

Washington D C 20024



National Aeronautics and  
Space Administration

## ASSIGNMENT and AGREEMENT

Patent Application

Title of Invention: Computer Implemented Empirical Mode Decomposition Method, Apparatus, and Article of Manufacture Utilizing Curvature Extrema

Inventor(s): Dr. Norden E. Huang and Dr. Zheng Shen

NASA Case No: GSC 13,817-2 Application No.\*: \_\_\_\_\_ Filing Date\*: \_\_\_\_\_

WHEREAS, the parties to this Assignment and Agreement are the undersigned inventor(s) and the United States Government (hereafter Government), as represented by the Administrator of the National Aeronautics and Space Administration;

WHEREAS, the making of this Assignment and Agreement is in accordance with 37 CFR Parts 501 and 101; and

WHEREAS, the undersigned inventor(s) has (have) executed, on the date(s) indicated below, an application for a United States Patent on the above-entitled invention.

NOW THEREFORE, in consideration of employment by the Government, the undersigned hereby:

1. Assign to the Government my (our) full and exclusive right in and to said invention within the United States of America, its territories and possessions, and my (our) entire right, title and interest in and to said application, and any corresponding continuation or divisional application(s) and any patent(s) that may issue therefrom.

2. Agree to grant to the Government the option to acquire foreign rights, in accordance with 37 CFR § 101.4, with the understanding that if this option is not exercised by the Government, such foreign rights may be exercised by the undersigned in accordance with 37 CFR § 101.8.

3. Agree, at the expense of the Government, (a) to execute any document for, (b) to deliver any requested information to, and (c) to cooperate in any manner with the Government in order to allow the Government to protect any interest transferred by this Assignment and Agreement.

\*4. Authorize and request the attorneys of record in the application to insert the application number and filing date above when required.

(Signature of Inventor)

(Date)

May 8, 1998

(Date Application Executed)

Dr. Norden E. Huang  
(Inventor's Typed Name)

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(Signature of Inventor)

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PATENT