PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Virginia Polytechnic Institute and State University	09/26/2007

RECEIVING PARTY DATA

Name:	Virginia Tech Intellectual Properties, Inc.	
Street Address:	2200 Kraft Drive, Suite 1050	
City:	Blacksburg	
State/Country:	VIRGINIA	
Postal Code:	24060	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12749301

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: VTIP 04-114

NAME OF SUBMITTER: Mark S. Coburn

Total Attachments: 2

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OF \$40.00 12/49

PATENT REEL: 024633 FRAME: 0257 VTIP 04.114 Serial Number: 11/765,215

ASSIGNMENT

WHEREAS, Virginia Polytechnic Institute and State University, (hereinafter referred to as ASSIGNOR), an institute of higher education organized under the laws of the Commonwealth of Virginia, having an office and principal place of business at 301 Burruss Hall, Blacksburg, Virginia, 24061, is the owner of the entire right, title and interest in and to application for United States Letters Patent, filed on <u>June 19, 2007</u> as Application Serial No: <u>11/765,215</u>, in the names of <u>Carvel Holton and Mehdi Ahmadian</u> for <u>Doppler Sensor for the Derivation of Torsional Slip, Friction and Related Parameters</u> and of the invention therein described; and

WHEREAS, Virginia Tech Intellectual Properties, Inc. (hereinafter referred to as ASSIGNEE), a non-stock corporation organized under the laws of the Commonwealth of Virginia and having a principal place of business at 2200 Kraft Drive, Suite 1050, Blacksburg, Virginia, 24060, is desirous of acquiring the entire right, title and interest in, to and under said application and said invention and in, to and under Letters Patent or similar legal protection to be obtained therefore in the United States and in any and all foreign countries.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE, its lawful successors and assigns, the full and exclusive right, title and interest to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries and any non-provisional applications to be obtained for said invention by said application or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term or terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment and sale.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNOR and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, enforce and defend said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

PATENT REEL: 024633 FRAME: 0258 VTIP 04.114

Serial Number: 11/765,215

VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY

By: James A. Hyatt
Executive Vice President & Thief Operating Officer

Date

City/County of

Commonwealth of Virginia

The foregoing instrument was acknowledged before me this 20th day of 2007 by Tamus . Lyatt.

Syptember

Notary Public

Notary Registration Number:

7025944

My Commission Expires:

8.31.5010

PATENT

REEL: 024633 FRAME: 0259

RECORDED: 07/02/2010