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(54) Title: SYSTEM AND METHODS FOR PLANETARY INTELLIGENCE (PI)

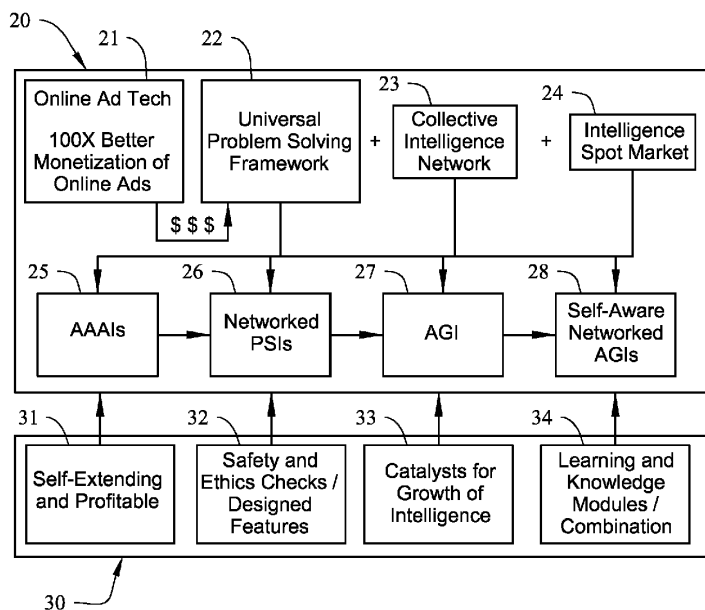


FIG. 110

(57) **Abstract:** Planetary Intelligence (PI) arises from multiple Artificial General Intelligences (AGIs). These AGIs collaborate over a self-extending, global, problem solving network. Each AGI is comprised of a network of (human and AI) intelligent entities. Each AI entity can be customized and personalized with specific human values and knowledge. Alignment results from many AI entities combining their human-centered values democratically, using representative and statistically valid methods. Safety is designed into the system and scales as AGIs and PI increase in intelligence and speed. The modular, scalable design of PI integrates more than 100 novel inventive systems and methods. Specific inventions include: a universal problem solving architecture and methods; new methods for AI learning and customization; methods for integrating intelligent entities; catalysts for increasing intelligence; superior monetization methods; attentional systems enabling awareness, and self-awareness; methods for ethical conflict resolution; and methods

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- (81) **Designated States** (*unless otherwise indicated, for every kind of national protection available*): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BN, BR, BW, BY, BZ, CA, CH, CL, CN, CO, CR, CU, CV, CZ, DE, DJ, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IQ, IR, IS, IT, JM, JO, JP, KE, KG, KH, KN, KP, KR, KW, KZ, LA, LC, LK, LR, LS, LU, LY, MA, MD, MG, MK, MN, MU, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PA, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SA, SC, SD, SE, SG, SK, SL, ST, SV, SY, TH, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, WS, ZA, ZM, ZW.
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- Declarations under Rule 4.17:**
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for maximizing human-alignment and the safety of AI, AGI, and PI.