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F49620-03-1-0381	Internal Address: AFOSR/PK
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Execution Date(s) 19 March 2009  Assignment  Merger	SUITE 325, RM 3112
Assignment Merger  Security Agreement Change of Name	City: ARLINGTON
Joint Research Agreement Government Interest Assignment	State: VA
Executive Order 9424, Confirmatory License	Country: USA Zip: 22203
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A. Patent Application No.(s) 12/376,709  Additional numbers at	ttached? ☐ Yes ☑ No
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PATENT REEL: 022622 FRAME: 0679

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Sign and Fax this to (301) 480-0272 Invention Title: Position And Orientation Of An Aerial Vehicle Through Chained, Vision-Based Pose Reconstruction Inventor(s): Warren E Dixon, Nicholas R Gans, Michael K Kaiser U.S. Filing/Issue Date: 02/06/09 Patent or Application Serial No.: 12/376,709 Grant/Contract Number(s): F49620-03-1-0381\_\_\_\_\_ 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. Signed this 1944 day of March David L. Day (Name of Grantee/Contractor Official) Title Director of Technology Licensing For UNIVERSITY OF FLORIDA (Grantee/Contractor Organization) At P.O. Box 115500 310 Walker Hall Gainesville, FL 32611 US (Business Address)

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