

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CHRIS WINSTEAD	09/16/2016
GOPALAKRISHNAN SUNDARARAJAN	06/30/2015
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<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14788150
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<b>ATTORNEY DOCKET NUMBER:</b>	P14052.02
<b>NAME OF SUBMITTER:</b>	MONICA LEWIS
<b>SIGNATURE:</b>	/Monica Lewis/
<b>DATE SIGNED:</b>	09/16/2016
<b>Total Attachments: 3</b>	
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WHEN RECORDED RETURN TO:  
Commercial Enterprises  
Utah State University  
1465 Old Main Hill  
Logan, UT 84322-1465

U.S. Patent Application No: 14/788,150  
ATTORNEY DOCKET NO.: P14052.02

## A S S I G N M E N T

WHEREAS, CHRIS WINSTEAD whose post office address is 1206 South Hidden View Drive, Providence, Utah 84332 and GOPALAKRISHNAN SUNDARARAJAN whose post office address is 735 East 800 North, Apt #1, Logan, Utah 84321 (hereinafter referred to as "Assignor"), have invented a certain new and useful improvement in LOW COMPLEXITY ERROR CORRECTION for which a U.S. Non-provisional application was filed on June 30, 2015 and given U.S. Non-provisional Patent Application No. 14/788,150, and;

WHEREAS, UTAH STATE UNIVERSITY, (hereinafter referred to as "Assignee"), a state chartered institution of higher education, having a principal business address of 1780 North Research Park Way, Suite 108, North Logan, UT 84341 is desirous of acquiring the entire right, title, and interest in the same;

NOW, THEREFORE, in consideration of good and valuable consideration paid by Assignee, the receipt and sufficiency of which is hereby acknowledged, Assignor does hereby grant and assign to Assignee, the entire right, title and interest in the above-identified United States Application(s) and in all patent applications based thereupon, including, but not limited to, any non-provisionals, divisions, continuations, continuations-in-part of said application(s), reissues or extensions of Letters Patent or Patents granted thereon, and in all corresponding applications filed in countries foreign to the United States, and in all patents issuing therefrom in the United States and foreign countries. Assignee also hereby acquires the right, power and authority to file and prosecute U.S. and foreign patent applications on the invention(s) listed above in its own name, wherever such right may be legally exercised, including the right to claim the priority and benefits of the International Convention for such applications or patent. Assignee also hereby maintains the right to bring actions for infringement of any right in said invention(s) above in its own name, including past infringement, in any jurisdiction.

Assignor hereby authorizes and requests that the United States Commissioner for Patents and Trademarks, who is duly authorized to issue any Letters Patent on said invention, and such Patent Office officials in foreign countries as are duly authorized by their patent laws to issue patents, recognize and record that Assignee is the owner of the entire right, title, and

interest to the inventions listed above, for the sole use and benefit of Assignee, its successors, assigns, and legal representatives, to the full end of the term for which said Letters Patent are, or may be, granted, as fully and entirely as the same would have been held by Assignor had this assignment and sale not been made.

Assignor hereby agrees, without further consideration and without expense to Assignor, to sign all lawful papers and to perform all other lawful acts which the Assignee may request in order to make this Assignment fully effective, including, by way of example but not of limitation, the following: prompt execution of all original, divisional, substitution, reissue, and other United States and foreign patent applications; cooperation to the best of Assignor's ability in executing all other lawful documents pertaining to the inventions listed above; and producing evidence in any actions or proceedings concerning the invention, including, but not limited to, nullification, reissuance, extension, and infringement proceedings involving the inventions listed above.

Assignor represents that it has not transferred, licensed or otherwise granted any rights of any kind in the invention(s), to any other party.

This assignment and agreement shall be binding upon our heirs and legal representatives.

Executed this 16 day of September, 2016, at Logan, Utah.

  
CHRIS WINSTEAD

Executed this 30<sup>th</sup> day of JUNE, 2015, at LOGAN, Utah.

S. Gopalakrishnan,

GOPALAKRISHNAN SUNDARARAJAN