PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SIDDHARTH BARMAN	09/13/2012
STARK DRAPER	09/19/2012
BENJAMIN RECHT	06/23/2014

RECEIVING PARTY DATA

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State/Country:	WISCONSIN
Postal Code:	53726

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13627686

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ATTORNEY DOCKET NUMBER:	P120149US01
NAME OF SUBMITTER:	AMY KRUSE
SIGNATURE:	/Amy Kruse/
DATE SIGNED:	08/19/2014

Total Attachments: 4

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PATENT

REEL: 033564 FRAME: 0514 502941063

ASSIGNMENT (Joint Inventors)

I am one of the persons identified as an inventor and who has contributed to a new and useful invention (the "Invention") described in the provisional or utility United States patent application and/or the patent application filed under the Patent Cooperation Treaty, as identified below. These patent application(s) are identified as follows:

Filing Type	Filing Country	Serial Number	Filing Date
ERROR CORRECTION CIRCUIT FOR DATA COMMUNICATION PROVIDING PARALLELIZABLE LINEAR			
PROGRAMMING DECODING			
PAT	UNITED STATES	13/627686	September 26, 2012

For good and valuable consideration, the receipt of which I hereby acknowledge, I do hereby sell, assign, and transfer to the Wisconsin Alumni Research Foundation ("WARF"), a non-stock, non-profit, Wisconsin corporation, and to its legal representatives, successors and assigns, my entire right, title and interest in and to the Invention and to all United States provisional and utility applications as well as foreign patents or patent applications any of which cover all or part of the Invention. WARF shall hold such right, title and interest as fully and completely as they would have been held by me had this assignment and sale not been made.

I further agree, upon WARF's request, to execute any documents, including any separate assignments, declarations or other legal documents, that WARF may find necessary or desirable in its exercise of the right, title and interest assigned above. I further agree to communicate to WARF any facts relating either to the Invention or to any of the patent or patent applications based on the Invention that might be useful to WARF and to testify about any such facts in any interferences or litigation, if requested by WARF to do so. I shall do the above acts without additional compensation but at no expense to me.

Should the application number of any of the patent applications referenced above be unavailable the date that I execute this document, WARF is authorized by me to insert the application number and filing dates of these patent applications into this document. WARF is also specifically authorized to record this document as evidence of my assignment to WARF of any subsequent United States patent application claiming priority from any of the above identified patent applications.

Ref: P120149US01 Wisconsin Alumni Research Foundation

> PATENT REEL: 033564 FRAME: 0515

ASSIGNMENT
Wisconsin Alumni Research Foundation
Ref: P120149US01
App.#: , Filed:

Inventor: Barman 3.	Date: September 13, 2012
Siddharth Barman 2129 University Ave/Apt 420 Madison, WI 53726	385 S CATALINA AVE, APT 122 PASADENA, CA 91106
(Mutariua State of Wisconsin) Ves Argentss. County of Dane)	
Barman, known to me to be the perso	er, 20 before me personally appeared Siddharth on identified above as the "Inventor," who executed the or the uses and
SEAL Notary Public	
My Commission	expires: <u>05 91 90</u> 13
RENEE SORIANO Commission # 1851352 Notary Public - Csilfornia Los Angeles County My Comm Froires May 29, 2013	AENCE SORIANO Comingation # 1851352 Notes Poblic - California Los Angeles County E105,22,464 sandx3 mmodyM

PATENT REEL: 033564 FRAME: 0516 ASSIGNMENT
Wisconsin Alumni Research Foundation
Ref: P120149US01
App.#: , Filed:

Inventor:

Date: 19 Sept 2012

Stark Draper 2330 Eton Ridge Madison, WI 53726

State of Wisconsin)
)ss.
County of Dane)

SEAL

Stace Jove Skogland, Notary Public

My Commission expires: April 10, 2016

> PATENT REEL: 033564 FRAME: 0517

ASSIGNMENT

Wisconsin Alumni Research Foundation

Ref: P120149US01 App.#: , Filed:

Benjamin Recht 514 S Baldwin St. Madison, WI 53703

State of Wisconsin

) CALIFORNIA)SS.) ALAMEDA

County of Dance

day of <u>Γλυμε</u>, 2014 before me personally appeared Benjamin Recht, known to me to be the person identified above as the "Inventor," who executed the above instrument and acknowledged to me that he or she executed the same for the uses and purposes therein set forth.

SEAL

DOL (RAJITA K SINGH)

My Commission expires: Selpt २०१५

RAJITA K. SINGH Commission # 1904941 Notary Public - California Alameda County My Comm. Expires Sep 20, 2014

PATENT

REEL: 033564 FRAME: 0518

RECORDED: 08/19/2014