FORM PTO-1619A Expires 06/30/99 OMB 0651-0027

09-13-2000



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U.S. Department of Commerce Patent and Trademark Office **PATENT** 

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Correspondent Name and Address	Area Code and Telephone Number	630-252-2393
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Address (line 2) Office of Intellectual Property Law		
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## CONFIRMATORY LICENSE

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Institute of Paper Science and Technology, Inc.

Title

System and Method for Rapidly Determining a Pulp Kappa Number

Using Spectrophotometry

Inventor(s)

Xin-Sheng Chai, and Junyong Zhu

Serial No

09/586,324

Filing Date: June 2, 2000

Contractor

DOE Contract No.:

DE-FC07-96ID13438

DOE Case No.

S-94,337

Patent Rights Clause No.: DEAR 952.227-11

Foreign Applications filed in or intended to be filed at Contractor's expense in (countries):

The Contractor, having the right to retain title to Subject Inventions as a result of Public Law 96-517, has reported the above-identified invention as a Subject Invention to DOE with its election to retain title thereto.

Accordingly, this document is confirmatory of the nonexclusive, nontransferable, irrevocable, paid-up license to practice or to have practiced for or on behalf of the United States, required by the Public Law and the above-identified contract, in this Subject Invention, patent application and any resulting patent, as well as any continuation, divisional, reissue, supplemental or continuation-in-part thereof, throughout the world and of all other rights acquired by the Government by the above-identified patent rights clause, a copy of which is attached hereto and incorporated by reference herein. The undersigned certifies the attached copy to be a true copy of said clause. It is understood and agreed that this license does not preclude the Government from asserting rights under the provisions of said contract or of any other agreement between the Government and the Contractor, or from asserting any other rights of the Government with respect to the above-identified Subject Invention.

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Vice President of Research and Academic Affairs

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> PATENT REEL: 011051 FRAME: 0990

RECORDED: 08/23/2000