

EQUIPMENT INSPECTION AND EVALUATION SYSTEM,
EQUIPMENT MANAGEMENT SYSTEM, AND
COMPUTER-READABLE RECORD MEDIUM WITH EQUIPMENT
MANAGEMENT PROGRAM STORED THEREIN

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ABSTRACT

An equipment inspecting and evaluating system can be used to
10 inspect and evaluate steam traps by detecting a level of vibrations of
each trap and the surface temperature of the housing of that trap. The
detected vibration level and temperature are used to determine whether
or not steam is leaking through that trap and to what extent steam
leakage is. An equipment management system is connected to the
15 inspection and evaluation system by a data transmission cable and
receives inspection data of the traps from the inspection and evaluation
system. The management system analyzes the received inspection data
for computing the number of defective traps, the ratio of defective traps
to the entire traps, the loss caused by steam leakage, etc.



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