PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	EXECUTIVE ORDER 9424, CONFIRMATORY LICENSE

CONVEYING PARTY DATA

Name	Execution Date
UNIVERSITY OF UTAH	05/22/2015

RECEIVING PARTY DATA

Name:	National Institutes of Health (NIH), U.S. Dept. of Health and Human Services (DHHS), U.S. Government
Street Address:	NIH Division of Extramural Inventions and Technology Resources (DEITR)
Internal Address:	6705 Rockledge Drive, Suite 310, MSC 7980
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PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8815515

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NAME OF SUBMITTER:DIRECTOR, DEITR, NIHSIGNATURE:/Director, DEITR, NIH/DATE SIGNED:06/03/2015

Total Attachments: 1

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PATENT 503333926 REEL: 035815 FRAME: 0001

License to the United States Government

RECORDED: 06/03/2015

Sign and submit the execu	ited document to the appropriate funding agency (e.g. upload in iEdison).
Invention Title:	Rare Allele Enrichment by ARMS Combining with Probe Base Genotyping Techniques
Inventor(s):	Luming Zhou
U.S. Filing/Issue Date:	8/26/2014
Patent or Application Serial No.:	8,815,515
Grant/Contract Number(s):	NIH GM082116
Foreign Applications filed/intended in (countries):	
at 37 CFR 401.14, FAR 52.	bove is a Subject Invention under 35 U.S.C. 200, et seq. , and the Standard Patent Rights clause 227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above award from the United State Government. This document is confirmatory of:
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The Government is hereby application.	granted an irrevocable power to inspect and make copies of the above-identified patent
Signed this 22 nd	day of <u>May</u> , 20 <u>15</u> .
By <u>Eric S. Pa</u> (Institutional B	ulsen (Signature)
Title <u>Director o</u>	of Legal and Strategy
For <u>Universit</u> (Grantee,	y of Utah /Contractor Organization)
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PATENT REEL: 035815 FRAME: 0002