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(54) Title: SAFE PERSONALIZED SUPER INTELLIGENCE (PSI)

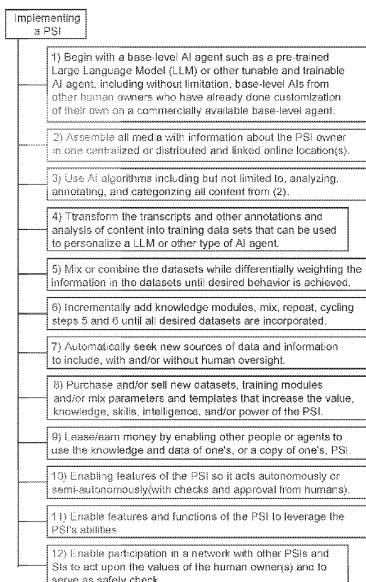


FIG. 17

(57) Abstract: Personalized SuperIntelligence (PSI) represents the next leap forward in the development of advanced, autonomous, artificial intelligence agents. However, because of their extreme intelligence, PSIs also represent a dangerous potential threat to human safety. This invention discloses how to design and construct such agents safely. It also shows how to use them safely as part of a SuperIntelligent Artificial General Intelligence (AGI) system. Preferred implementations, including methods that enable PSIs to rapidly improve themselves, with or without human oversight, are disclosed. The invention describes how to produce different versions of PSIs using several novel methods. Methods for implementing scalable safety checks that operate effectively even when PSIs become much smarter than their human creators are also described. Finally, a completely new approach to AI safety, which relies on a community of PSIs combined with proven blockchain methods, is disclosed. Rather than relying on testing, the invention promotes PSI safety by design.

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