM confirmation Number	3295
Deposit Account	181945
Authorized User	

The Director of the USPTO is hereby authorized to charge indicated fees and credit any overpayment as follows:

Charge any Additional Fees required under 37 C.F.R. Section 1.17 (Patent application and reexamination processing fees)

File Listing:					
Document Number	Document Description	File Name	File Size(Bytes)/ Message Digest	Multi Part /.zip	Pages (if appl.)
1	Transmittal of New Application	ABZY-501_180_Patent_Transmittal.pdf	138621 e7c2b96e35744eb9aaf07c1a5b9ffe6682a661f1	no	3
Warnings:					
Information:					
2	Receipt of Orig. Ex Parte Request by Third Party	ABYZ-501_180_Patent_Request.pdf	652605 882015afd65bb0d79bdaac48693f6a235abdec81	no	69
Warnings:					
Information:					
3	Copy of patent for which reexamination is requested	Copy_180_Patent.pdf	1136358 450e1a76cb29ec188099c72c640ef8f3db2da80d	no	23
Warnings:					
Information:					
4	Reexam - Info Disclosure Statement Filed by 3rd Party	ABZY-501_SB08.pdf	123842 d0d8a3c46c5c23393cc24f0e689a9f95ed316836	no	2
Warnings:					
Information:					
5	Reexam Certificate of Service	ABYZ-501_180_Patent_Certificate_of_Service.pdf	105599 8662da7001639c99895973416c7ba7f367fb0dba	no	3
Warnings:					
Information:					
6	Reexam - Affidavit/Decl/Exhibit Filed by 3rd Party	App_1_Joint_claim_chart_ECF_No_120_1.pdf	1958450 93551ed9df68334477c306bac820319841ae0804	no	14
Warnings:					
Information:					
7	Reexam - Affidavit/Decl/Exhibit Filed by 3rd Party	App_2_CMU_Litigation_trial_transcript.pdf	30496 4bc221402a5f95d7261bc58ff30d9dd4d0ef542c	no	5
Warnings:					
Information:					
8	Reexam - Affidavit/Decl/Exhibit Filed by 3rd Party	Ex_A_US6438180.pdf	20973116 7d64d931c890e80442be1ce3751e4087dae5431d	no	23
Warnings:					
Information:					

9	Reexam - Affidavit/Decl/Exhibit Filed by 3rd Party	Ex_B_195_application.pdf	17741459 c4c5c7455a159aecdf640ef8a689d38743c6bce42	no	47
Warnings:					
Information:					
10	Reexam - Affidavit/Decl/Exhibit Filed by 3rd Party	Ex_C_US6438180_file_history_paginated.pdf	23912724 baf80b286be558aa81223985a646941145e2e4b0	no	231
Warnings:					
Information:					
11	Reexam - Affidavit/Decl/Exhibit Filed by 3rd Party	Ex_D_Zeng.pdf	4479832 32b0cd44687fe6aa5d707eda3edac9f8cd53e234	no	125
Warnings:					
Information:					
12	Reexam - Affidavit/Decl/Exhibit Filed by 3rd Party	Ex_E_Lee_1995.pdf	14997281 8a40e0994a72b984d0c66b9e364be045635ed23d	no	135
Warnings:					
Information:					
13	Reexam - Affidavit/Decl/Exhibit Filed by 3rd Party	Ex_F_US6104766_Coker.pdf	411587 b21f5e8127913cd7c762290b4f4d99a2ef8ebcb5c	no	40
Warnings:					
Information:					
14	Reexam - Affidavit/Decl/Exhibit Filed by 3rd Party	Ex_G_US6201839_file_history_paginated.pdf	8305142 18be7367c5acf360940ddc696414e1e8682def92	no	166
Warnings:					
Information:					
15	Reexam - Affidavit/Decl/Exhibit Filed by 3rd Party	Ex_J_Lee_declaration.pdf	974354 82aa363952aff9f873a9de7d2b19d0d1499d92a6	no	35
Warnings:					
Information:					
16	Non Patent Literature	NPL_Ex_D_Zeng.pdf	14997281 8a40e0994a72b984d0c66b9e364be045635ed23d	no	135
Warnings:					
Information:					
17	Non Patent Literature	NPL_Ex_E_Lee_1995.pdf	14997281 8a40e0994a72b984d0c66b9e364be045635ed23d	no	135
Warnings:					
Information:					

18	Reexam - Affidavit/Decl/Exhibit Filed by 3rd Party	App_3_Defendants_Supplemental_Brief.pdf	128004 3a147e621c4bf64b33404e42b2c35214605d1b03	no	7
Warnings:					
Information:					
19	Reexam - Affidavit/Decl/Exhibit Filed by 3rd Party	Ex_H_Milliken_declaration_I.pdf	2955755 97d7a17cfedbb0255c462fb53014170e29fc53f4	no	3
Warnings:					
Information:					
20	Reexam - Affidavit/Decl/Exhibit Filed by 3rd Party	Ex_I_Milliken_declaration_II.pdf	2917865 a8f9bae50329e1071af1107838c21a3c9fc5fa8	no	3
Warnings:					
Information:					
21	Fee Worksheet (SB06)	fee-info.pdf	29780 8e537edd3bb51bb9904d95afe841a5232cd0cc7c	no	2
Warnings:					
Information:					
Total Files Size (in bytes):				131967432	

This Acknowledgement Receipt evidences receipt on the noted date by the USPTO of the indicated documents, characterized by the applicant, and including page counts, where applicable. It serves as evidence of receipt similar to a Post Card, as described in MPEP 503.

New Applications Under 35 U.S.C. 111

If a new application is being filed and the application includes the necessary components for a filing date (see 37 CFR 1.53(b)-(d) and MPEP 506), a Filing Receipt (37 CFR 1.54) will be issued in due course and the date shown on this Acknowledgement Receipt will establish the filing date of the application.

National Stage of an International Application under 35 U.S.C. 371

If a timely submission to enter the national stage of an international application is compliant with the conditions of 35 U.S.C. 371 and other applicable requirements a Form PCT/DO/EO/903 indicating acceptance of the application as a national stage submission under 35 U.S.C. 371 will be issued in addition to the Filing Receipt, in due course.

New International Application Filed with the USPTO as a Receiving Office

If a new international application is being filed and the international application includes the necessary components for an international filing date (see PCT Article 11 and MPEP 1810), a Notification of the International Application Number and of the International Filing Date (Form PCT/RO/105) will be issued in due course, subject to prescriptions concerning national security, and the date shown on this Acknowledgement Receipt will establish the international filing date of the application.