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Hsiao-Dong Chiang, Hua LI, Yasuyuki TADA,
Tsuyoshi TAKAZAWA, Takeshi YAMADA, Atsushi KURITA,
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Execution Date: January 7, 7, 18, 18, 19, 18, and 24,
2005

2. Name and address of receiving party(ies):

Name: 1) The Tokyo Electric Power Company,
Incorporated,
2) Bigwood Systems, Incorporated,
Address: 1) 1-3, Uchisaiwai-cho 1-chome,
Chiyoda-ku, Tokyo, Japan
2) 305 Birchwood Drive, North, Ithaca,
New York 14850, U. S. A.

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4. Application number(s) or patent number(s):

☒ This document is being filed together with a new application

A. Patent Application No.(s)

B. Patent No.(s)

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6. Total applications and patents involved: 1

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ASSIGNMENT

F0308
(04S1521-1)

In consideration of value received, I, having a residence and mailing address as stated below next to my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

GROUP-BASED BCU METHODS FOR ON-LINE DYNAMICAL SECURITY ASSESSMENTS AND ENERGY MARGIN CALCULATIONS OF PRACTICAL POWER SYSTEMS

sell and assign to

1. The Tokyo Electric Power Company, Incorporated, a Japanese corporation, having a business address at 1-3, Uchisaiwai-cho 1-chome, Chiyoda-ku, Tokyo, Japan
2. Bigwood Systems, Incorporated, having a corporation address at 305 Birchwood Drive, North ,Ithaca, New York 14850, U. S. A.

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said application for United States patent : (check one)

☒ [X] executed concurrently herewith;

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☐ [] Application No. ; filed ;


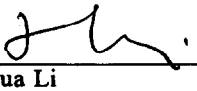


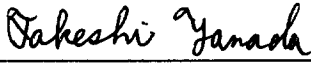
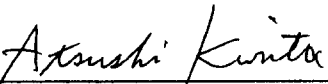
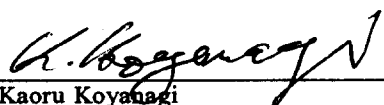
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I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

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ASSIGNMENT

F0308

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