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(54) **CONTENTS CONVERSION SYSTEM,
AUTOMATIC STYLE SHEET SELECTION
METHOD AND PROGRAM THEREOF**

Publication Classification

(75) Inventors: **Naoko Ito**, Tokyo (JP); **Kazuhisa Manabe**, Kawasaki-Shi (JP); **Tsuneo Tachikawa**, Kawasaki-Shi (JP)

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Correspondence Address:
YOUNG & THOMPSON
745 SOUTH 23RD STREET 2ND FLOOR
ARLINGTON, VA 22202

(57) **ABSTRACT**

The contents conversion system of this invention comprises a style sheet storage means for storing a plurality of style sheets and an XML document storage means for storing XML documents for which the style sheet specifications are undefined, that selects a style sheet from the style sheet storage means, based on an XML document identified from the XML document storage means as the XML document required in relation to a contents request from client system and based on circumstance information of the client system from which the contents request is received and on the identified XML document.

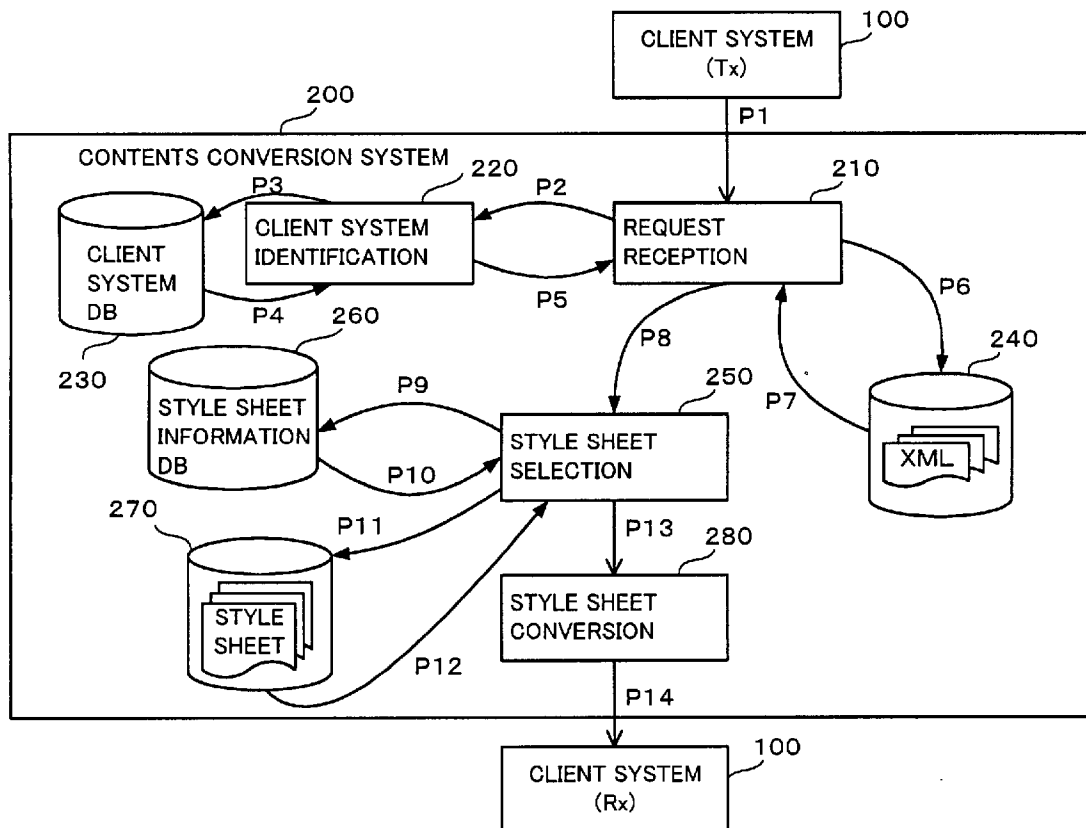
(73) Assignee: **NEC CORPORATION, TOKYO (JP)**

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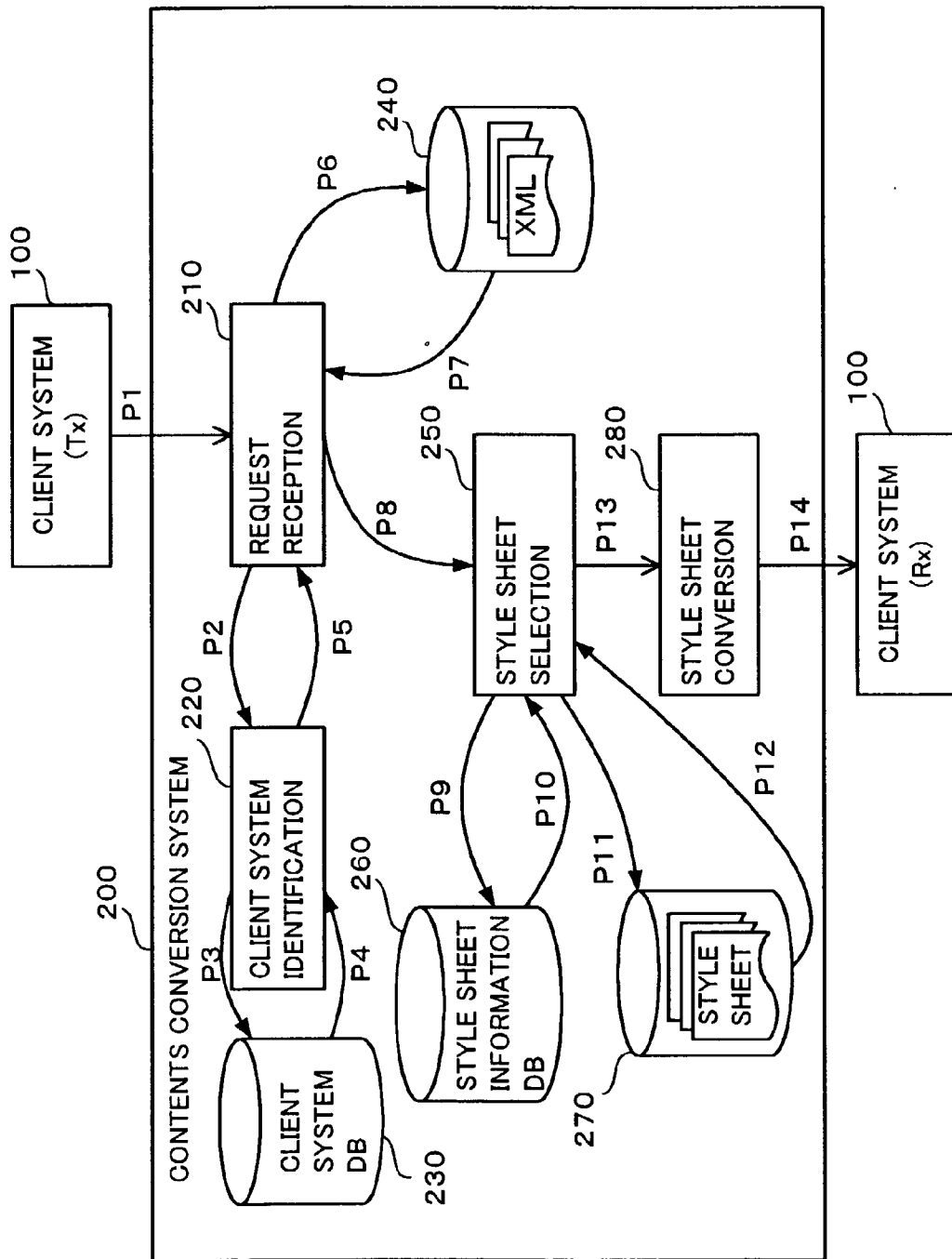


Fig. 1

```

GET/bar.xml HTTP/1.0
User-Agent: CLIENT A
Profile: "http://www.aaa.com/client a"
    
```

Fig. 2

Key	Client System Information
CLIENT A	ML=HTML, ML-Version=4.0, screen width=120, screen height=80 etc.
CLIENT B	ML=WML, ML-Version=4.0, screen width=60, screen height=30 etc.

Fig. 3

Example) DOCTYPE declaration in XHTML Basic

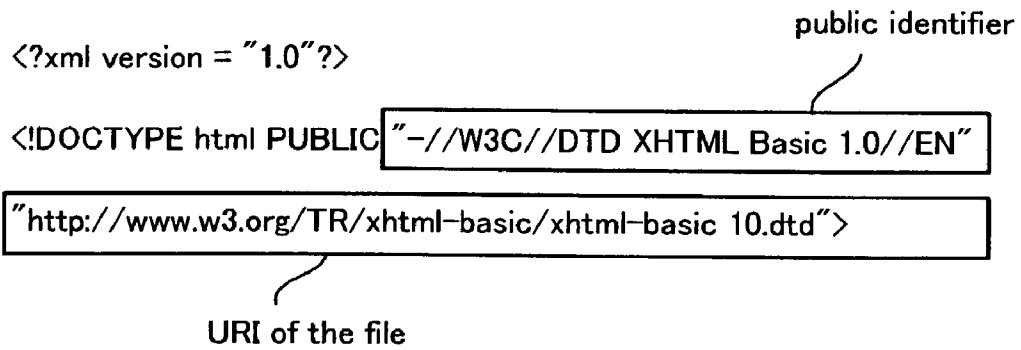


Fig. 4

Key	File Path of the Style Sheet
ML=HTML. ML-Version=4.0, PUBLIC-ID=" ", SYSTEM-ID=" " ROOT-NAME="books"	file path A
ML=WML. ML-Version=1.2, PUBLIC-ID=" ", SYSTEM-ID=" " ROOT-NAME="poix", ROOT-ATTRIBUTE="version="2.0"	file path B

Fig. 5

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