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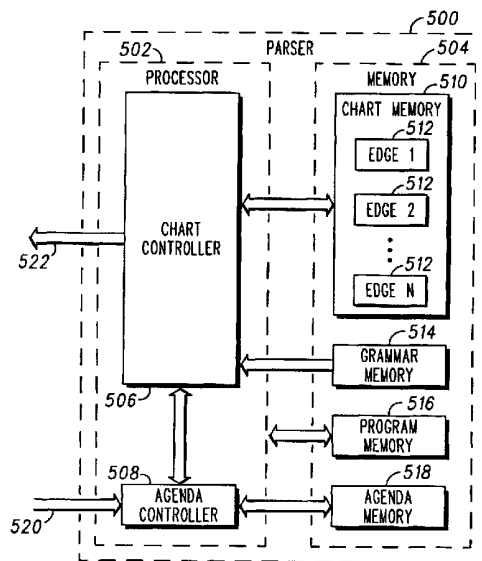
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(71) Applicant(s):
Motorola Inc
(Incorporated in USA - Delaware)
1303 East Algonquin Road, Schaumburg,
Illinois 60196, United States of America
(72) Inventor(s):
Thomas E Hayosh
Harry Martin Bliss

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(54) Abstract Title: **Chart parsing using compacted grammar representations**

(57) A chart parser (500) and a method for generating a parse chart for a sequence of input symbols (520) in accordance with an abbreviated representation of a grammar (514) is disclosed. An abbreviated representation of a grammar is stored as a set of finite-state automata, each finite-state automation corresponding to a rule of the grammar. Chart edges (512) are derived chart edges (512) from the sequence of input symbols (520) in accordance with the set of finite state automata and are stored in the parse chart. The chart parser (500) includes a chart controller (506) and an agenda controller (508), together with associated memory (518).



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**William Thompson
Guido A Minnen**

(74) Agent and/or Address for Service:

**Motorola
European Intellectual Property Operations,
Midpoint, Alencon Link, BASINGSTOKE,
Hampshire, RG21 7PL, United Kingdom**