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PATENT ASSIGNMENT COVER SHEET

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CONVEYING PARTY DATA

Name	Execution Date
UNIVERSITY OF MINNESOTA	04/28/2015

RECEIVING PARTY DATA

Name:	National Science Foundation	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10162502

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> **PATENT** REEL: 035563 FRAME: 0067 503289062

U/M Case #: 99012 EIR #: 1450401-98-0027

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Sign and submit the executed document to the appropriate funding agency (e.g. upload in iEdison). Invention Title: Method and Apparatus for Speaker Verification Using a Tunable High-resolution Spectral Estimator Inventor(s): Christopher I Byrnes, Tryphon T Georgiou, Anders Lindquist U.S. Filing/Issue Date: 06/04/2002 Patent or Application Serial No.: 10/162,502 Grant/Contract Number(s): 9505995, F49620-96-1-0094 Foreign Applications filed/intended in (countries): The invention identified above is a Subject Invention under 35 U.S.C. 200, et seq., and the Standard Patent Rights clause at 37 CFR 401.14, FAR 52.227-11 or FAR 52.227-12 (if applicable) which are included among the terms of the above identified grant or contract award from the United State Government. This document is confirmatory of: 1. The nonexclusive, nontransferable, irrevocable, paid-up license to practice or have practiced for or on behalf of the United States the invention described in any patent application and in any and all divisions, continuations, and continuations in part, and in any and all patents and re-issues granted thereon throughout the world; and 2. All other rights acquired by the Government by reason of the above identified grant/contract award and the laws and regulations that are applicable to the award. The Government is hereby granted an irrevocable power to inspect and make copies of the above-identified patent application. day of _____April Signed this Reggie Bowerman Βv (Institutional Business Official) Associate Director Title Office for Technology Commercialization REGENTS OF THE For UNIVERSITY OF MINNESOTA (Grantee/Contractor Organization) At McNamara Alumni Center, Suite 280 200 Oak Street S.E. Minneapolis, MN 55455 (Business Address)

> PATENT REEL: 035563 FRAME: 0068

RECORDED: 05/01/2015