

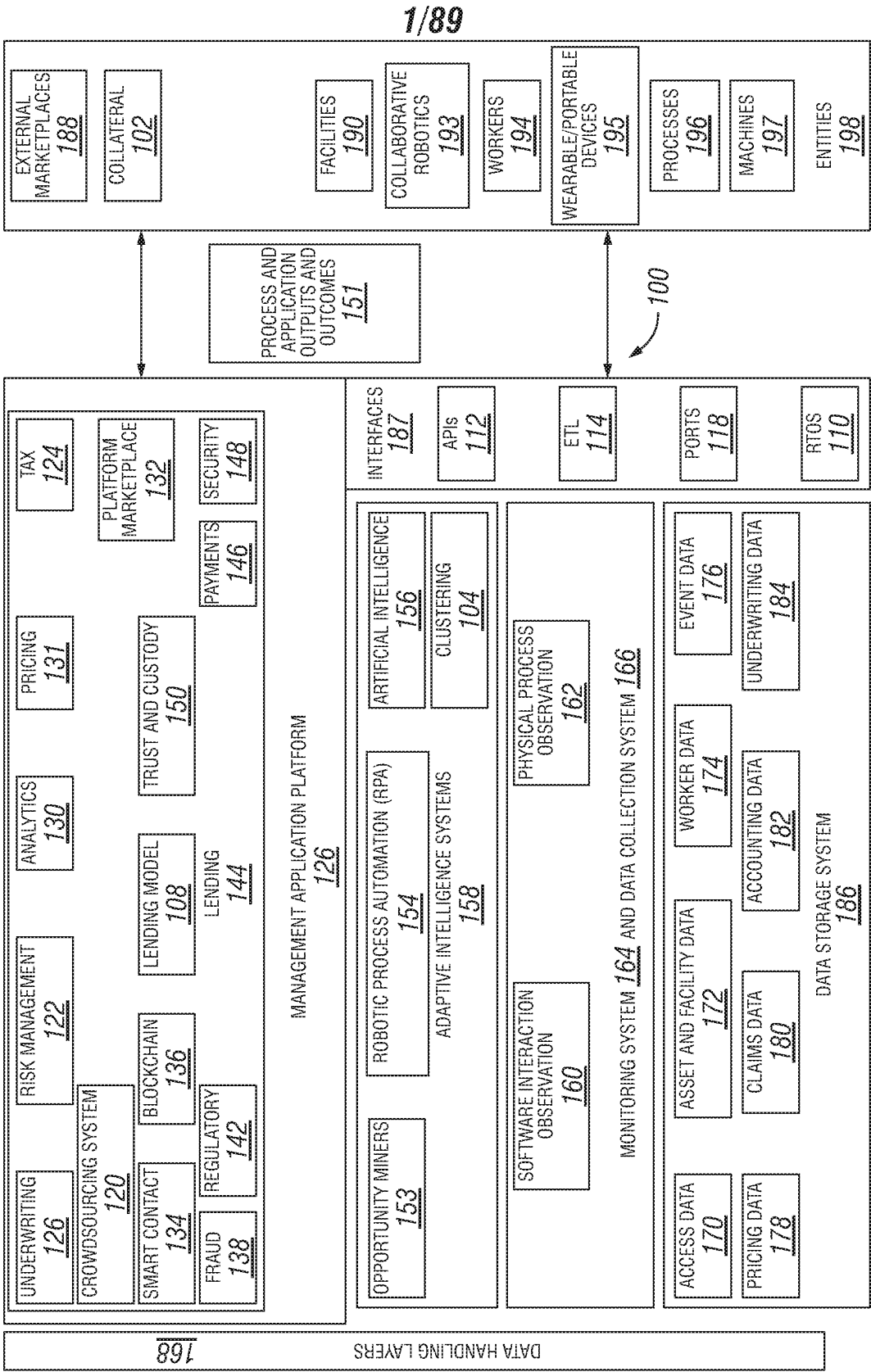


FIG. 1

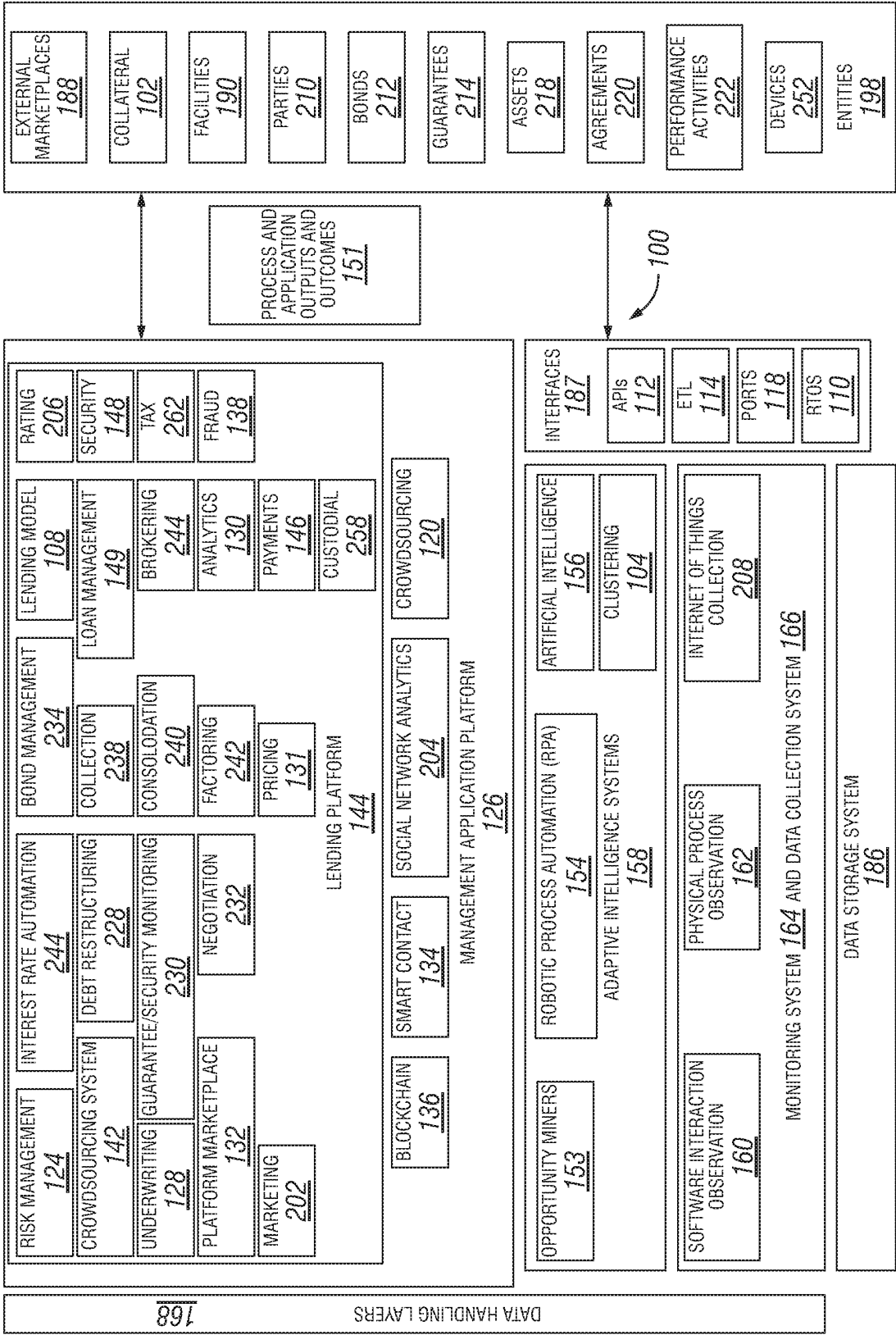


FIG. 2

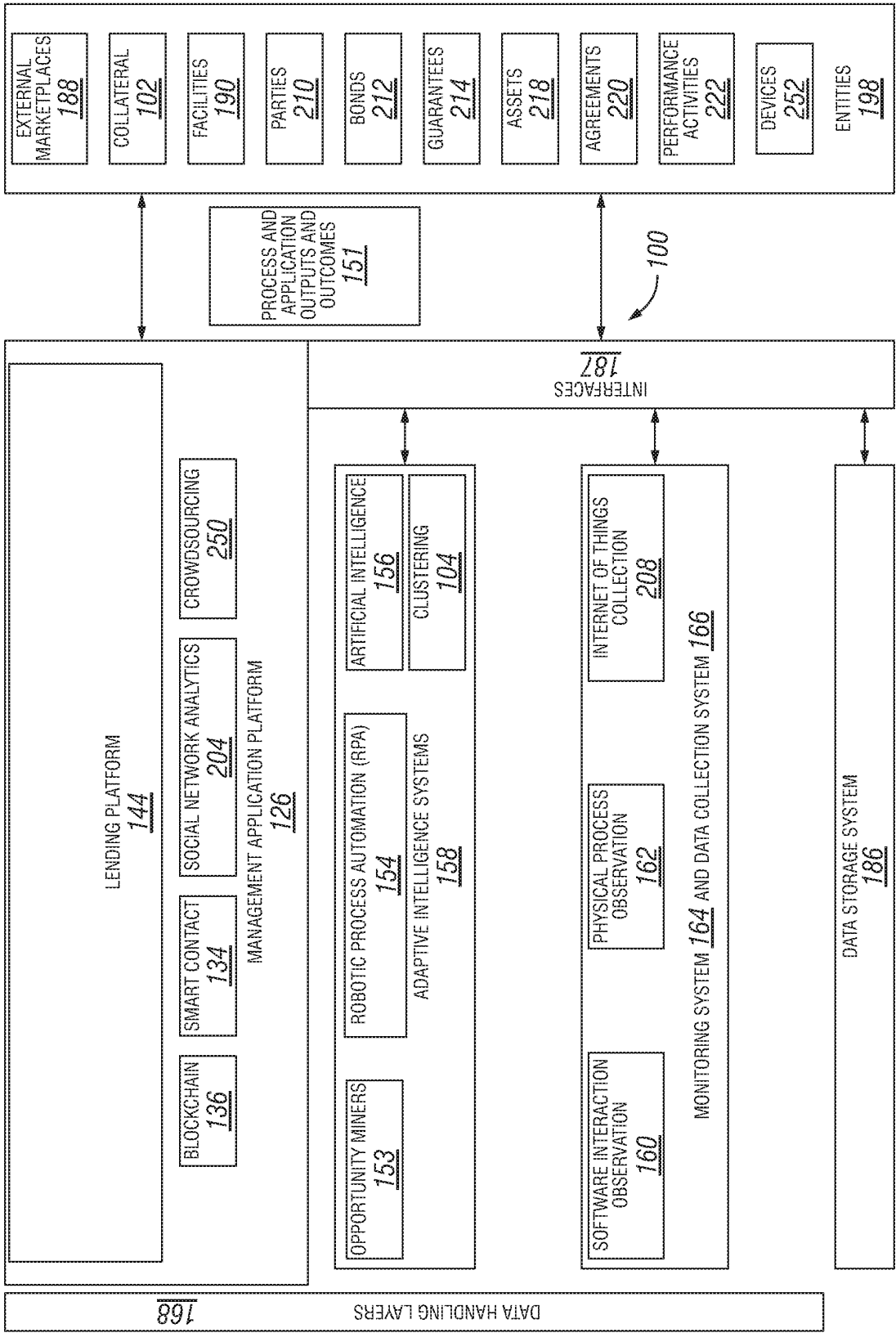


FIG. 3

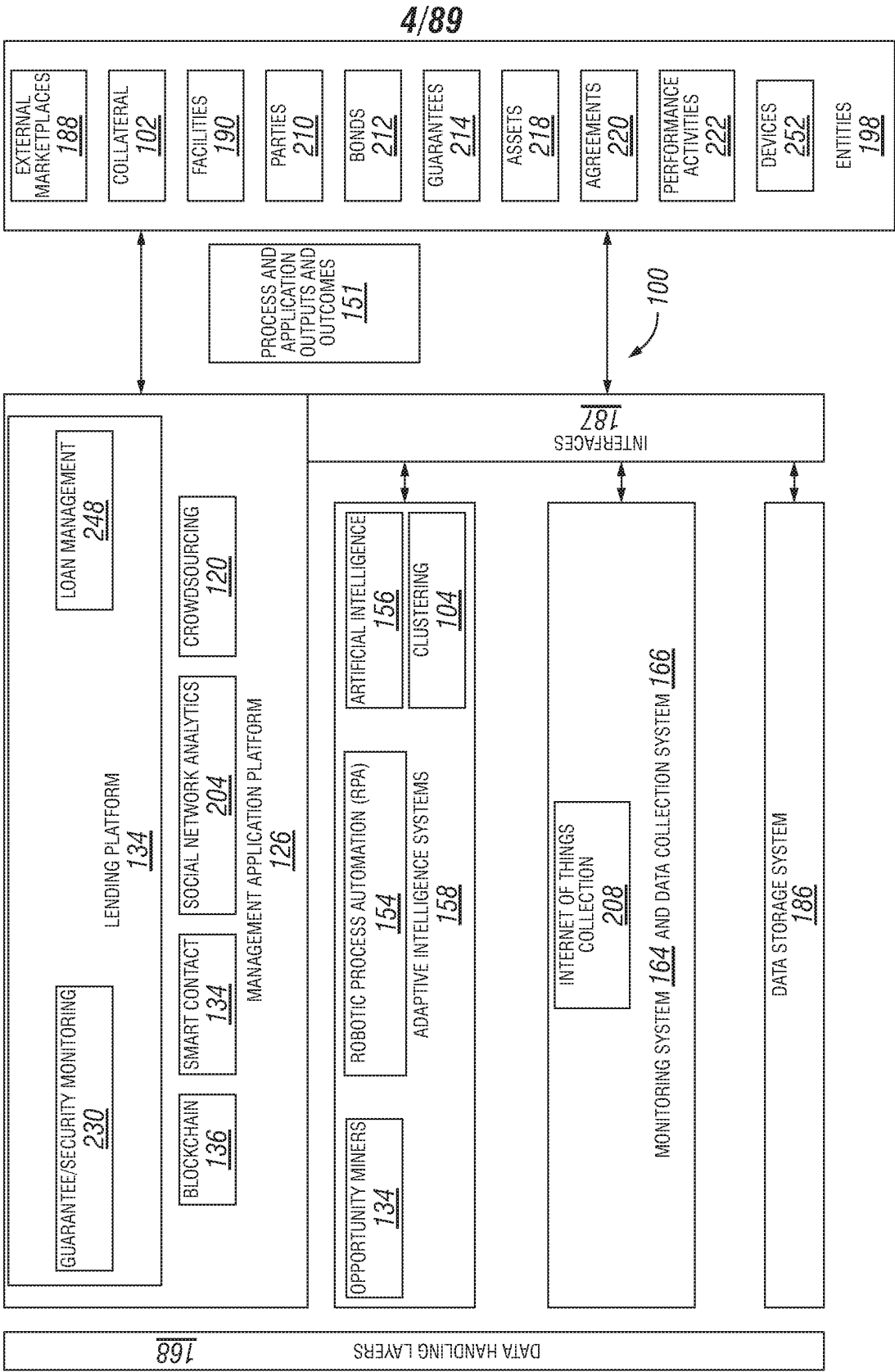


FIG. 4

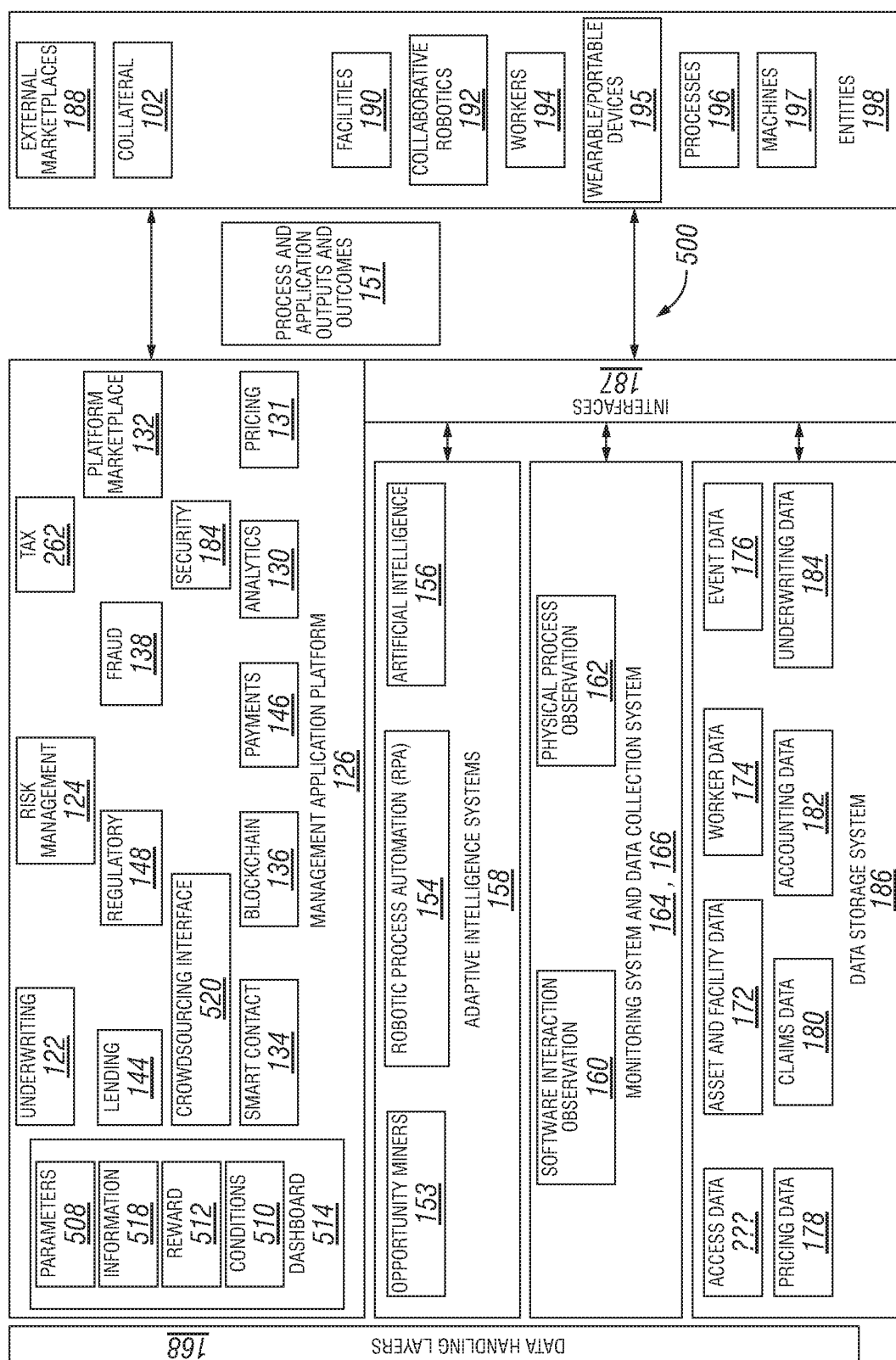


FIG. 5

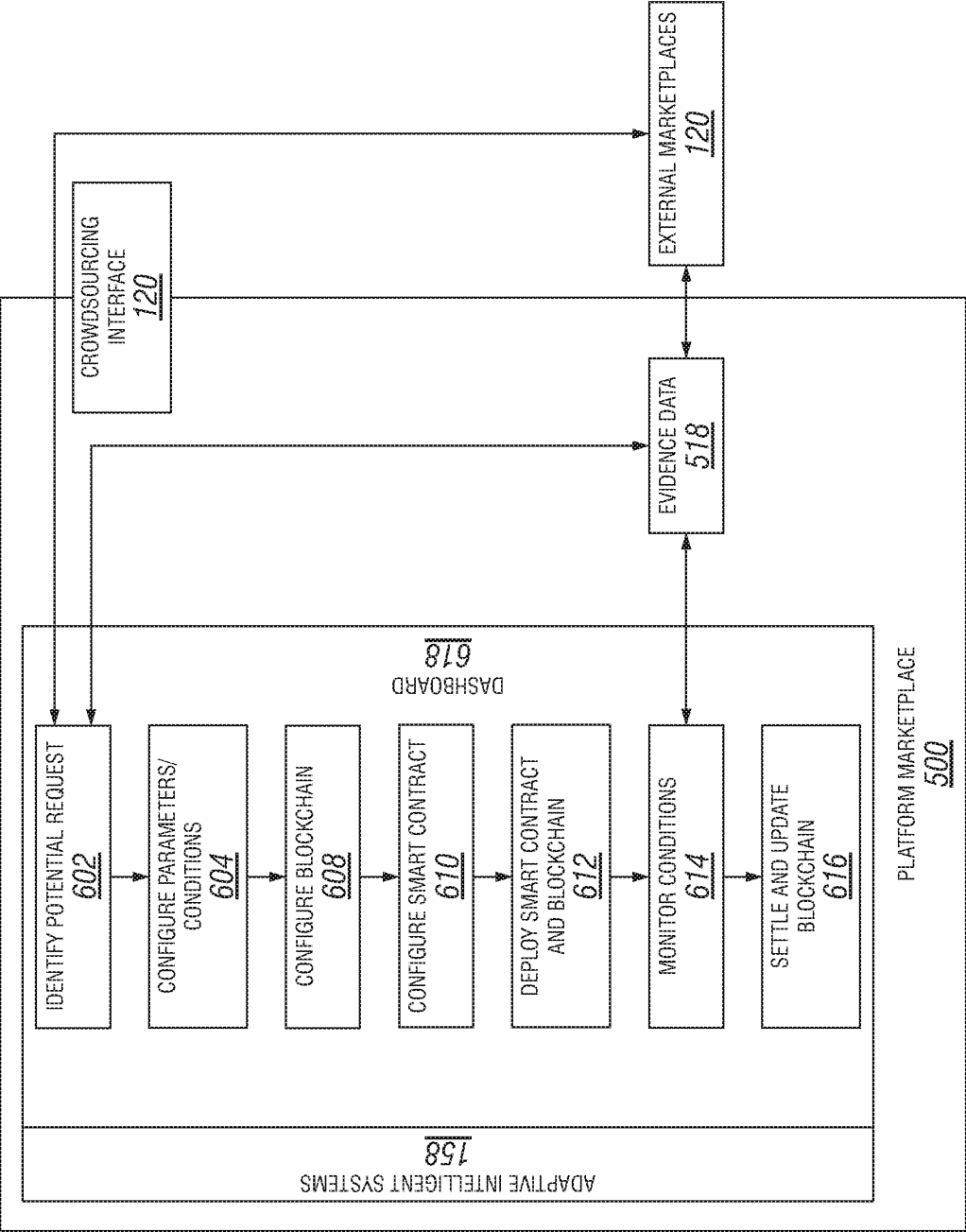


FIG. 6

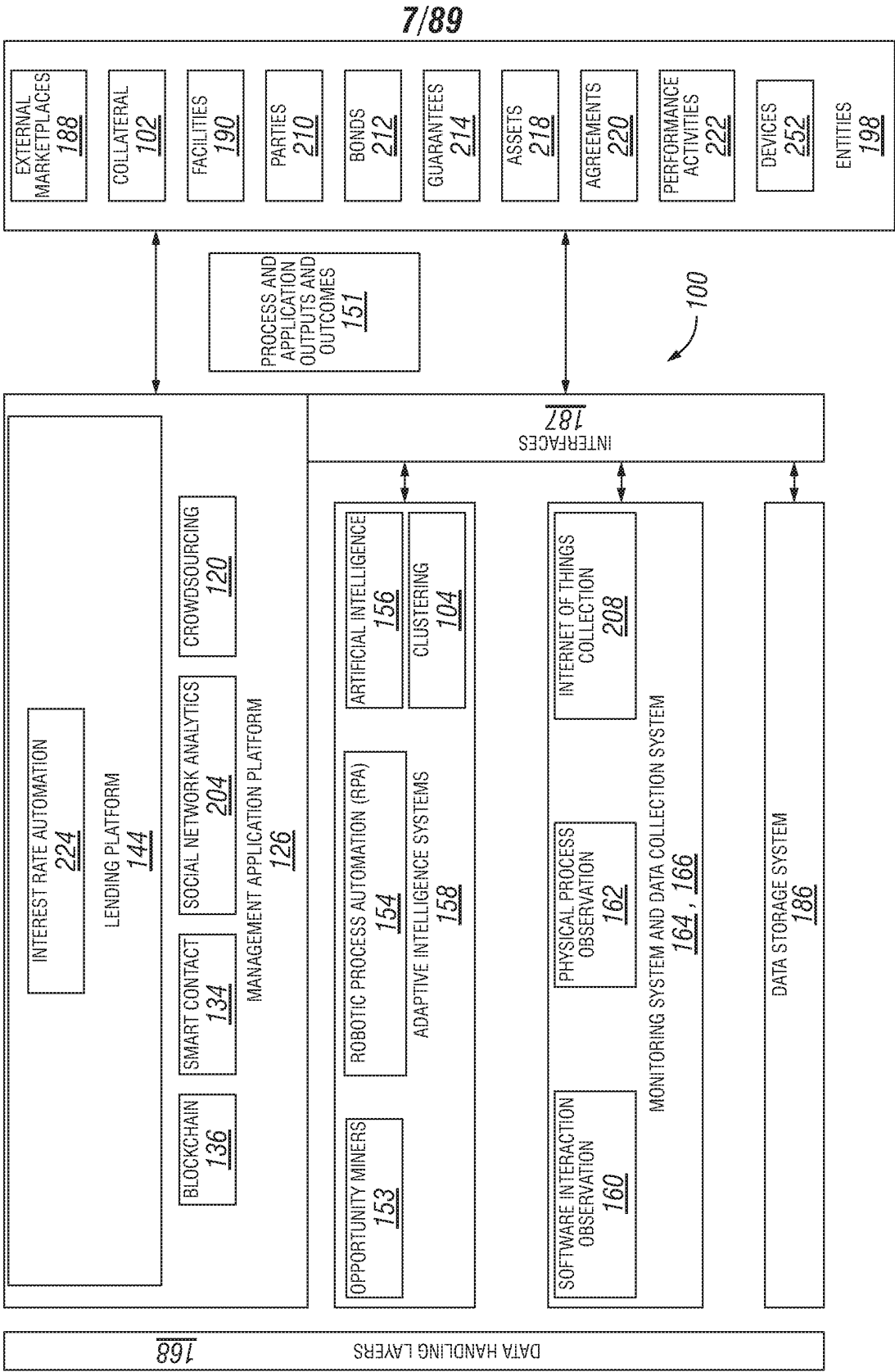


FIG. 7

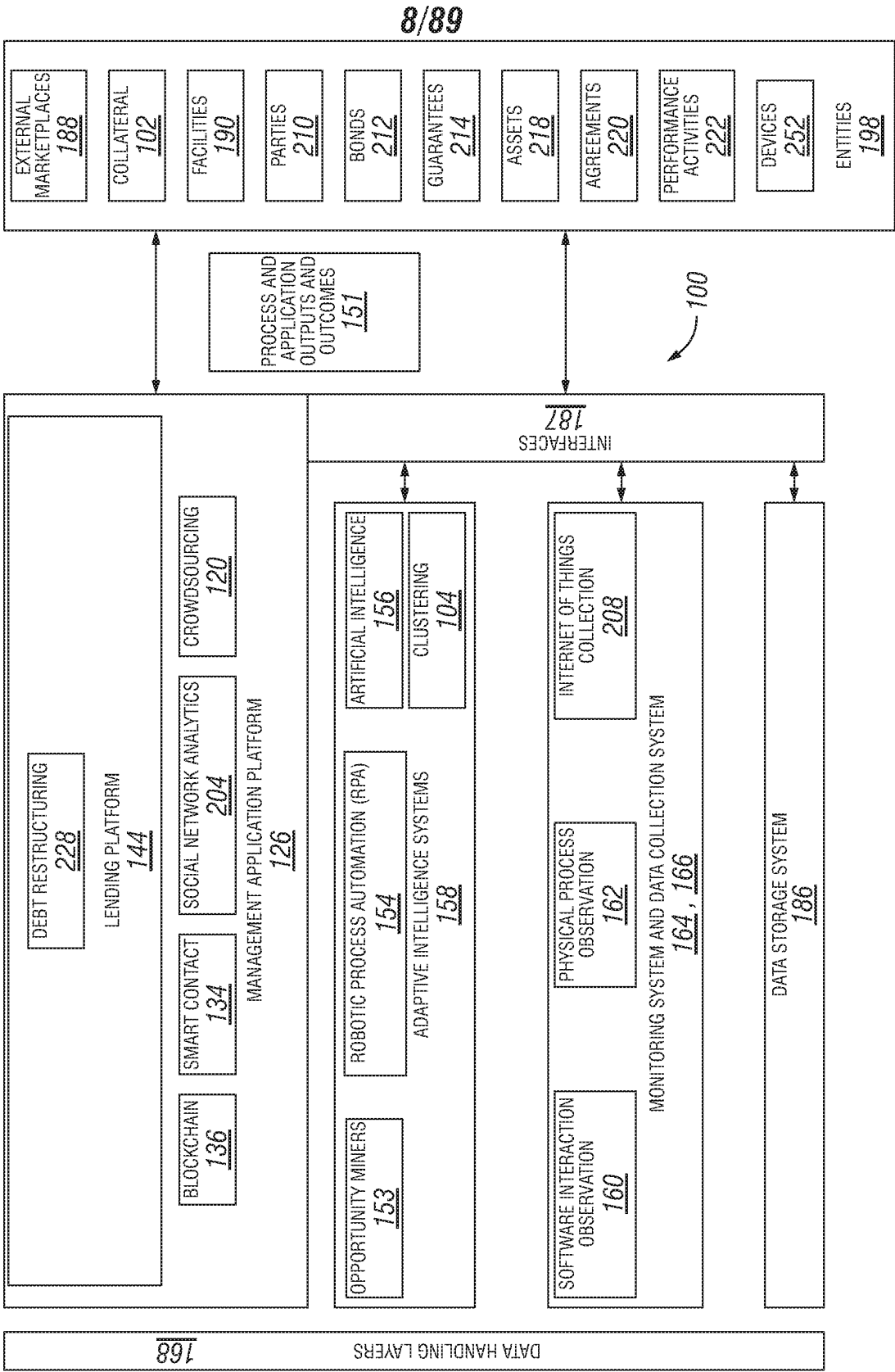
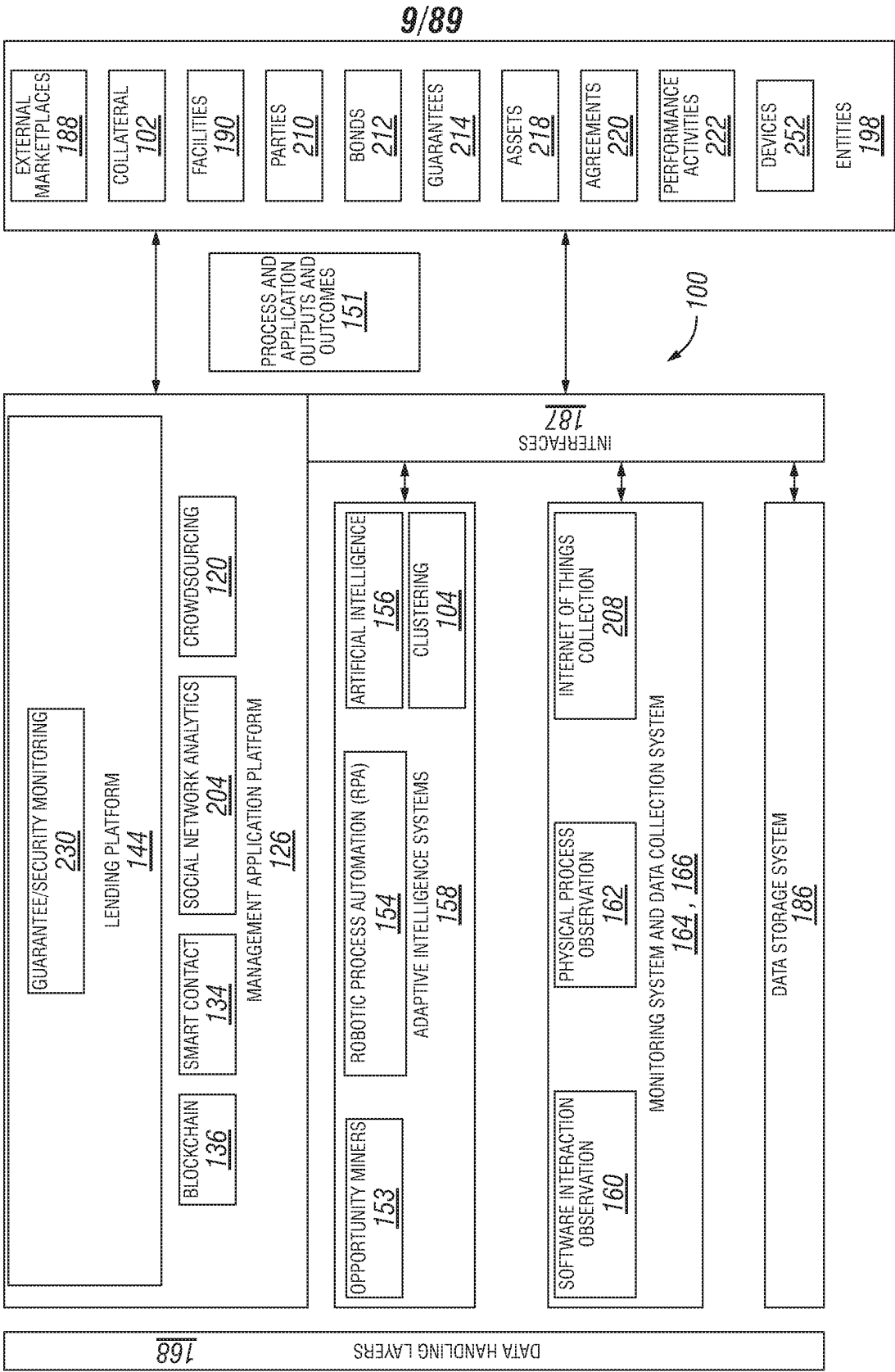


FIG. 8



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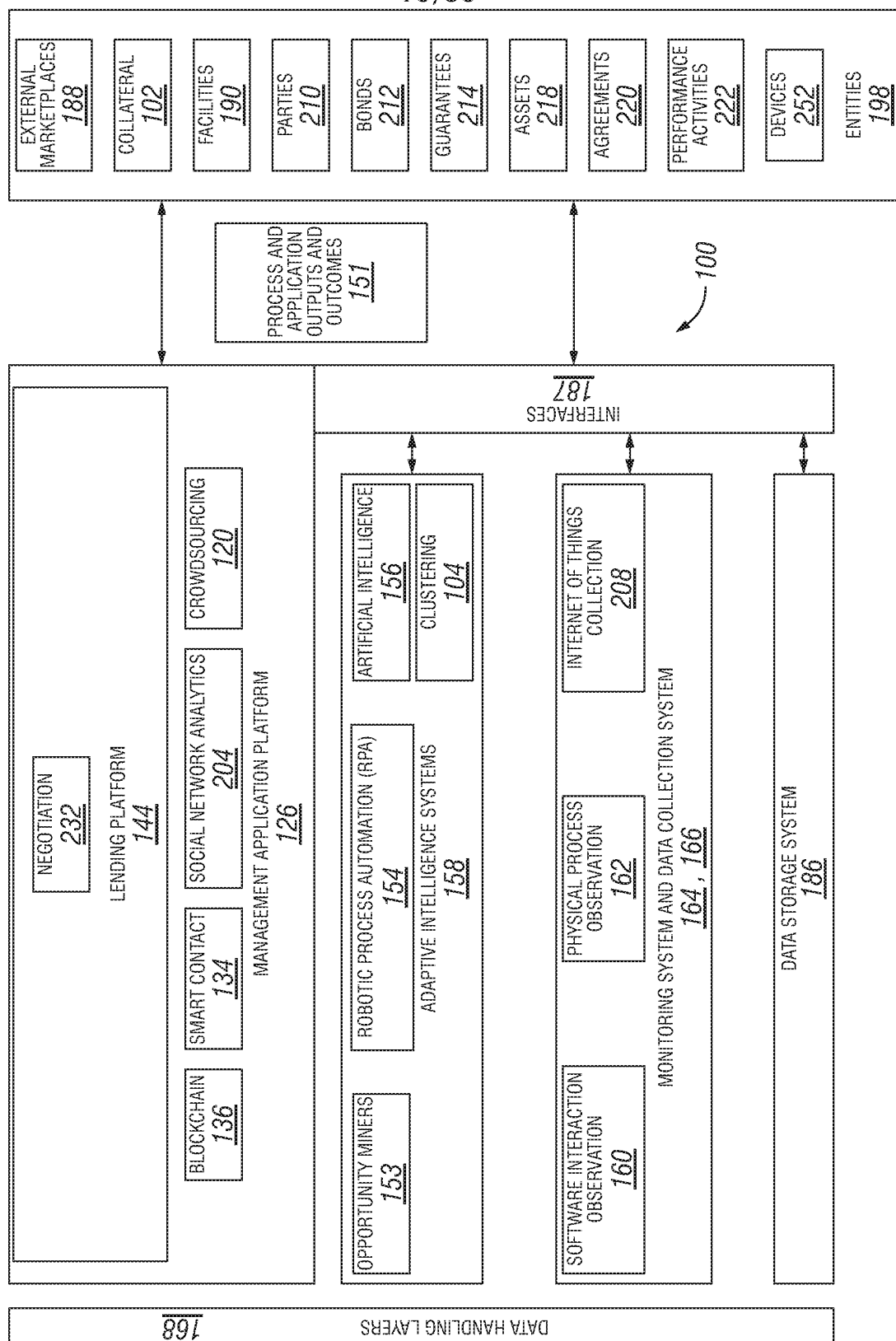


FIG. 10

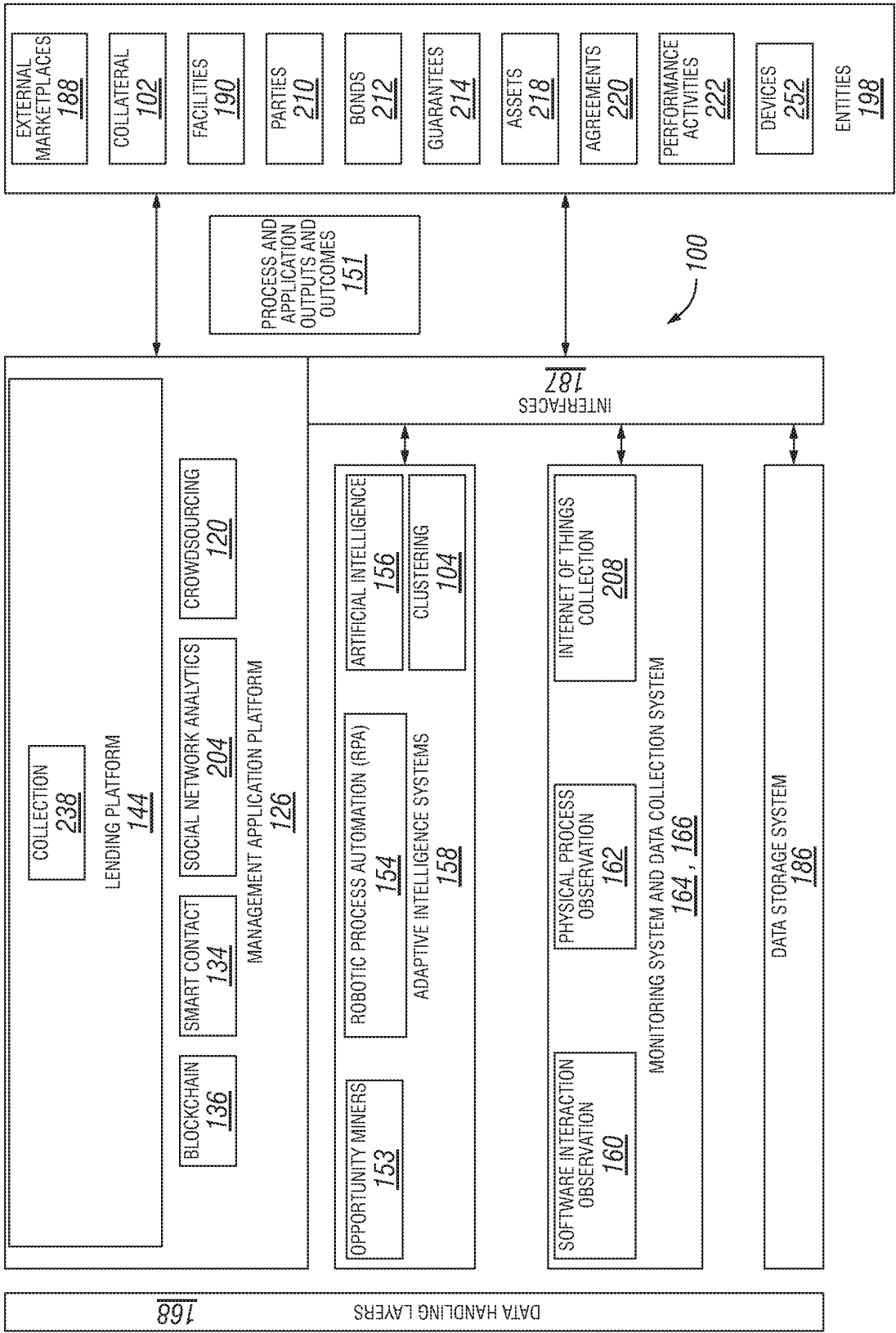


FIG. 11

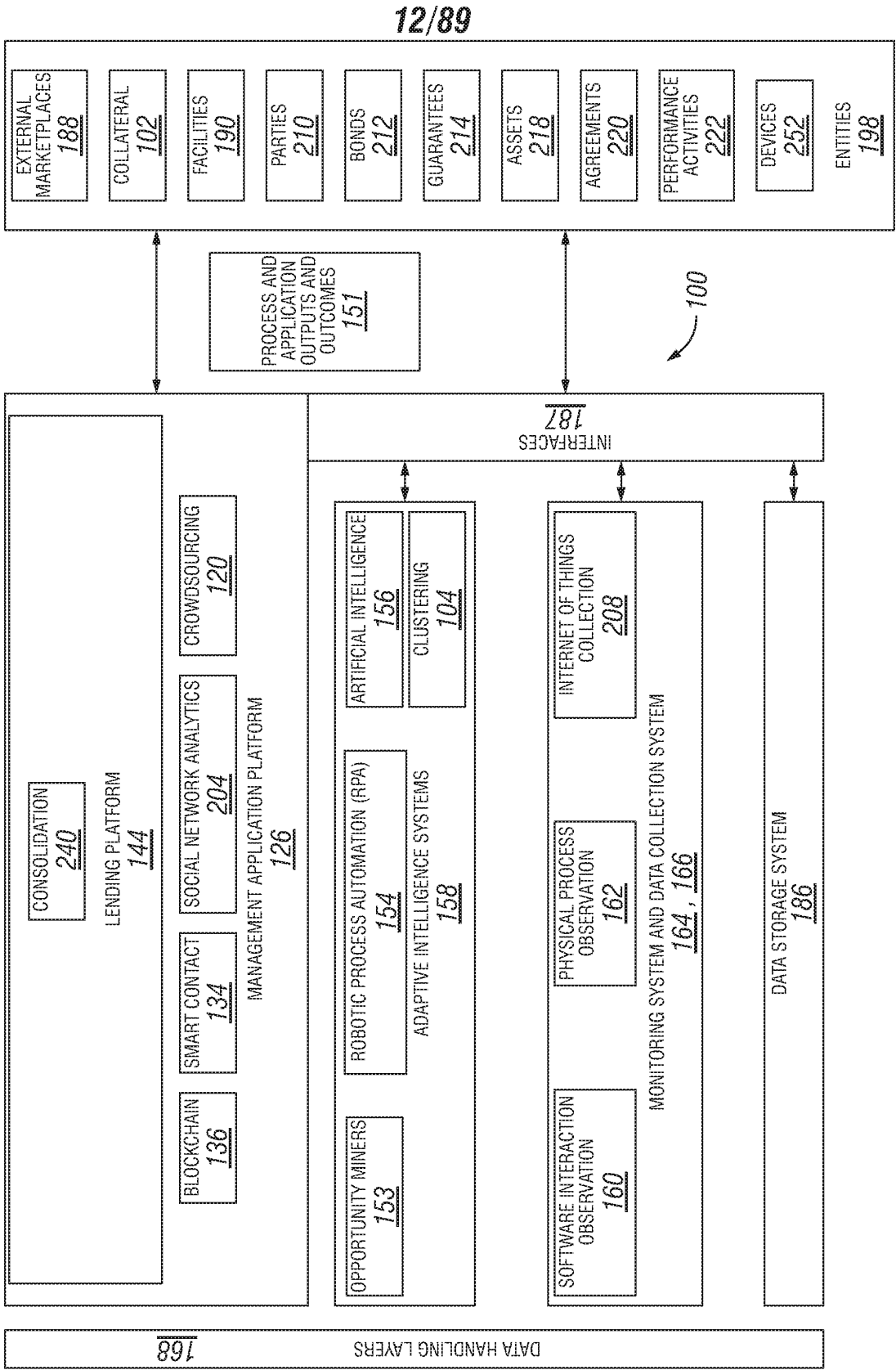


FIG. 12

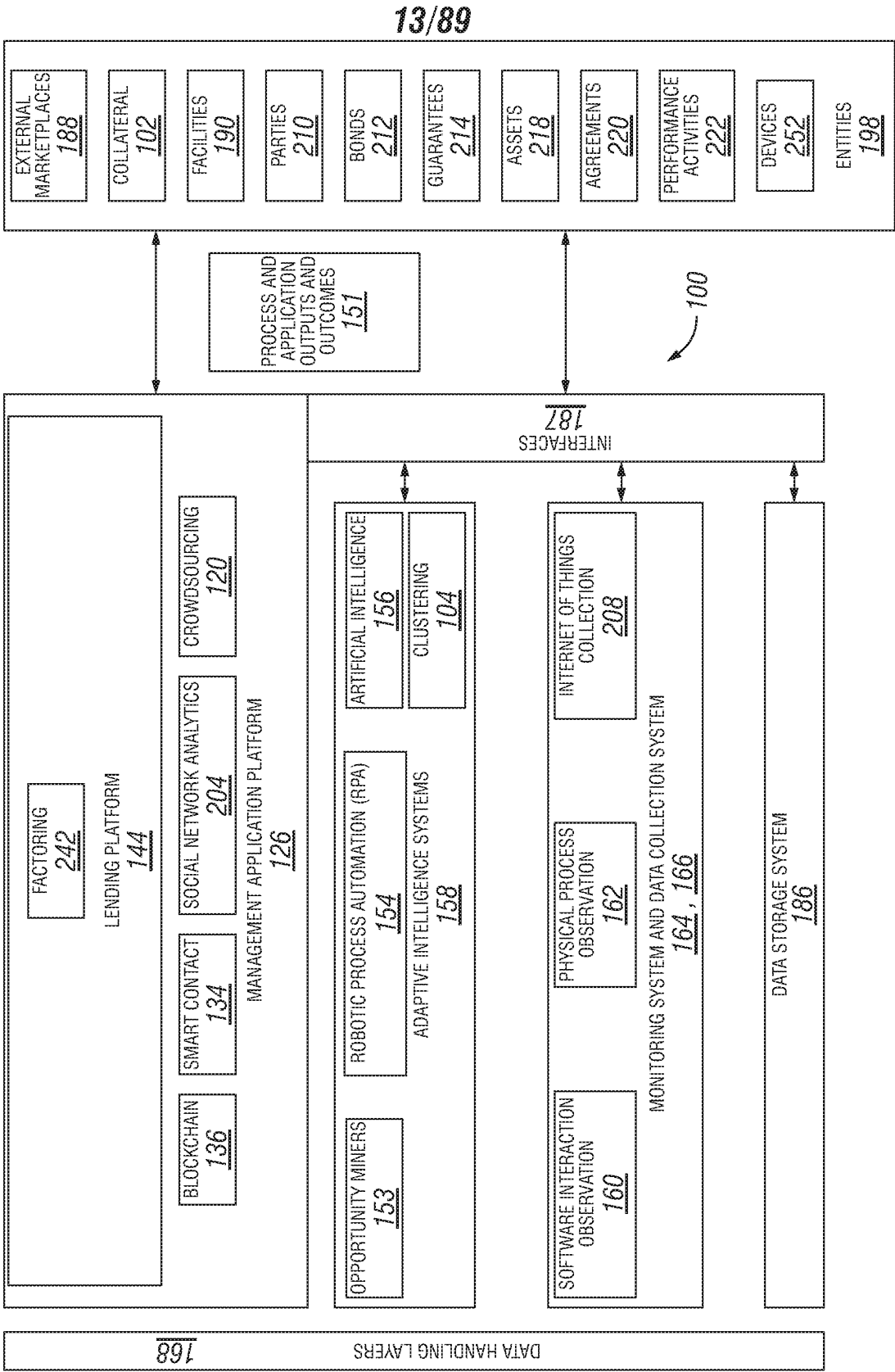
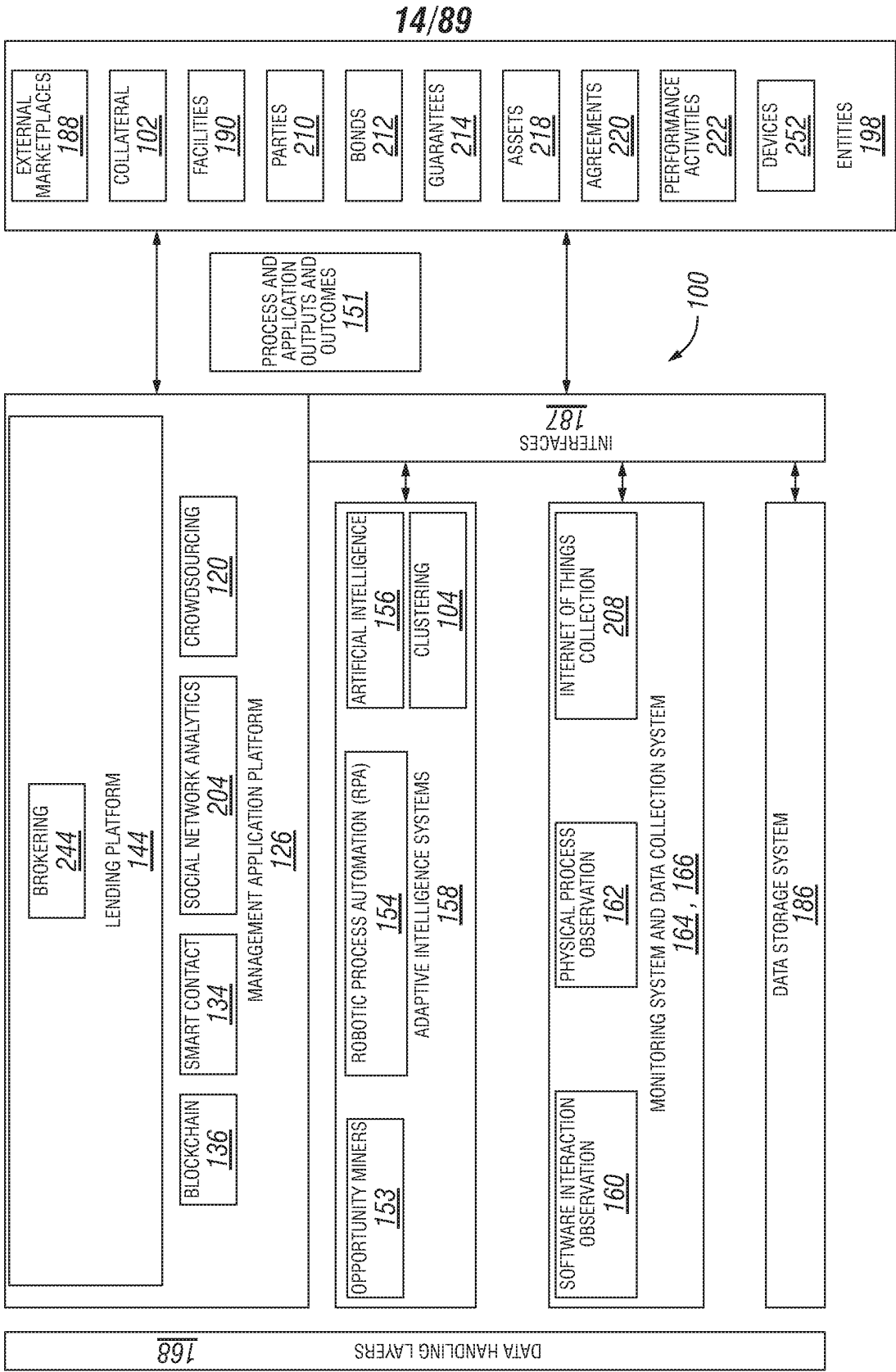


FIG. 13



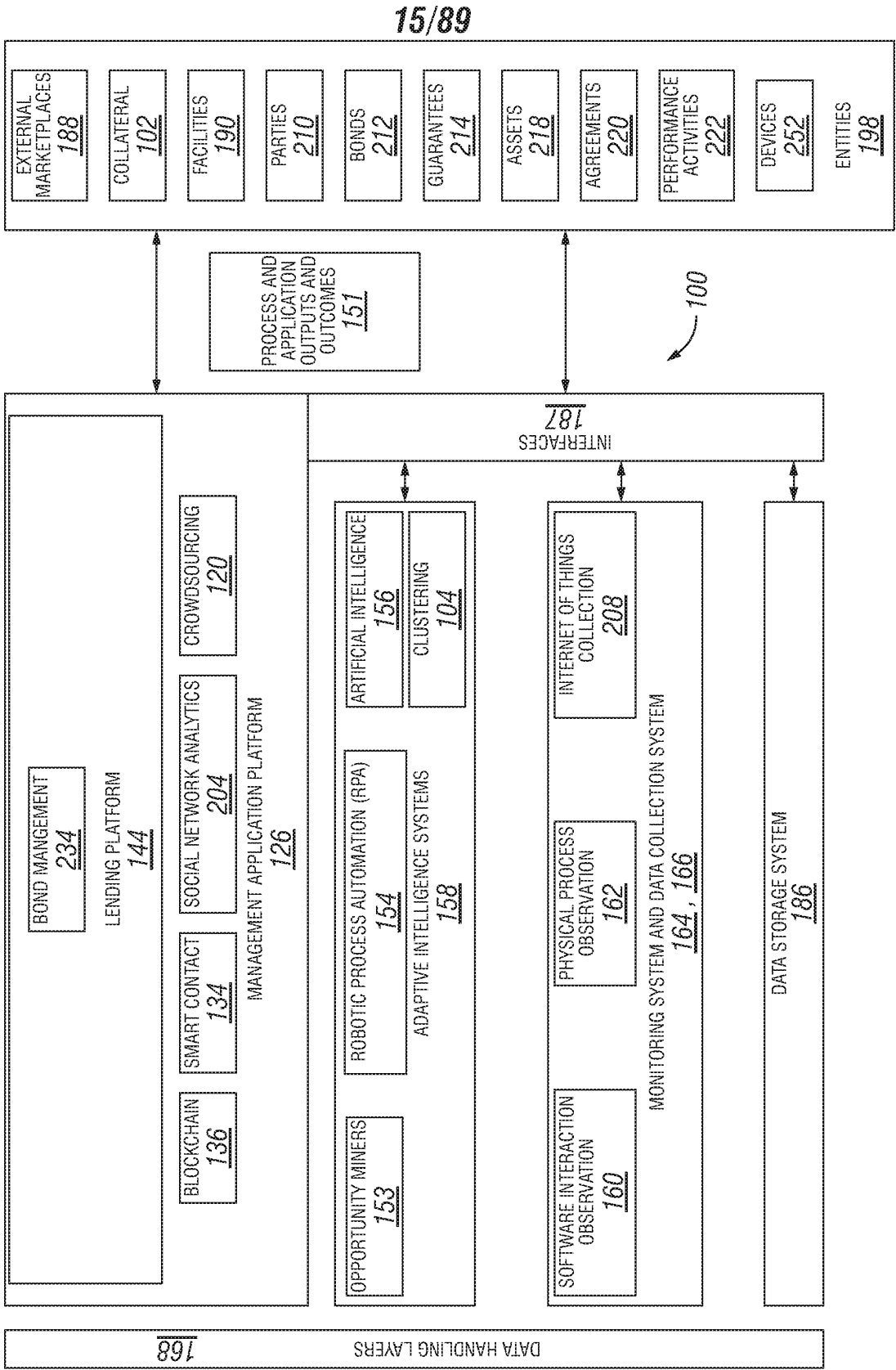
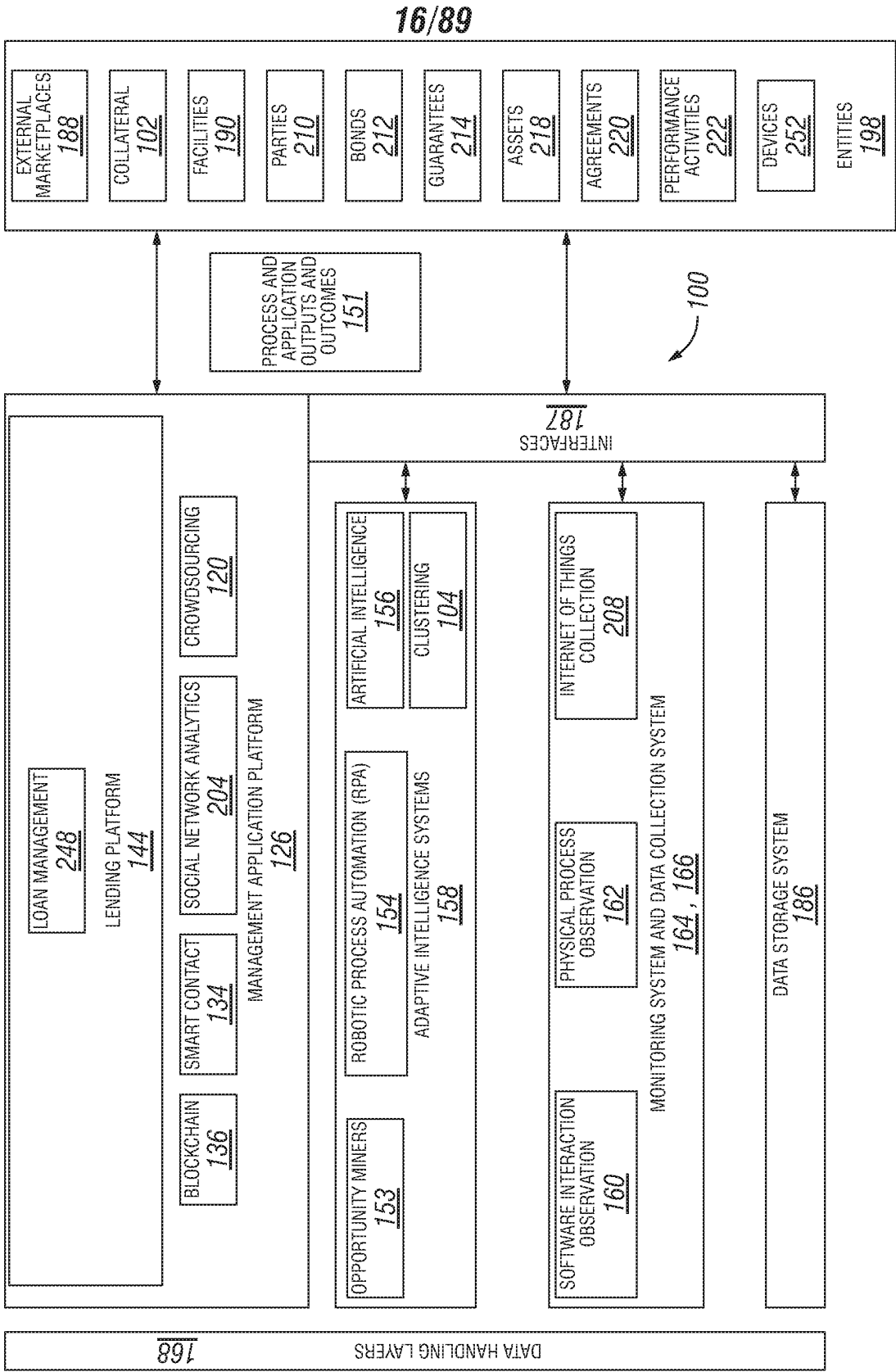


FIG. 15



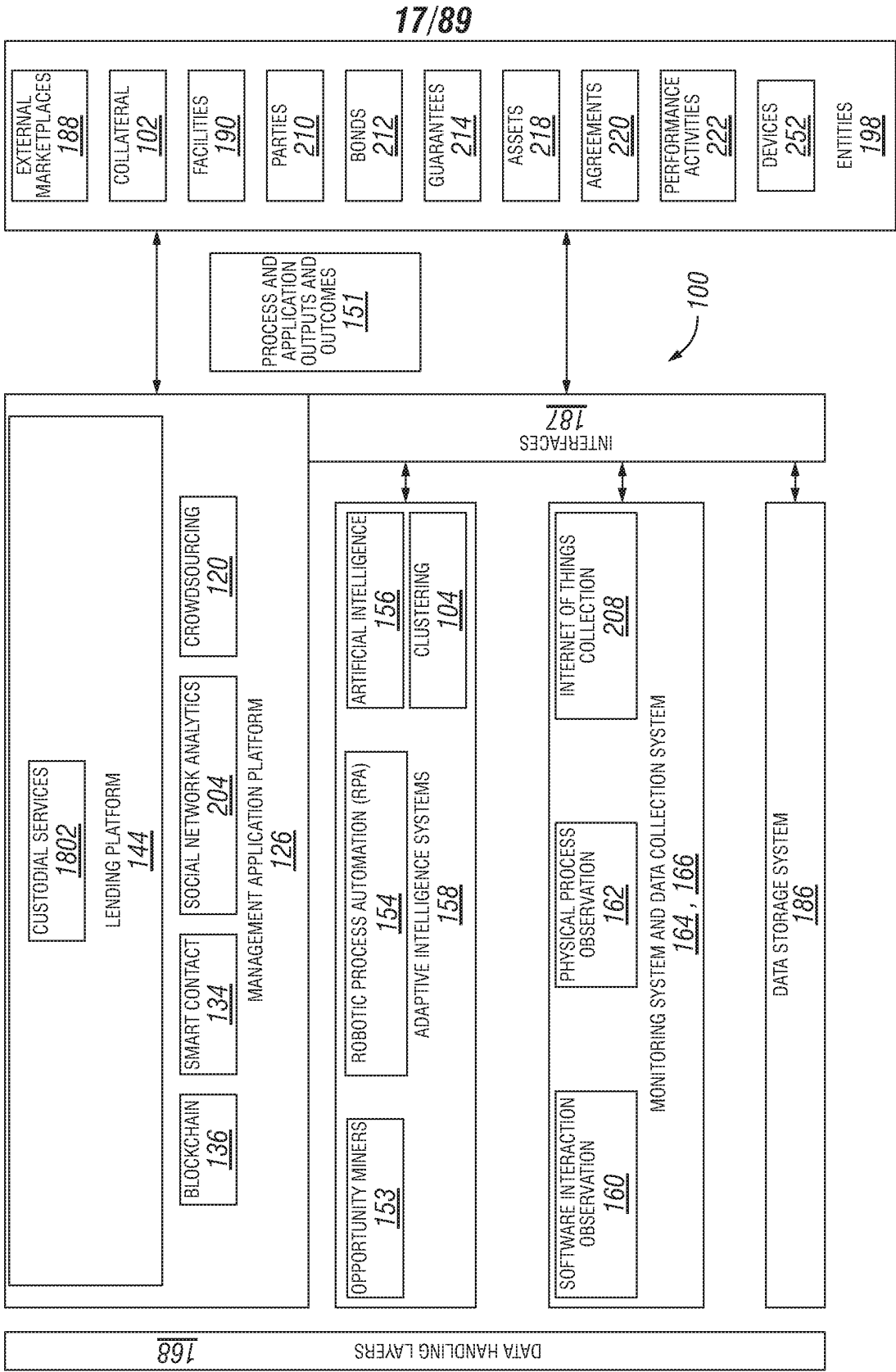


FIG. 17

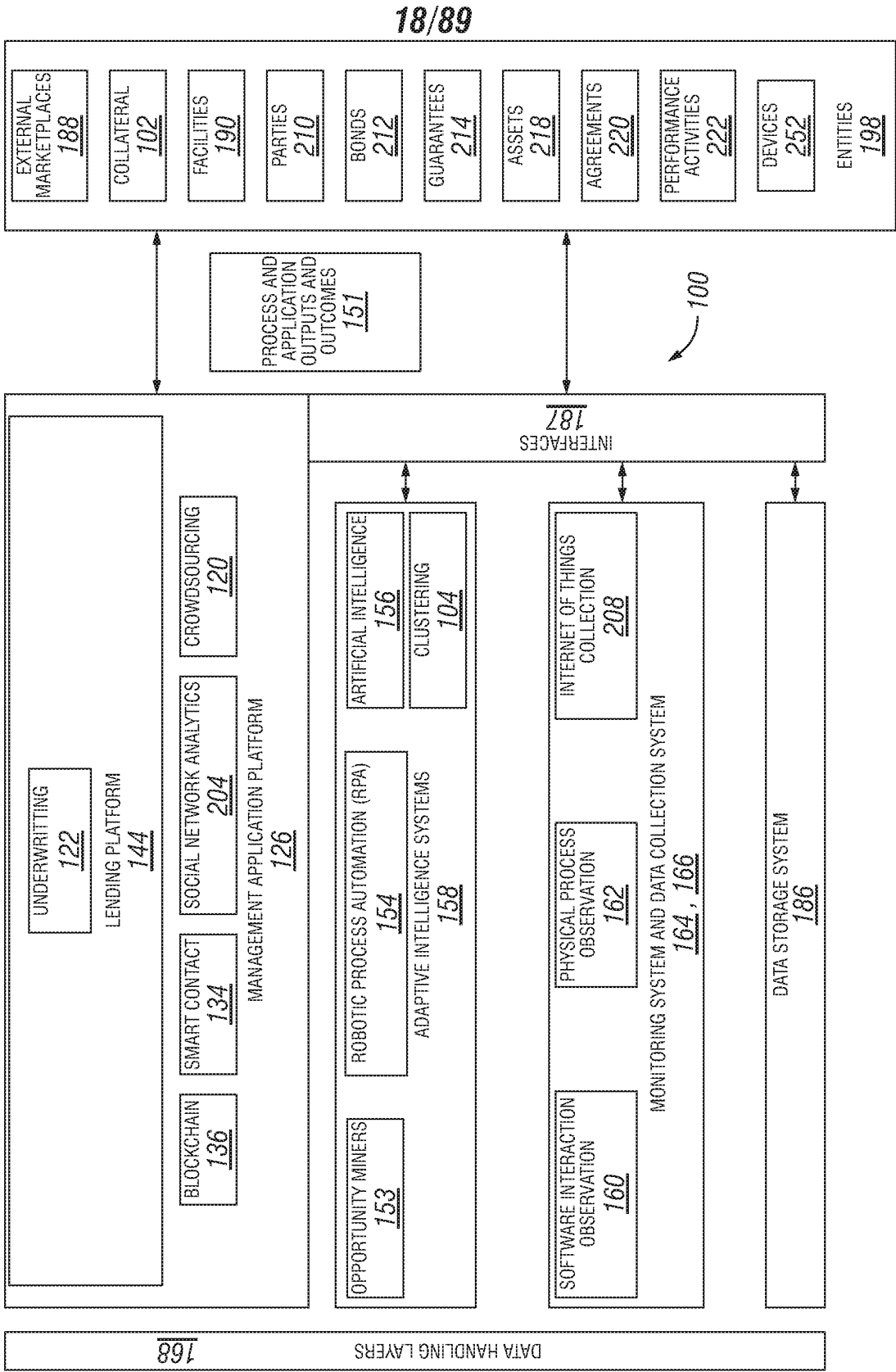


FIG. 18

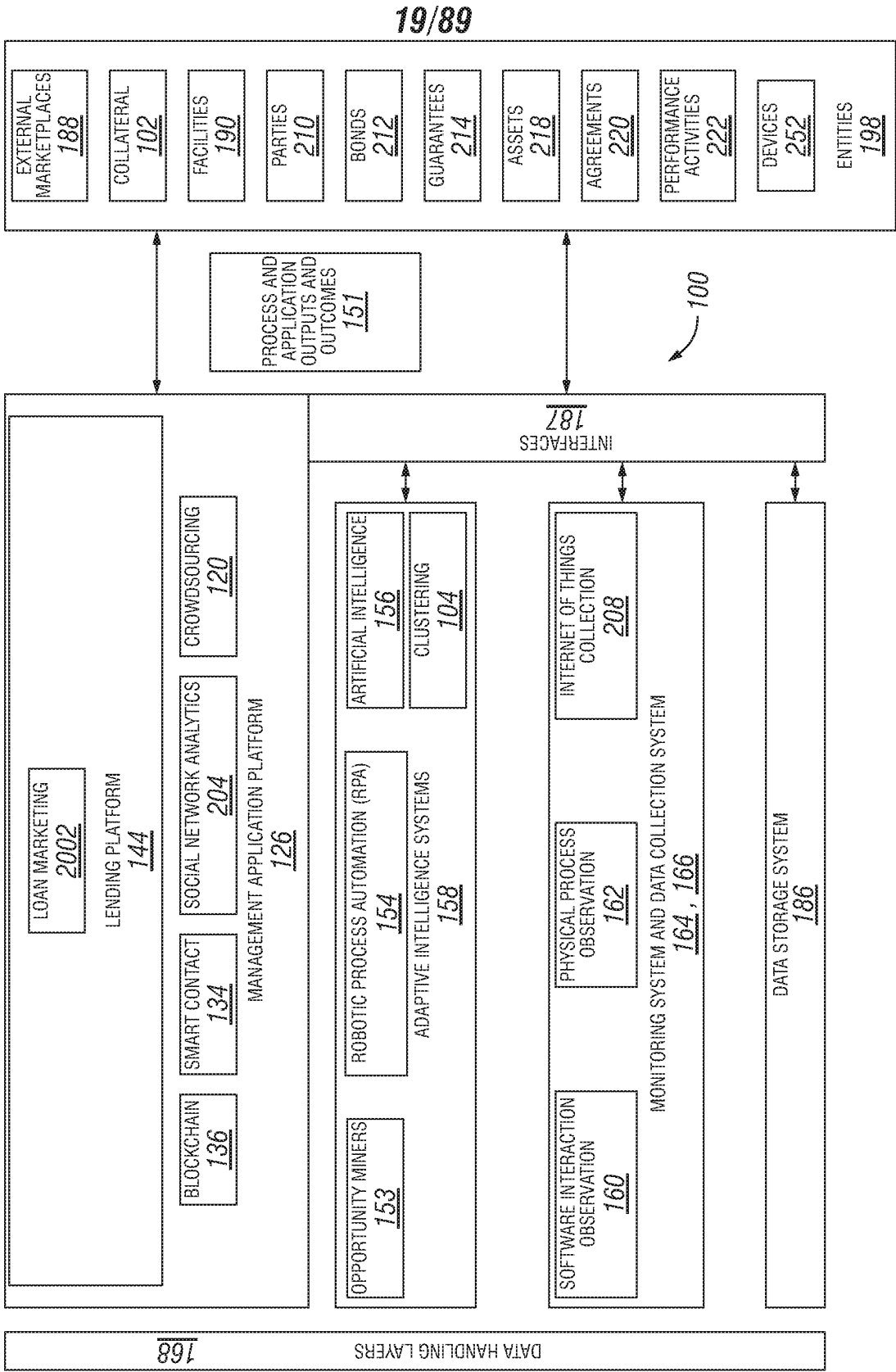


FIG. 19

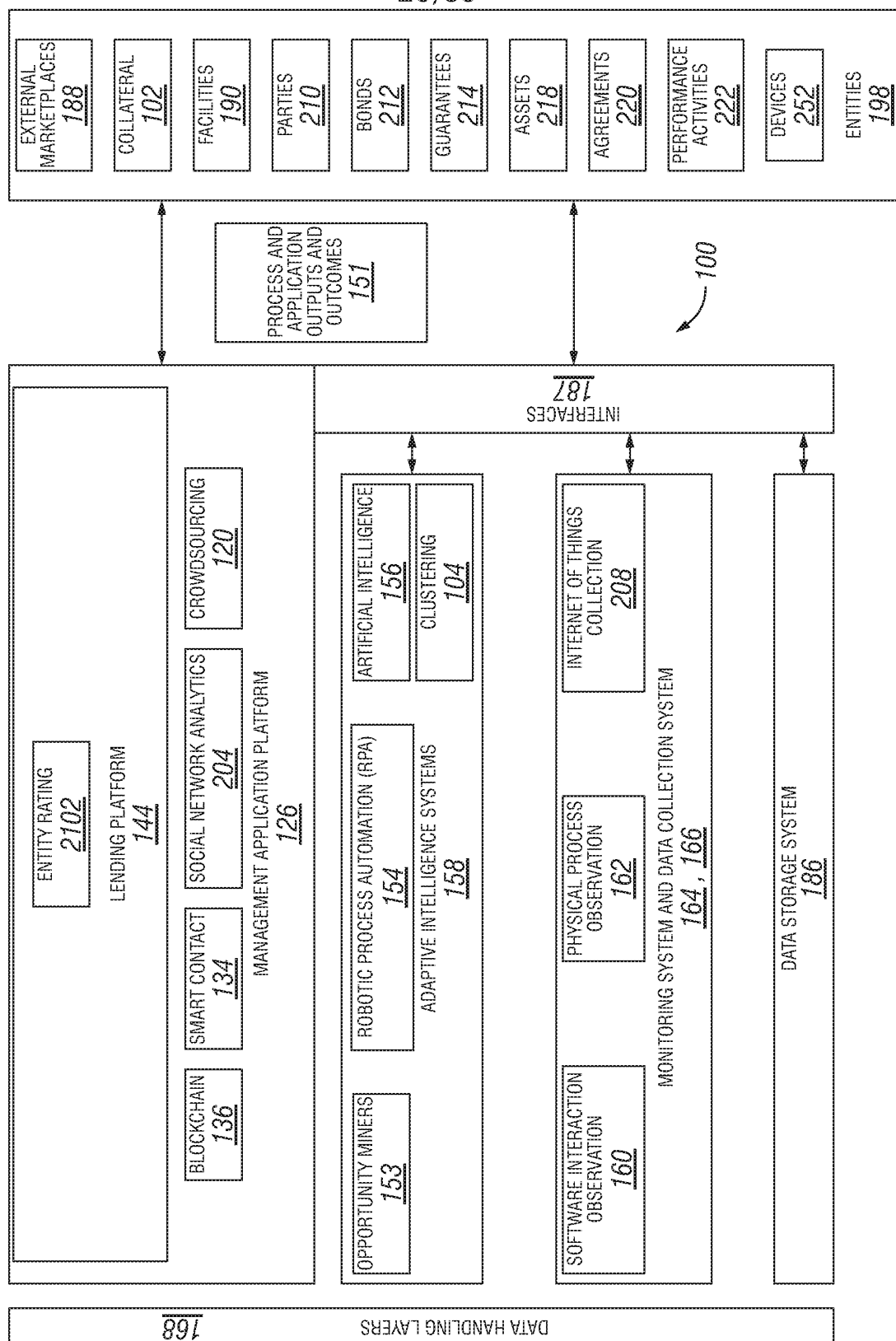
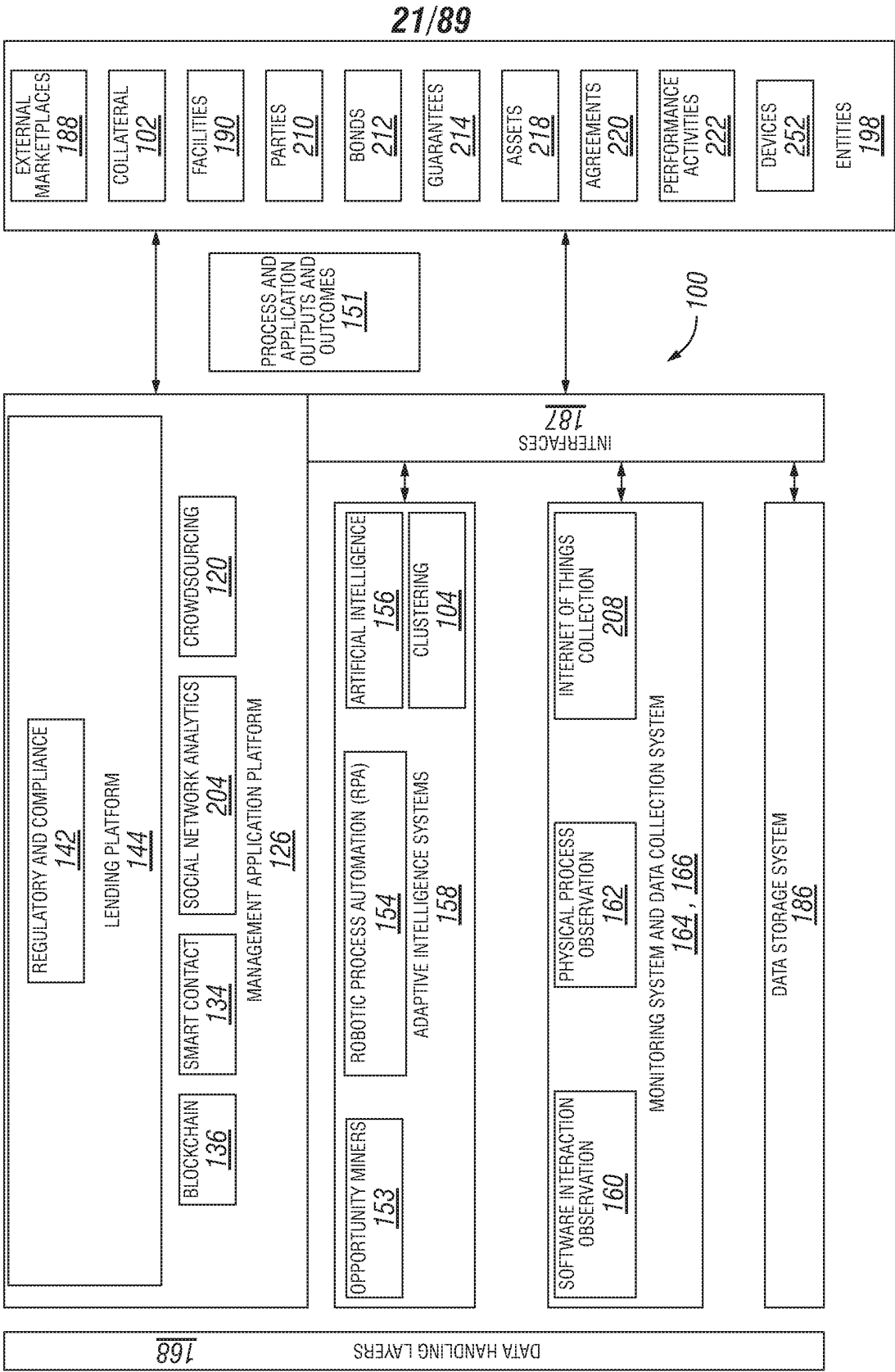


FIG. 20



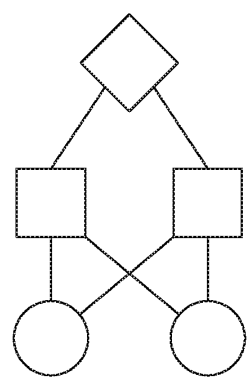


FIG. 24

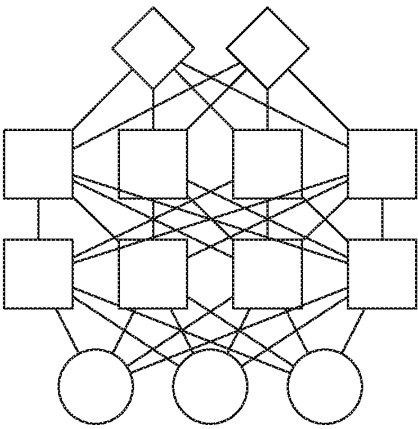


FIG. 26

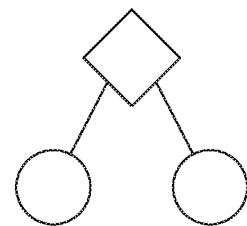


FIG. 23

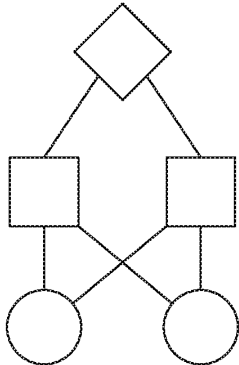


FIG. 25

- BACKFED DATA/SENSOR INPUT CELL
- DATA/SENSOR INPUT CELL
- NOISY INPUT CELL
- HIDDEN CELL
- PROBABILLISTIC HIDDEN CELL
- SPIKING HIDDEN CELL
- OUTPUT CELL
- MATCH INPUT/OUTPUT CELL
- RECURRENT CELL
- MEMORY CELL
- DIFFERENT MEMORY CELL
- KERNEL
- CONVOLUTION OR POOL

FIG. 22

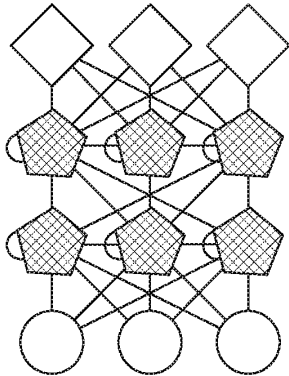


FIG. 27

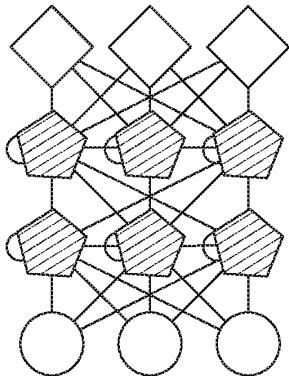


FIG. 28

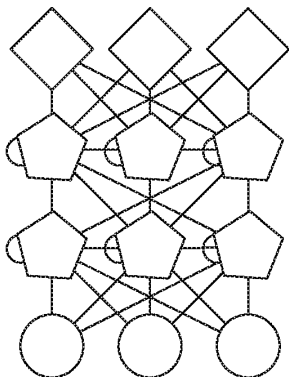


FIG. 29

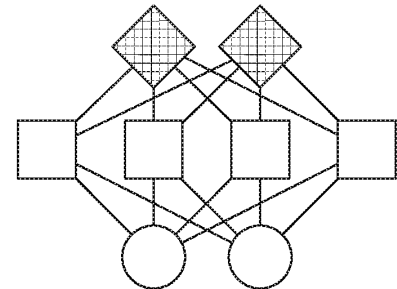


FIG. 30

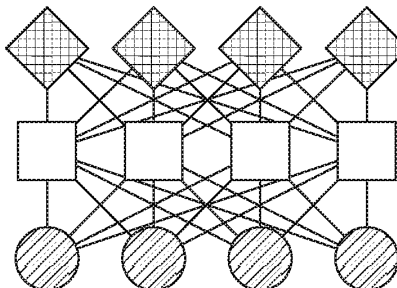


FIG. 31

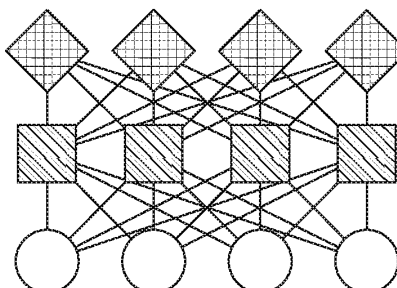


FIG. 32

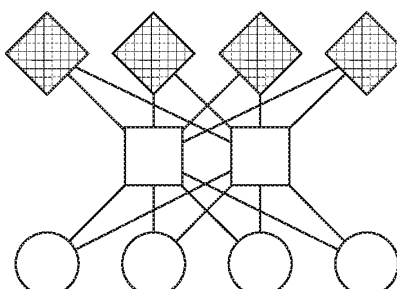


FIG. 33

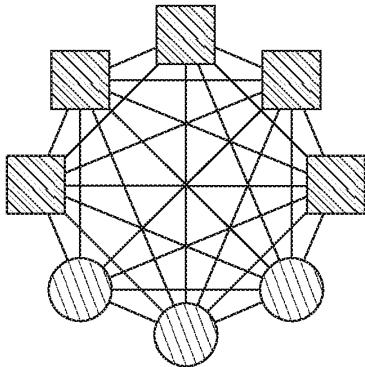


FIG. 34

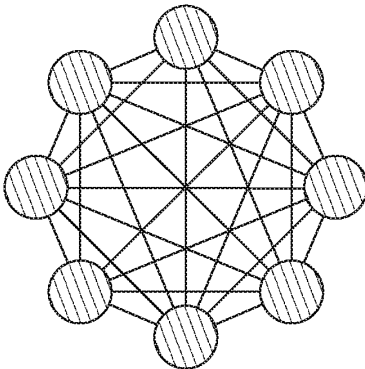


FIG. 35

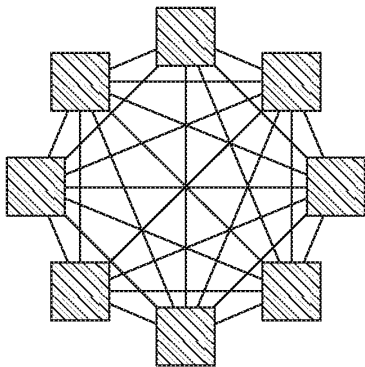


FIG. 36

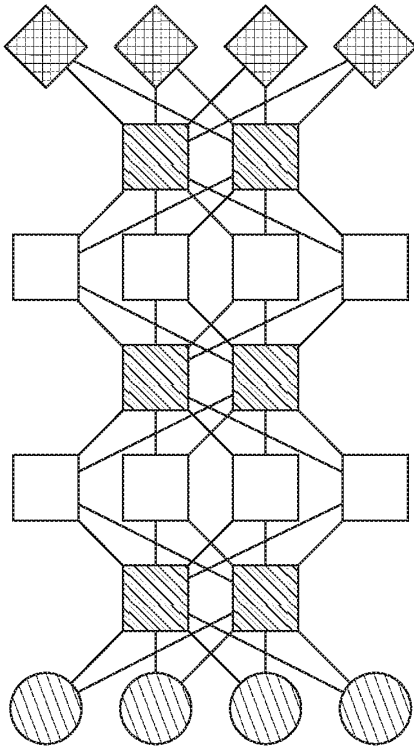


FIG. 37

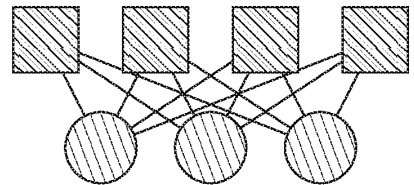


FIG. 38

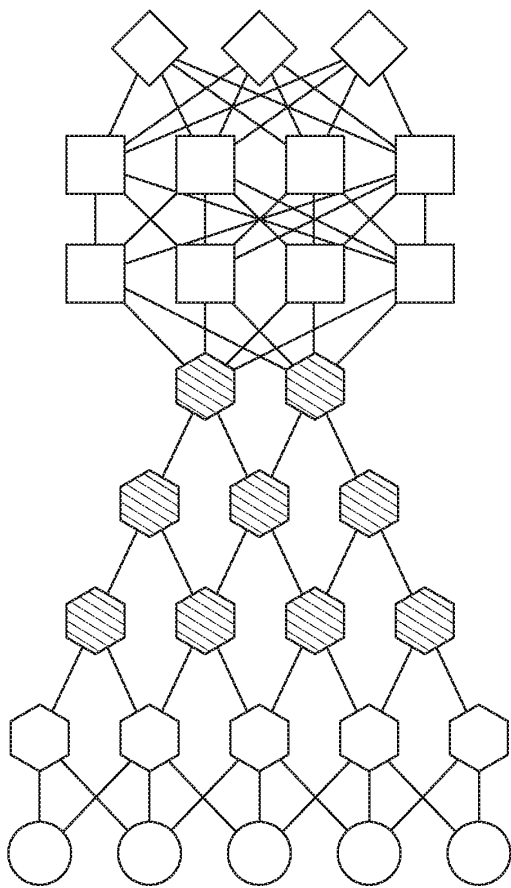


FIG. 39

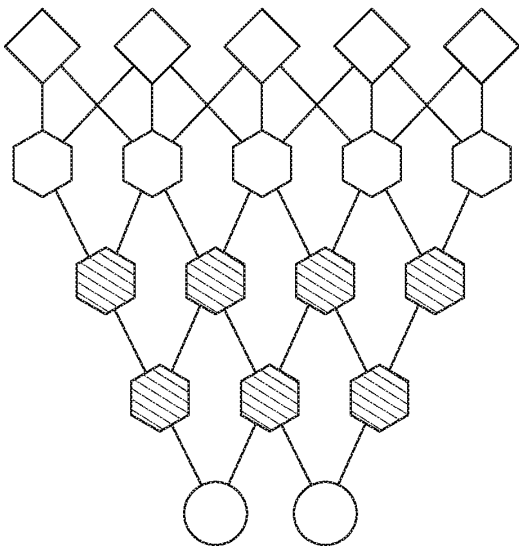
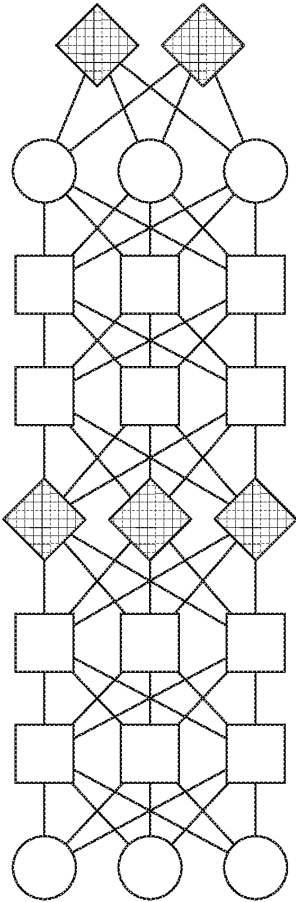
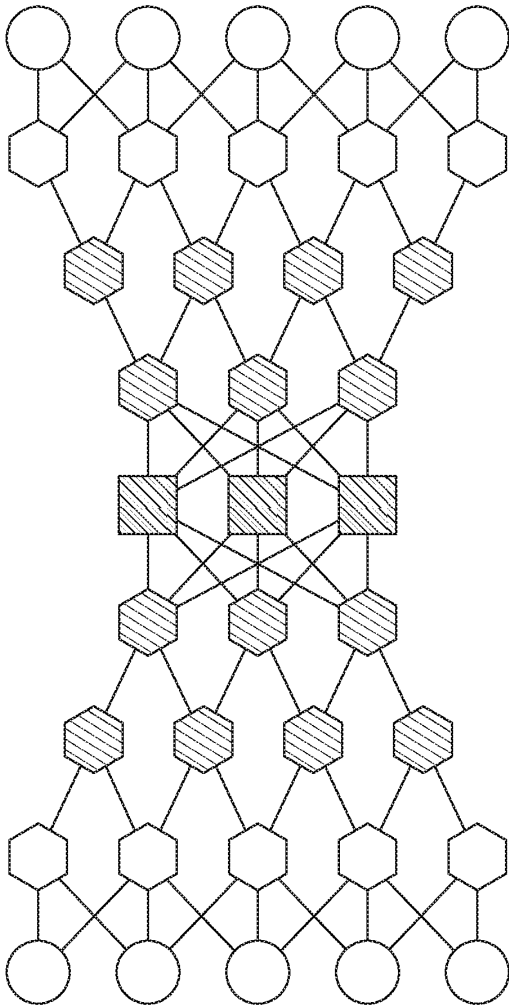


FIG. 40



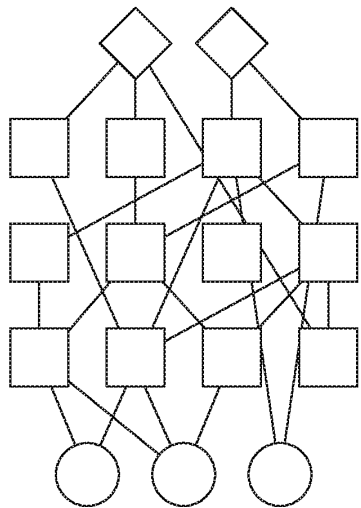


FIG. 44

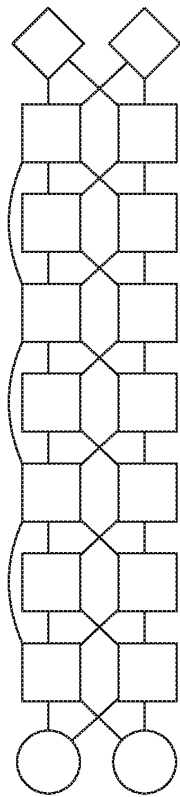


FIG. 46

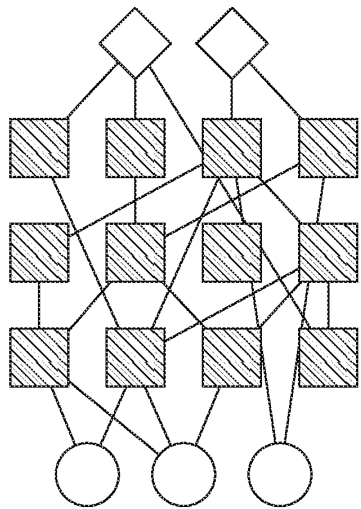


FIG. 43

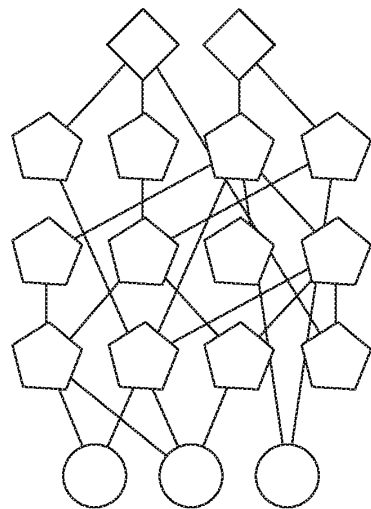


FIG. 45

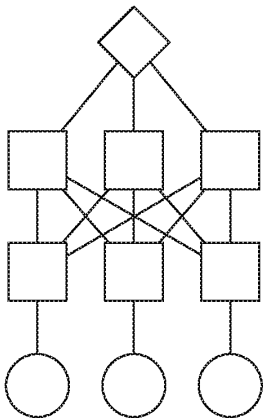


FIG. 48

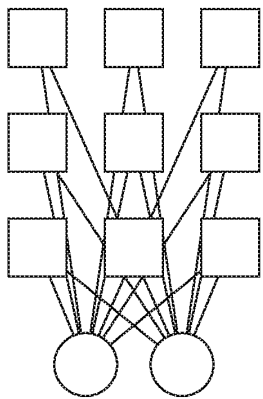


FIG. 47

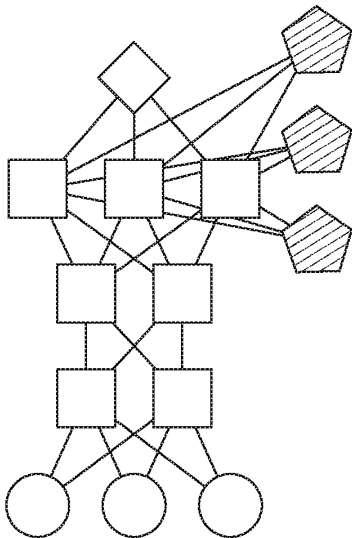


FIG. 49

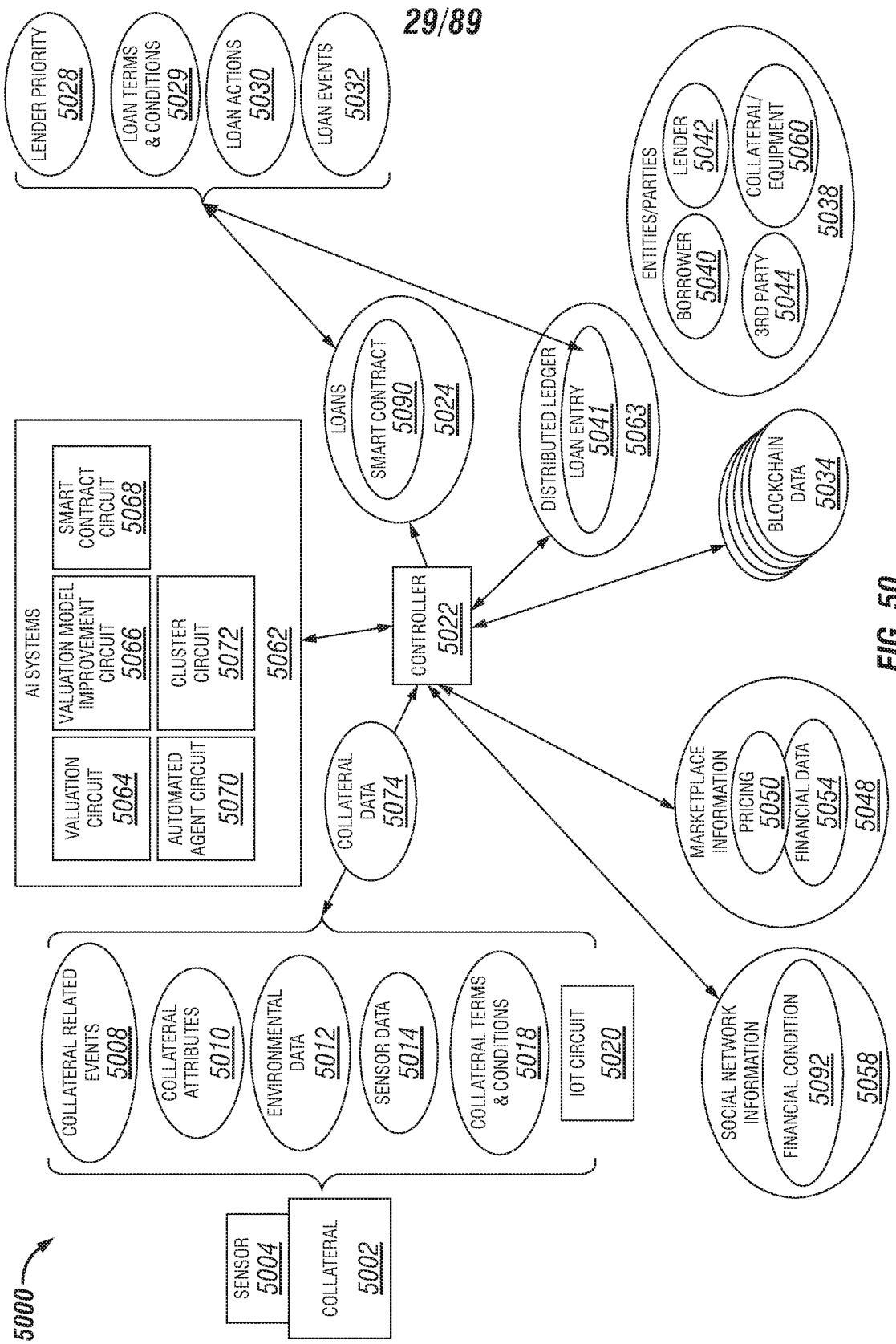


FIG. 50

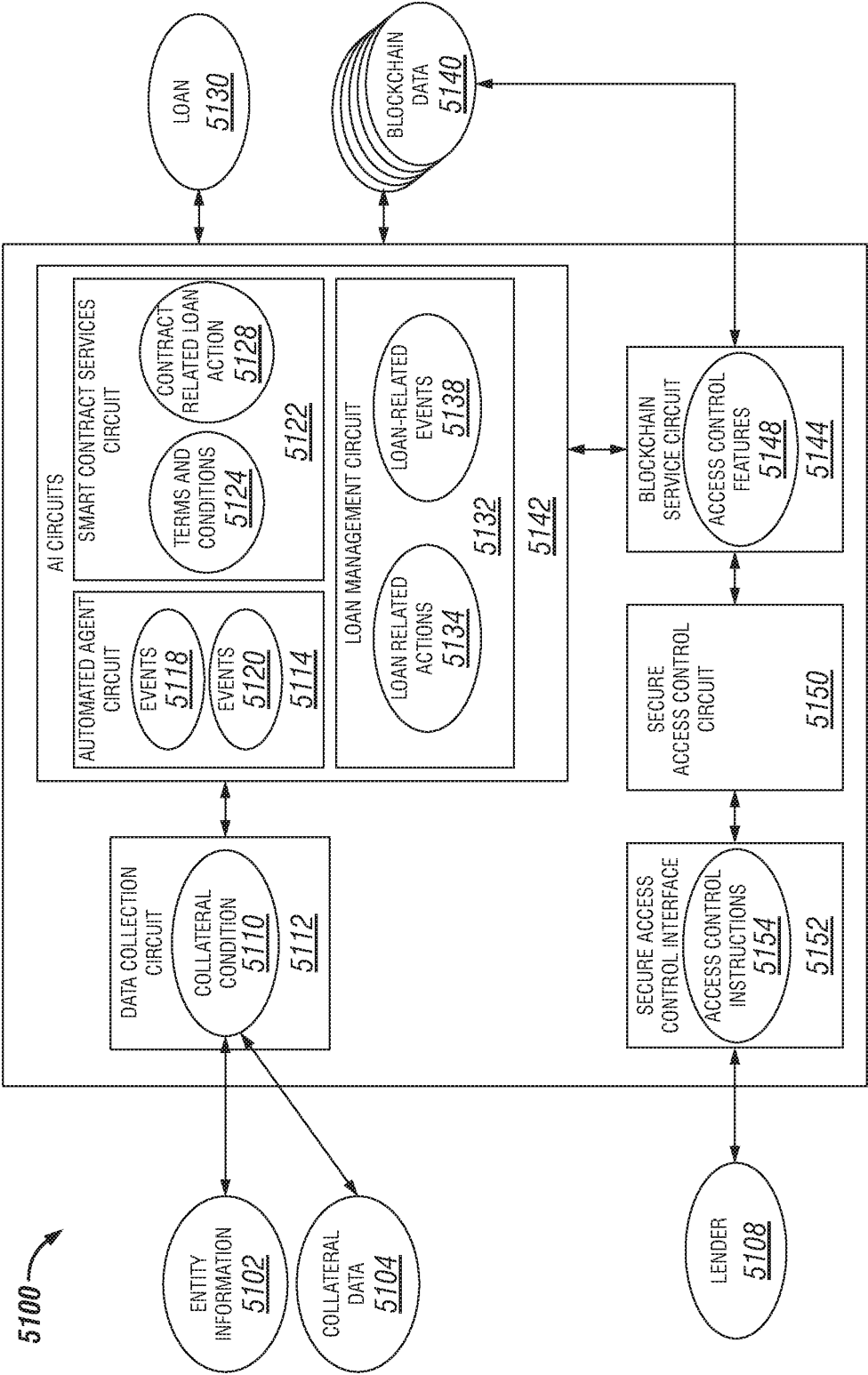


FIG. 51

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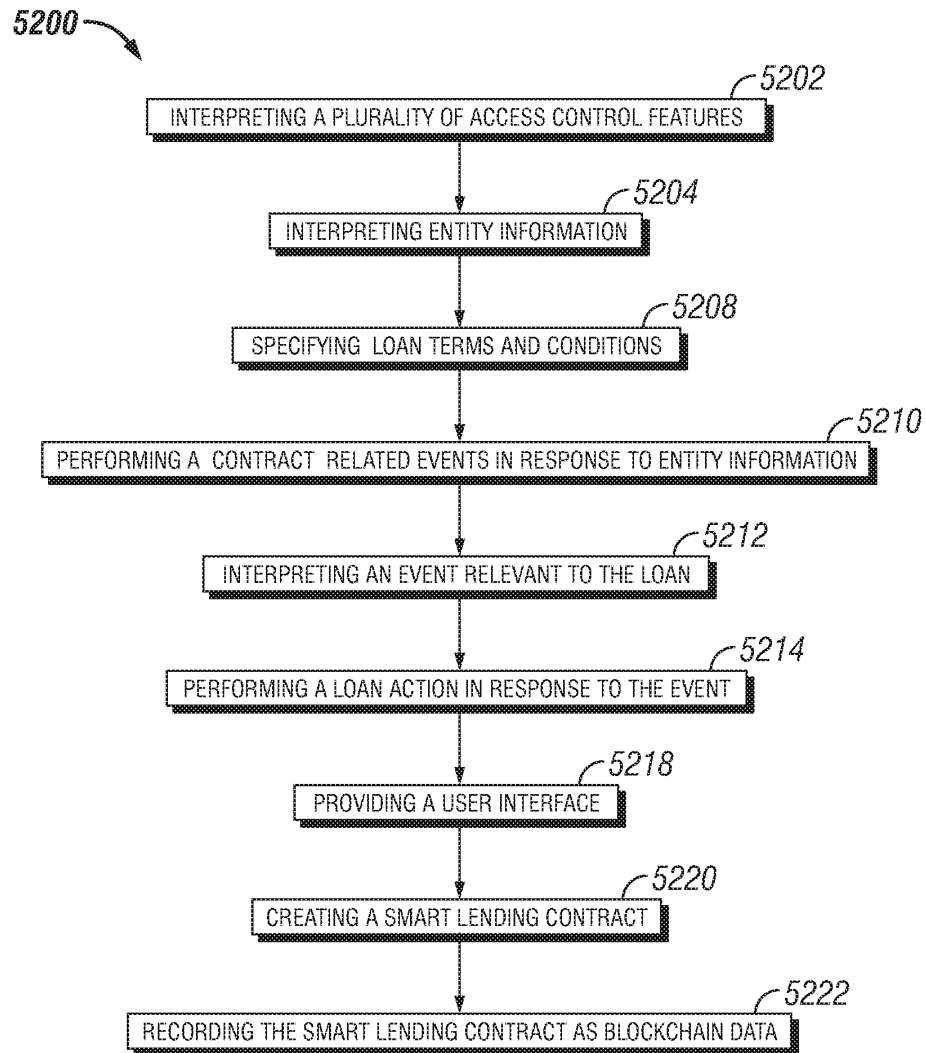


FIG. 52

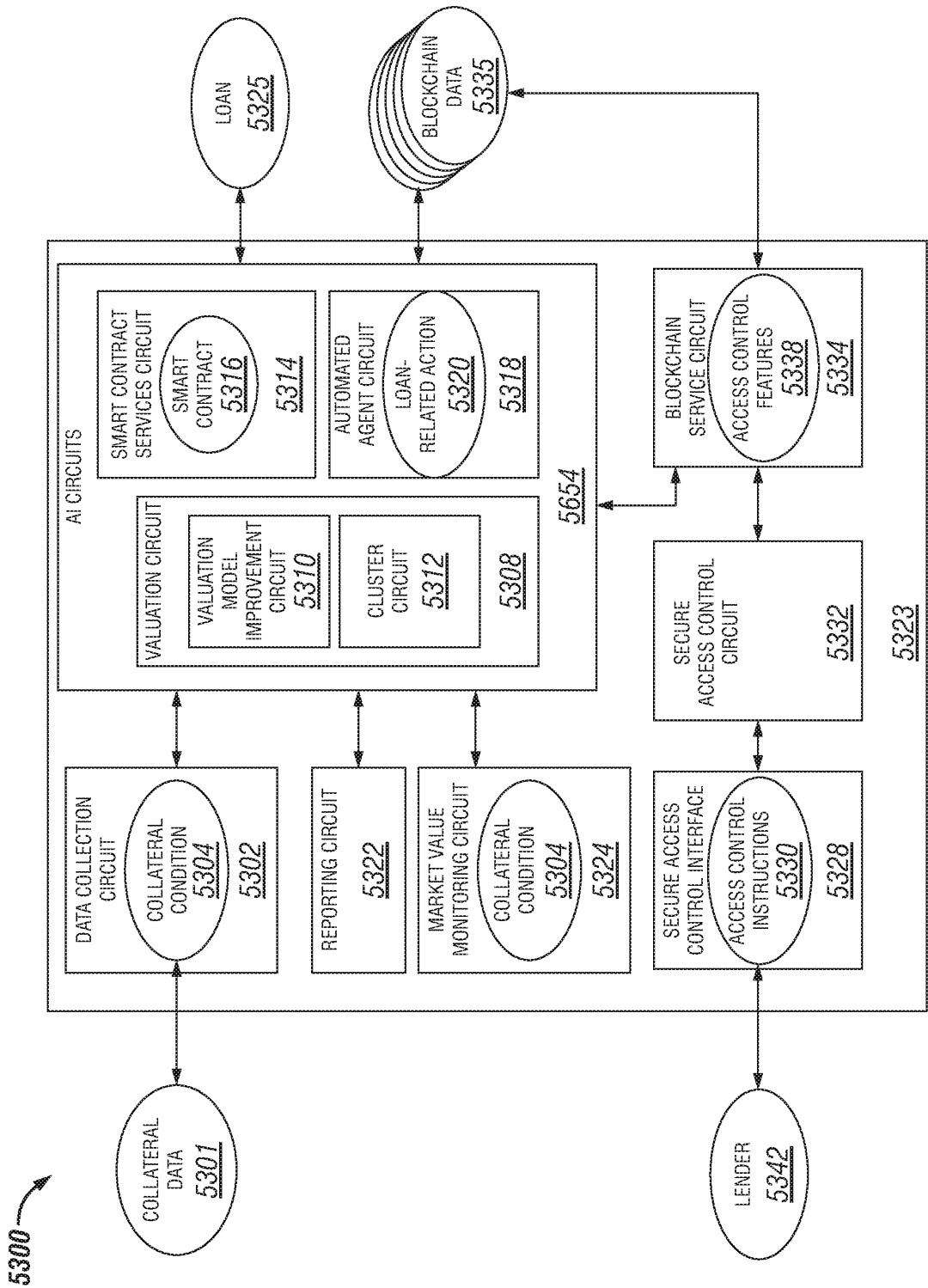


FIG. 53

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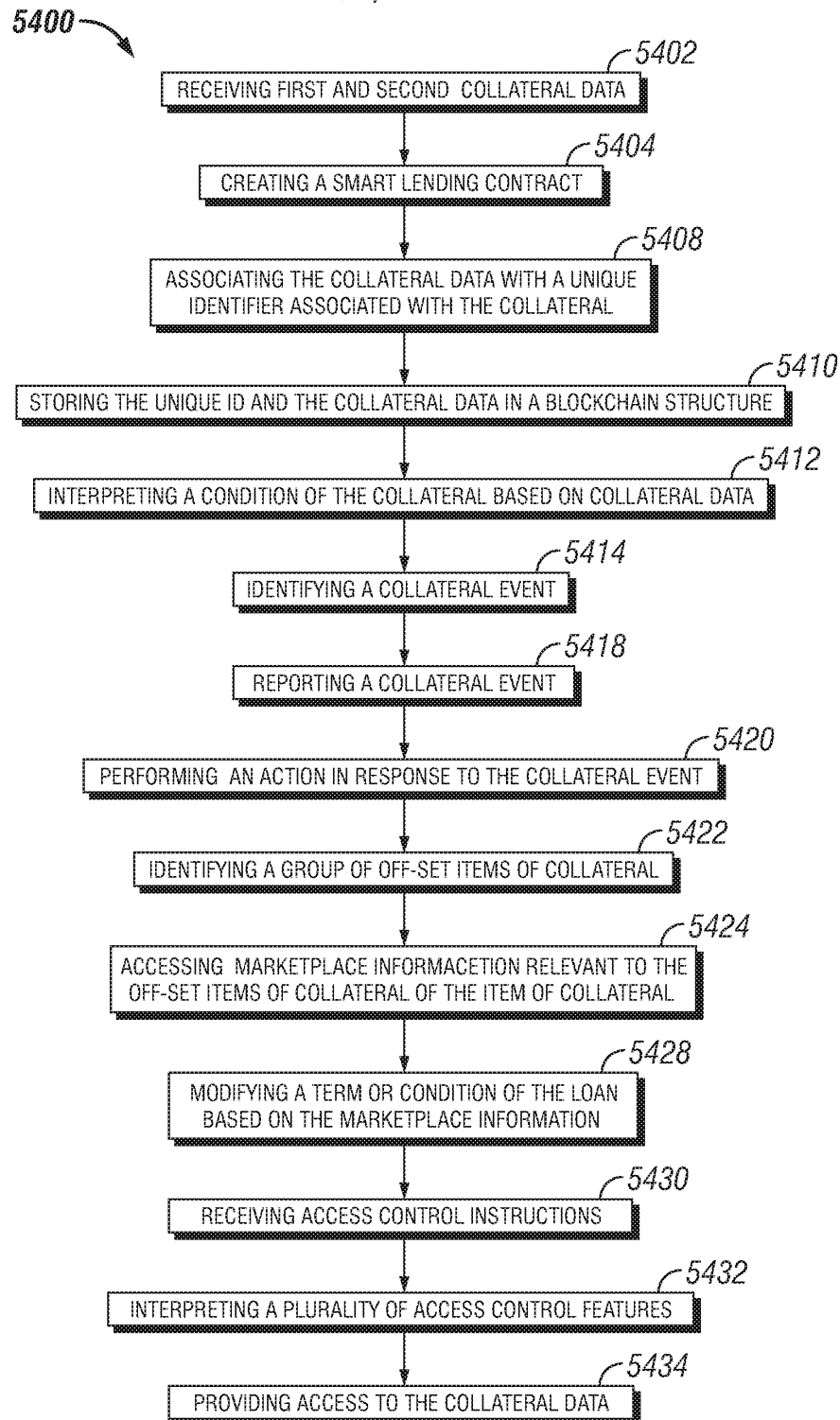


FIG. 54

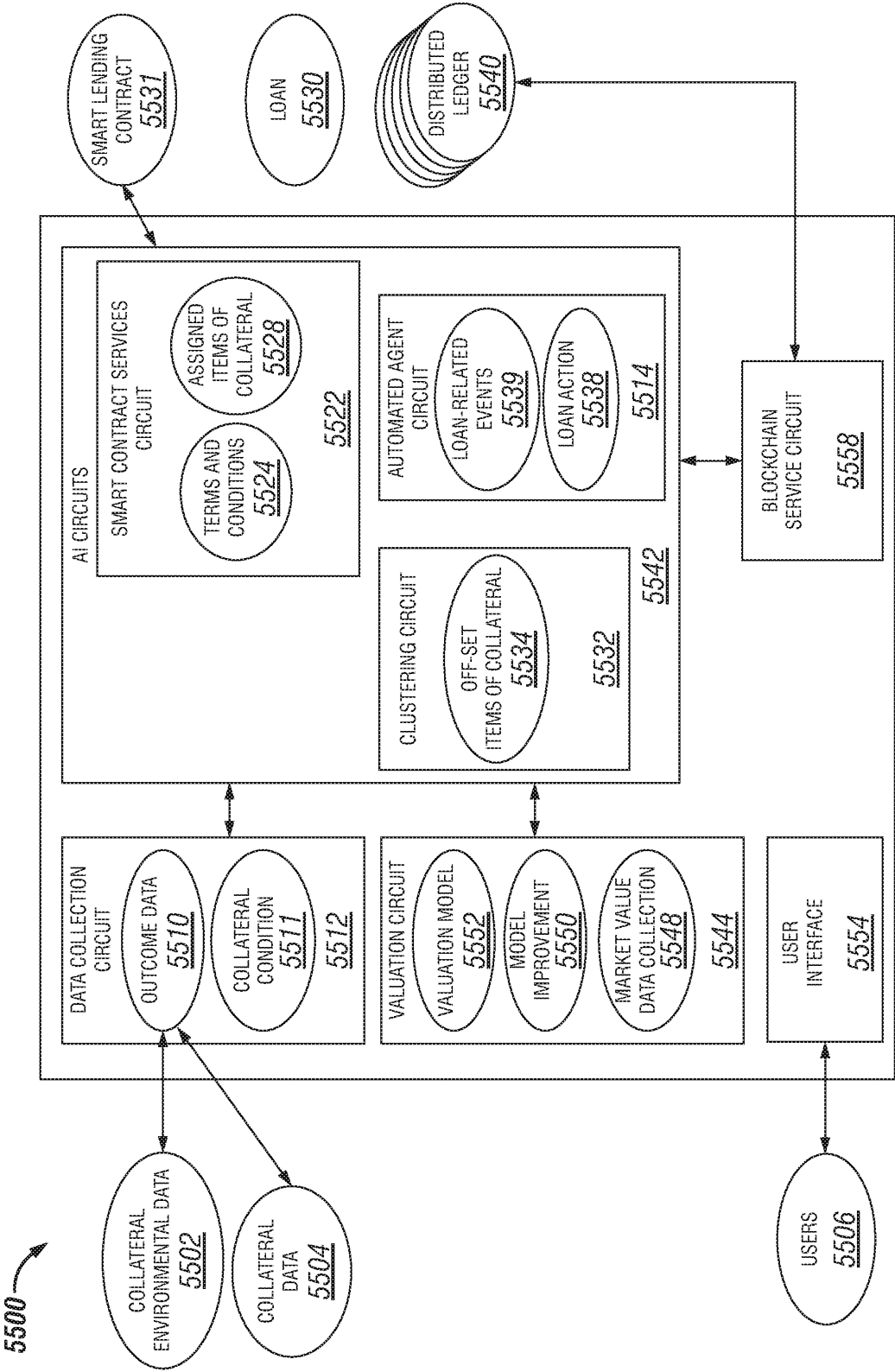


FIG. 55

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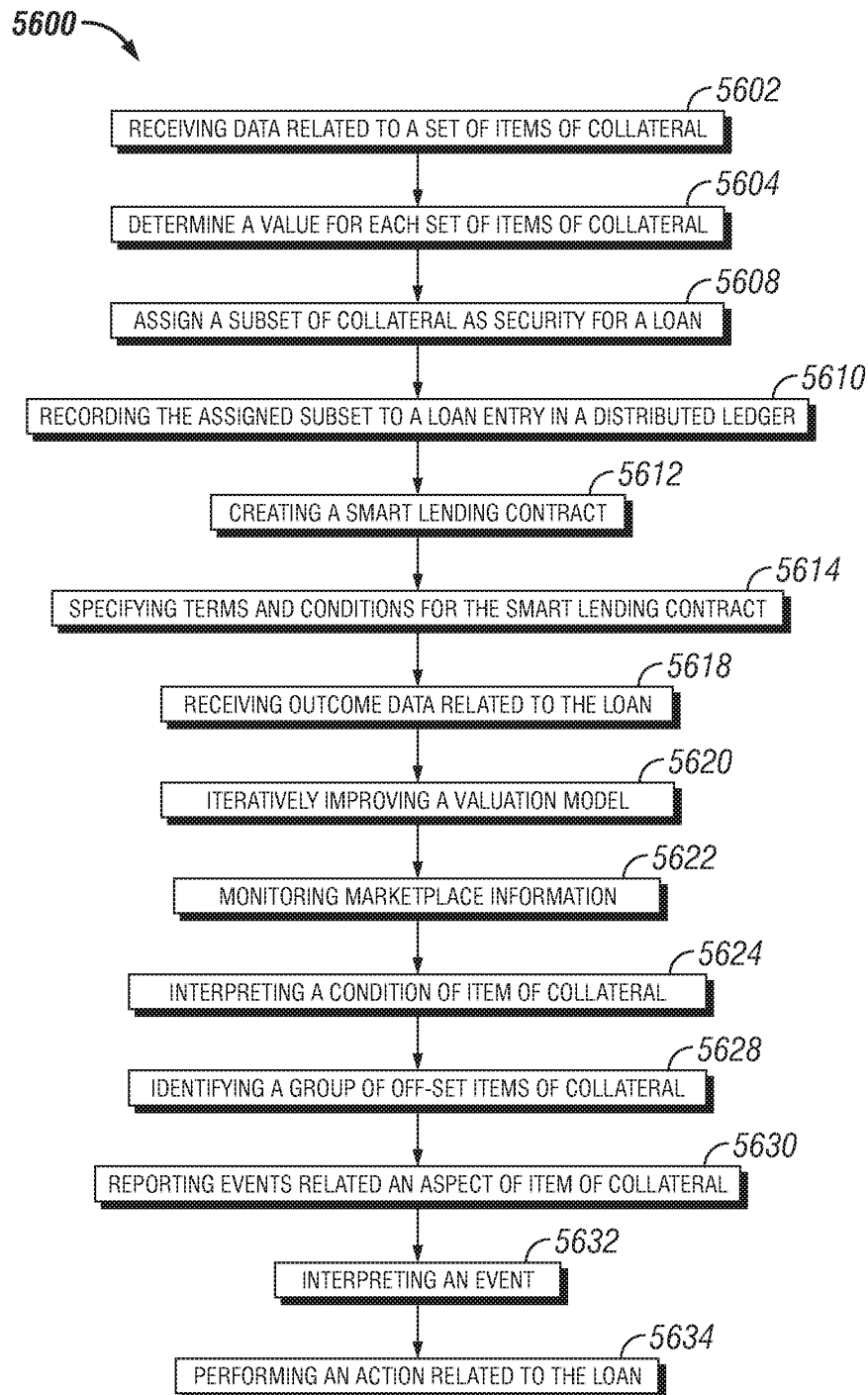
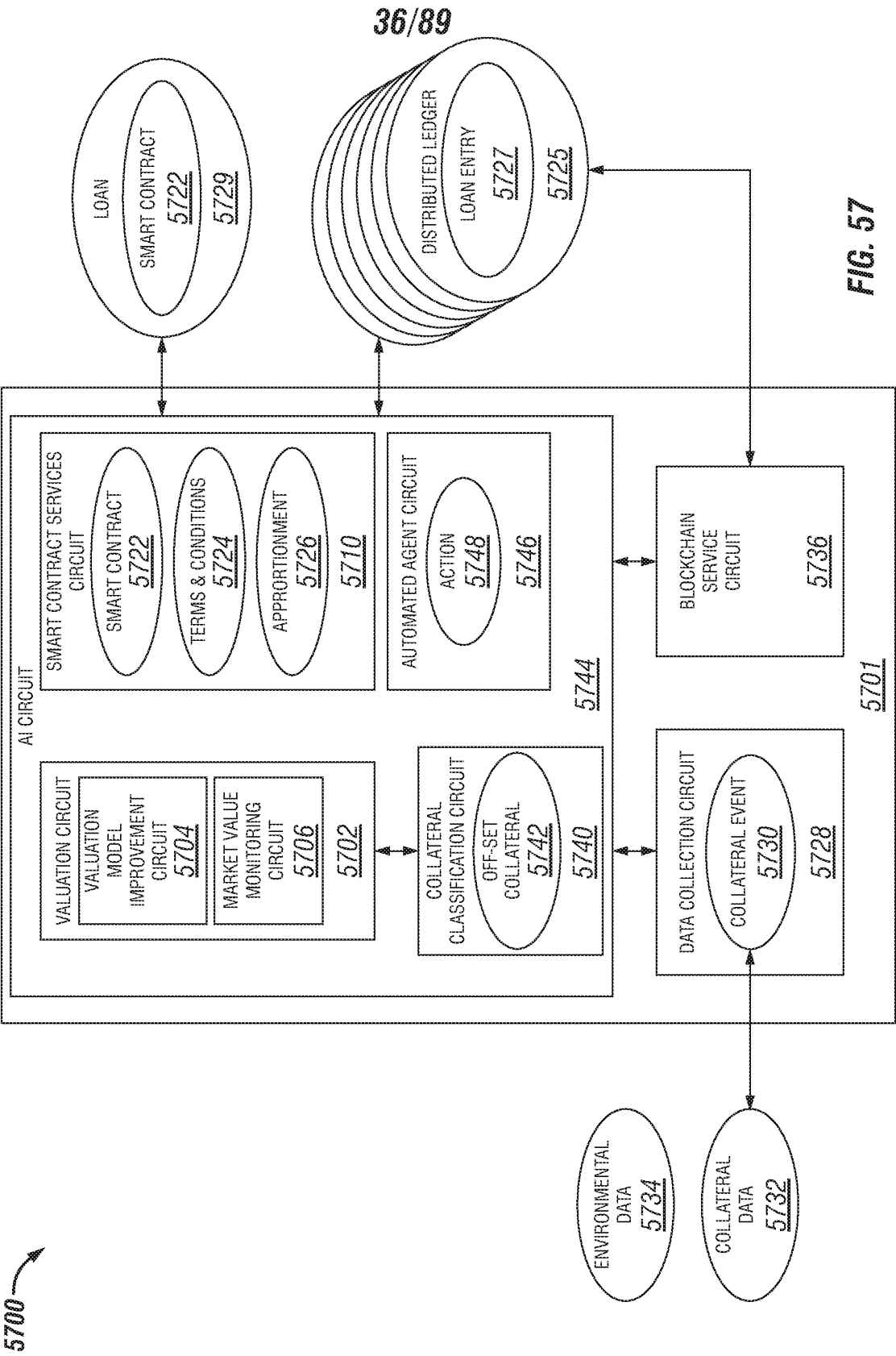
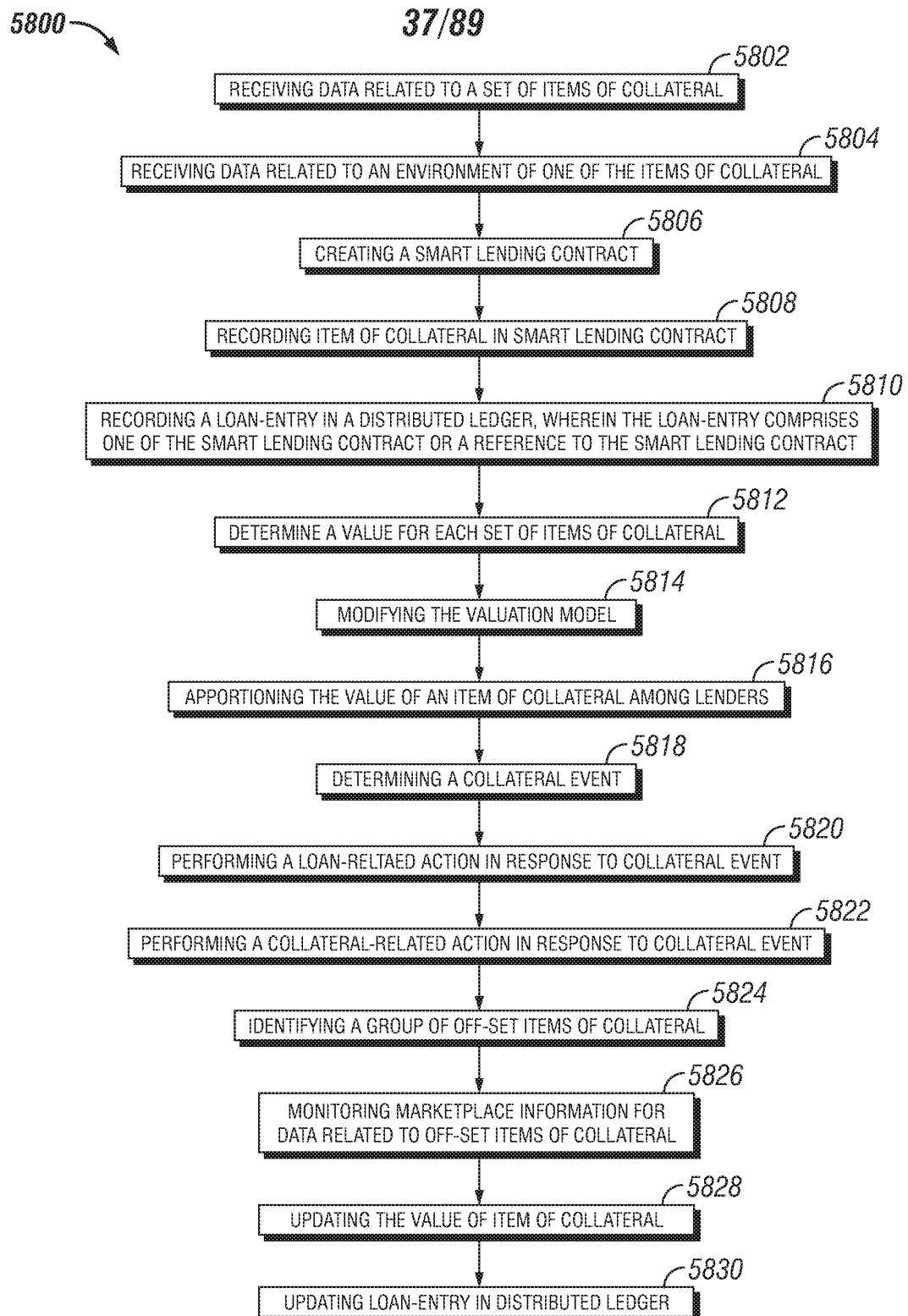


FIG. 56



**FIG. 58**

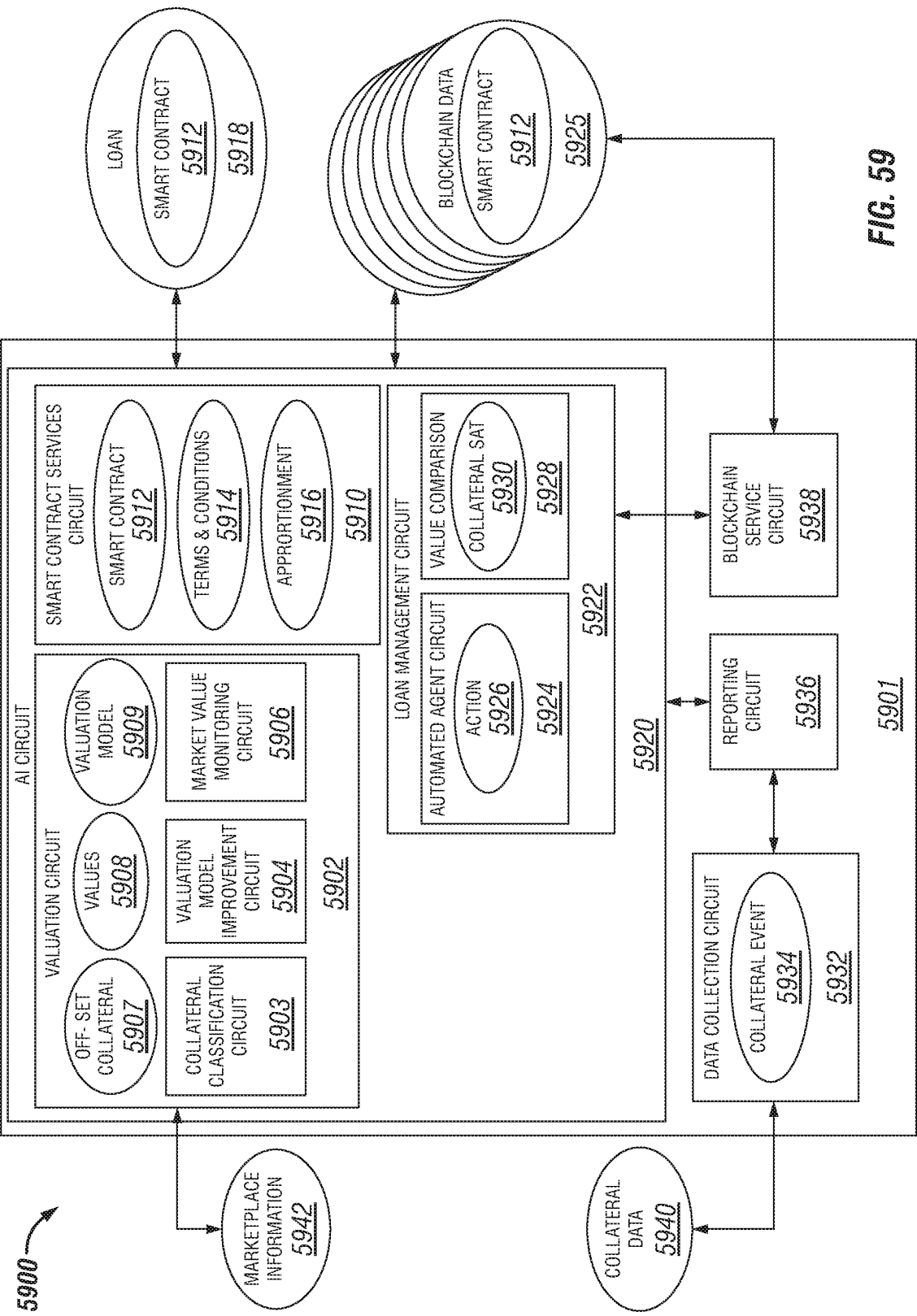


FIG. 59

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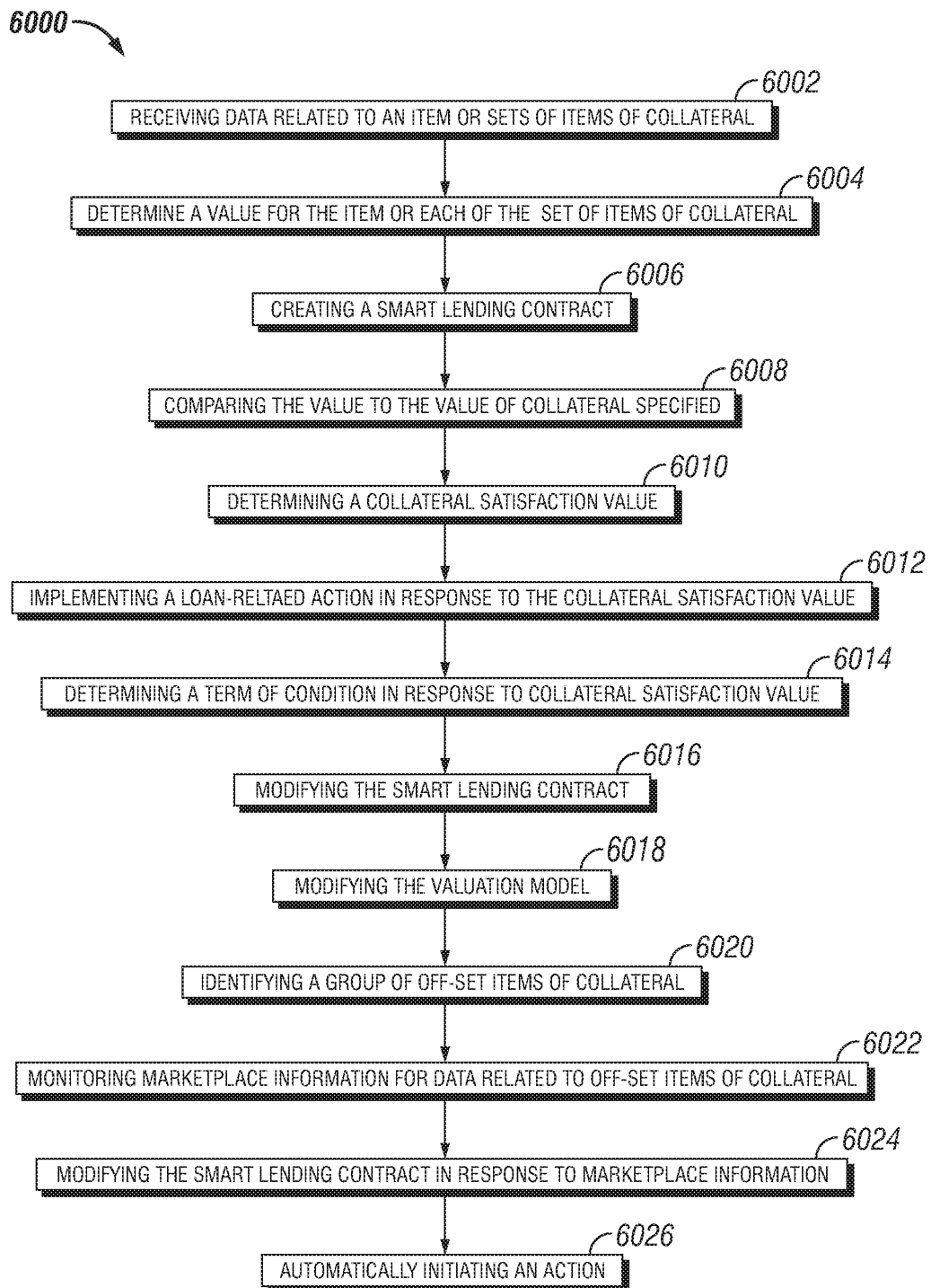


FIG. 60

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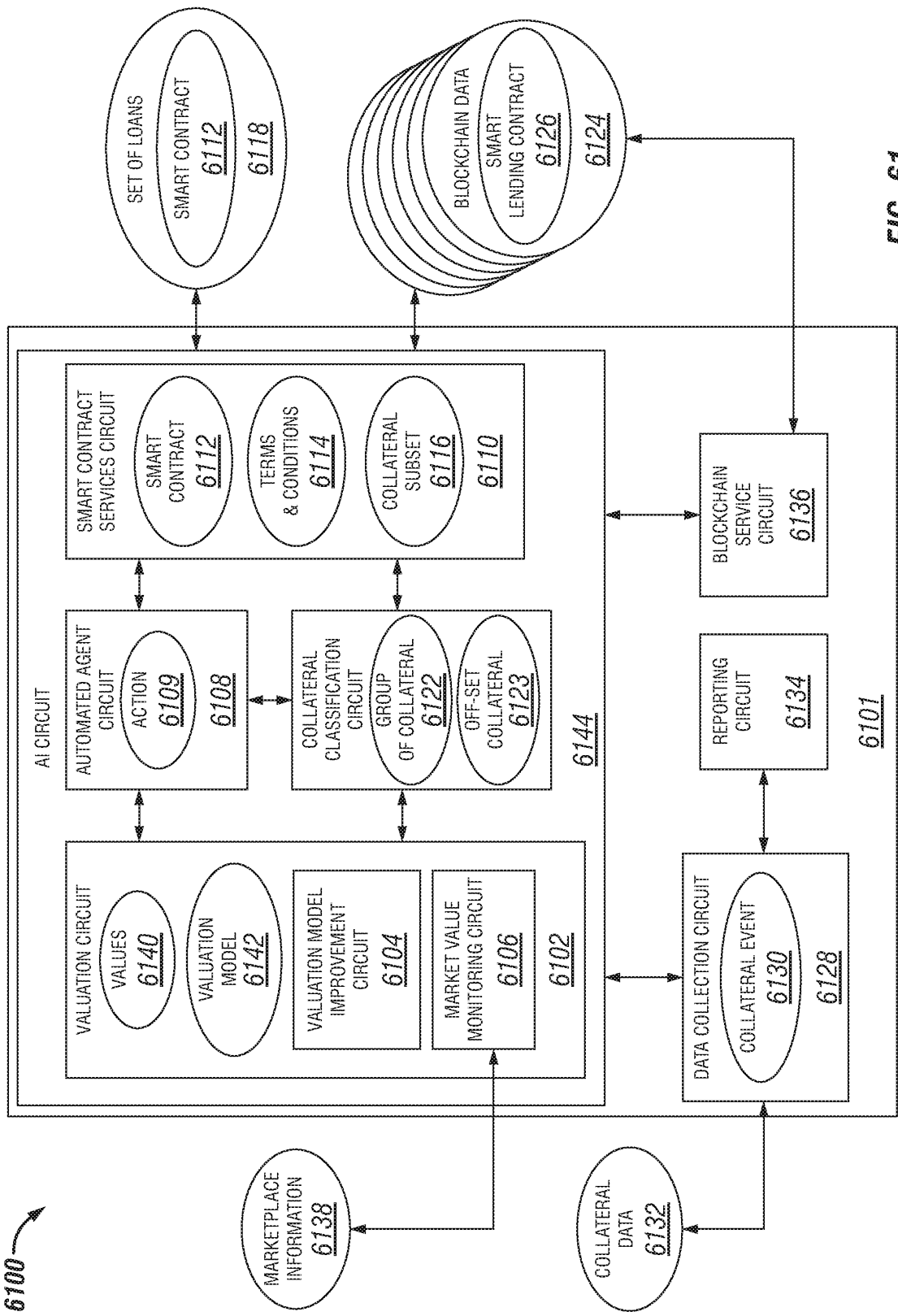


FIG. 61

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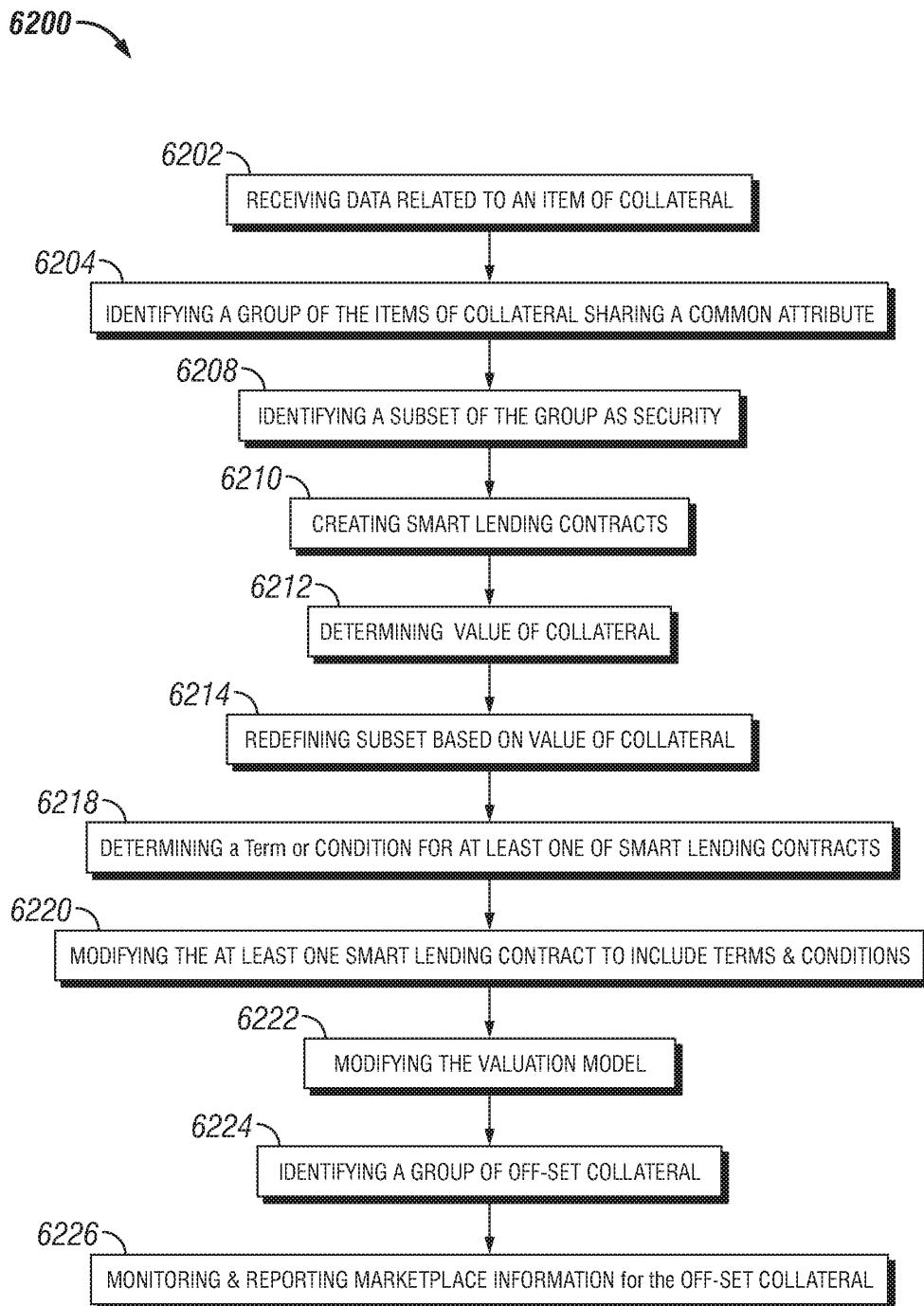


FIG. 62

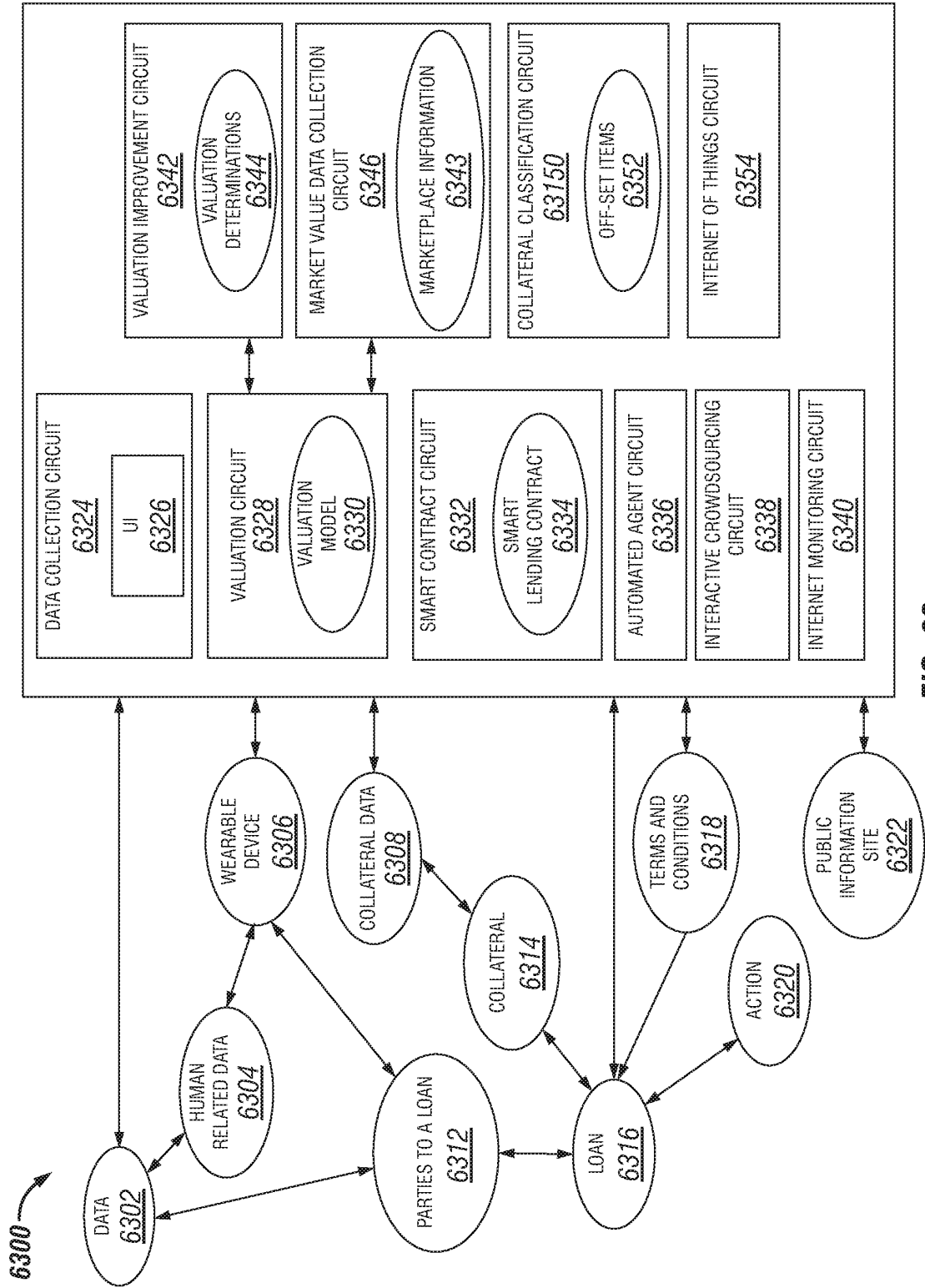
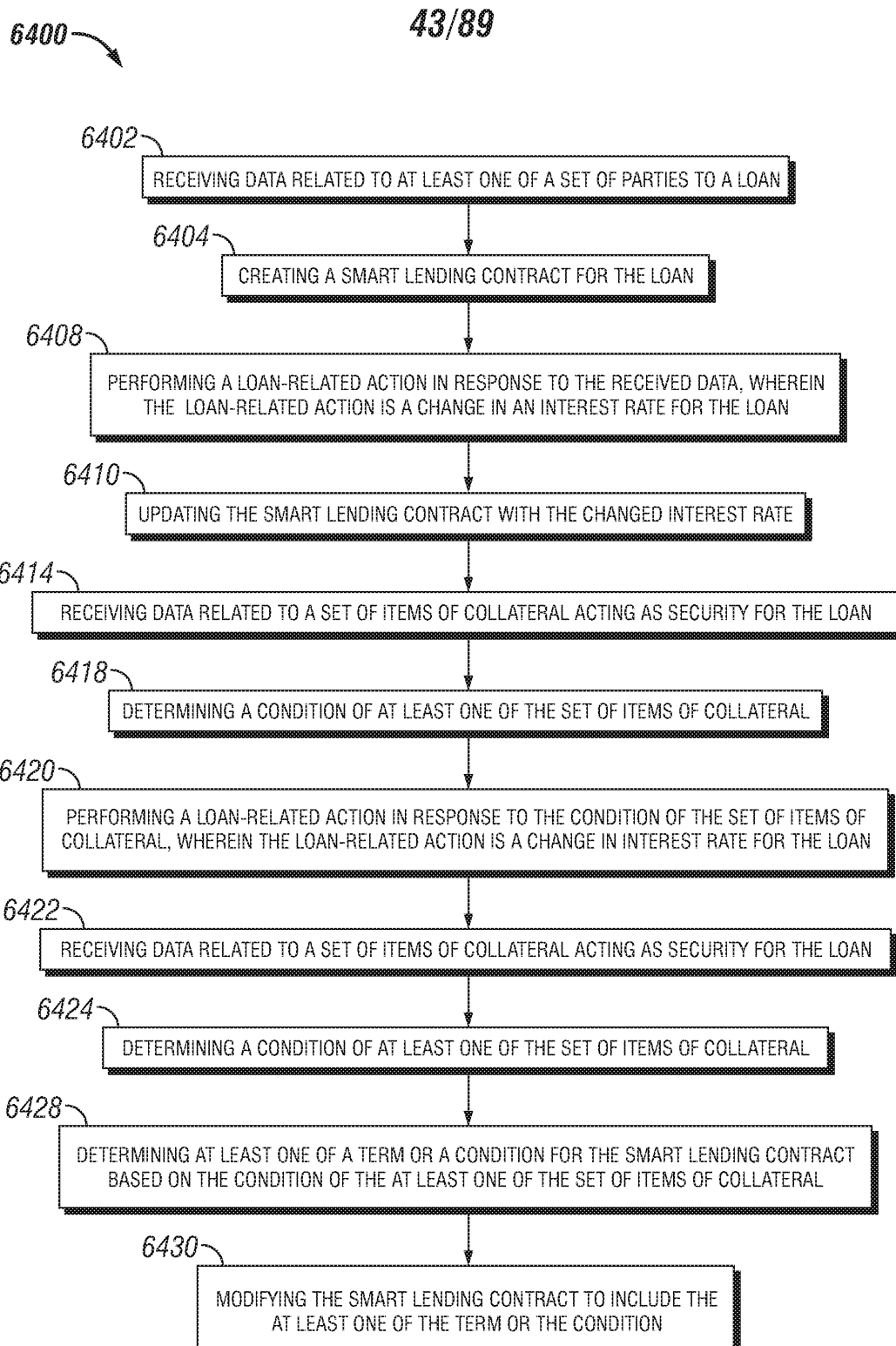


FIG. 63

**FIG. 64**

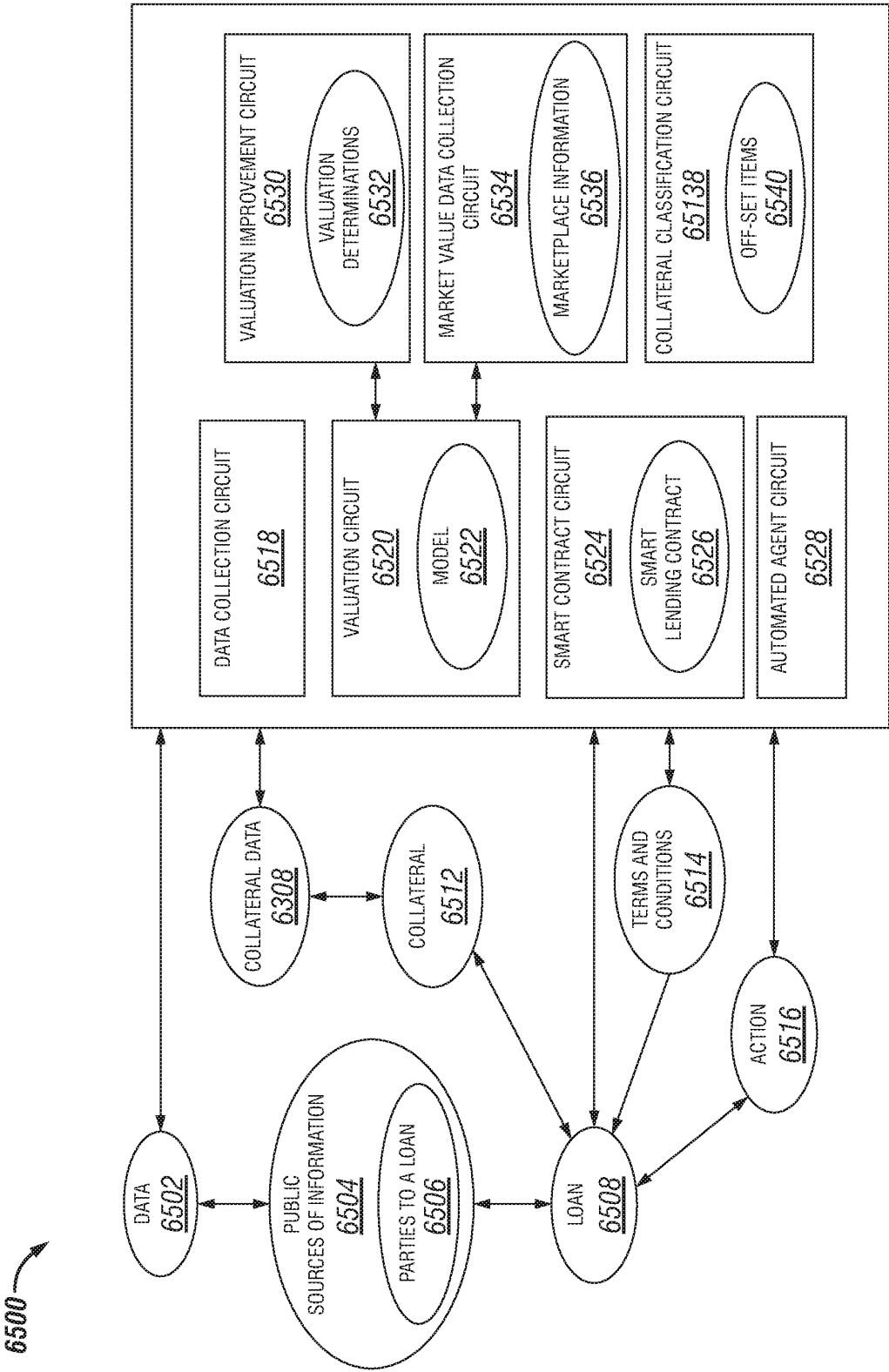
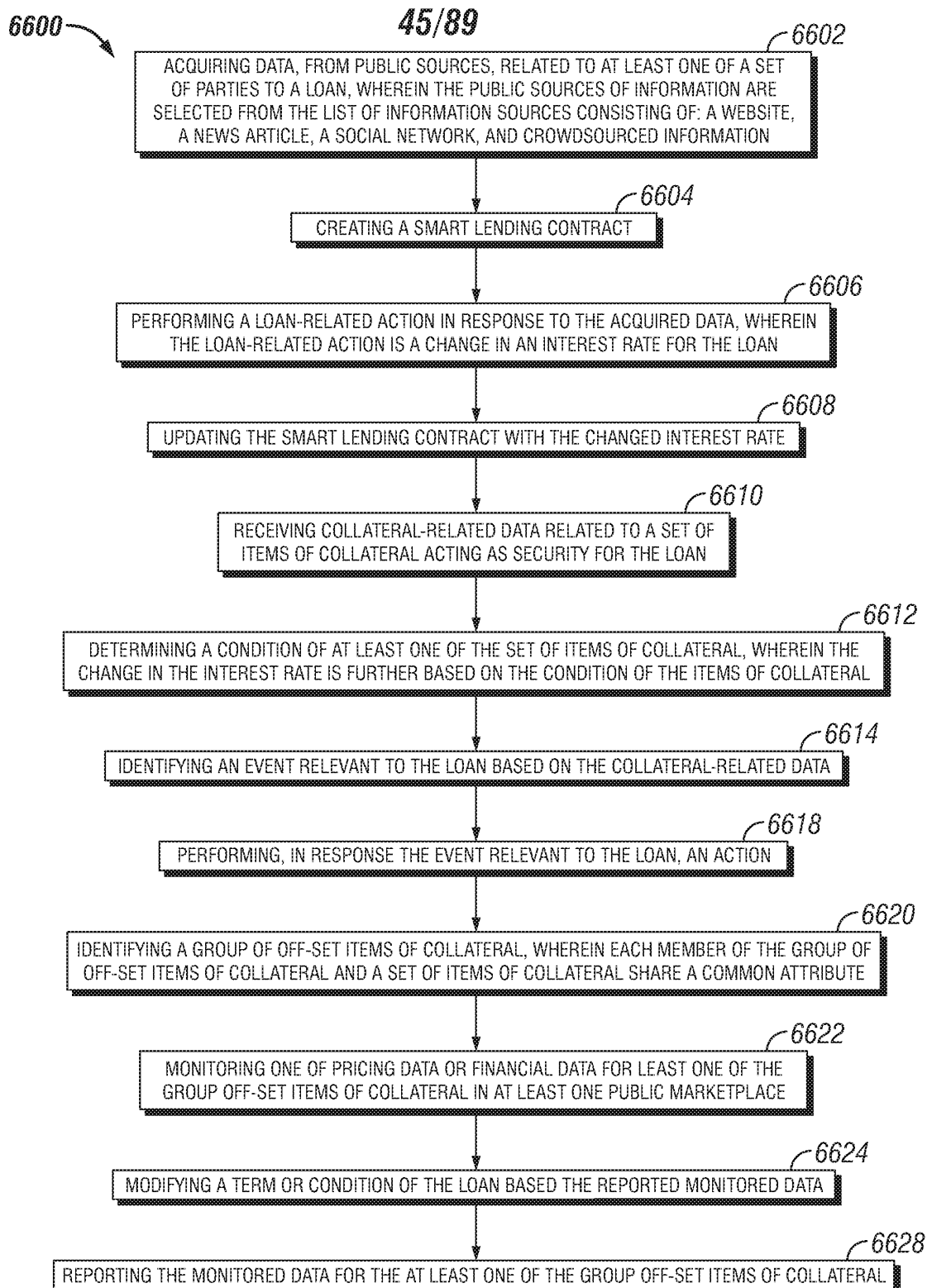


FIG. 65

**FIG. 66**

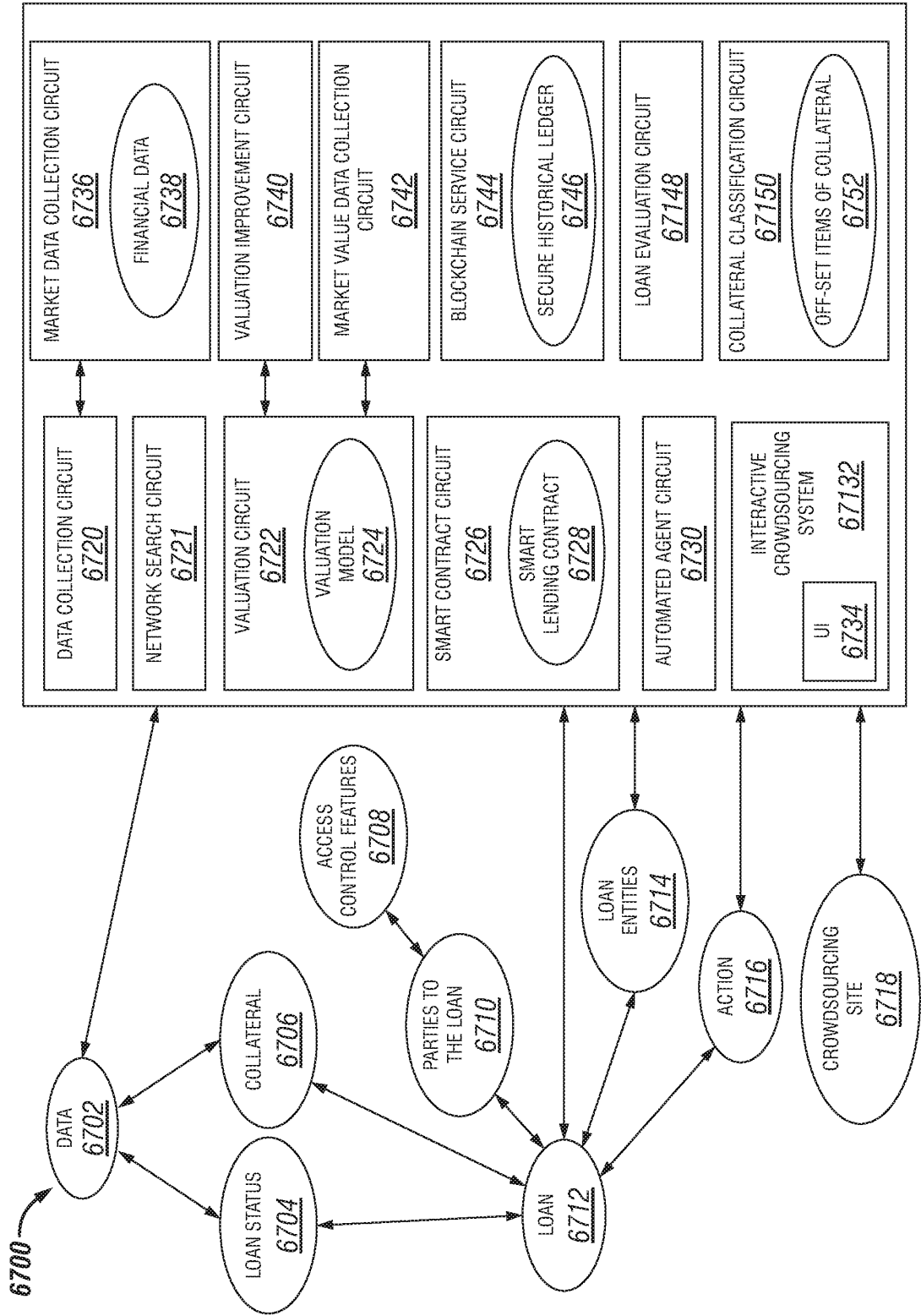


FIG. 67

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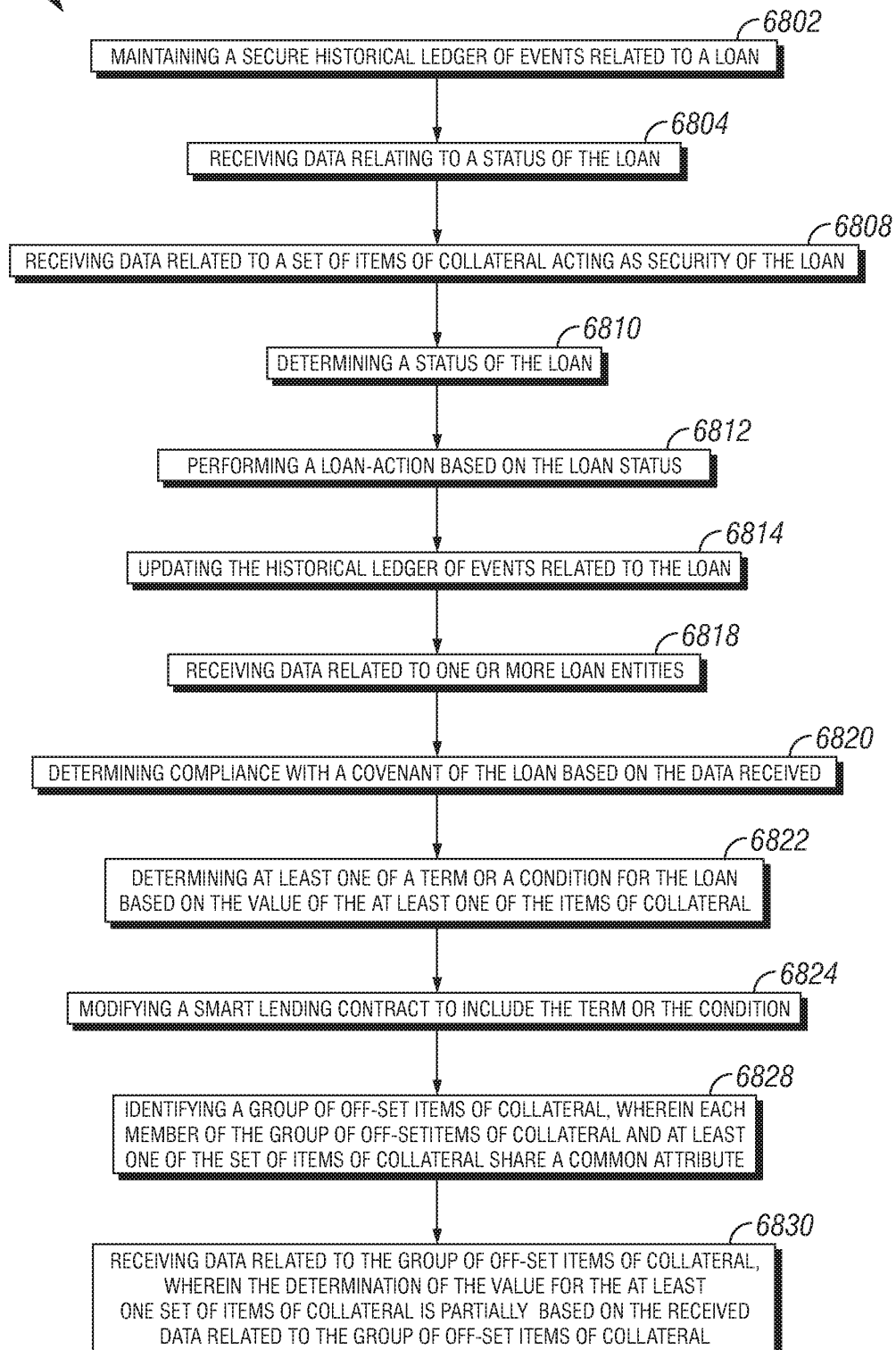


FIG. 68

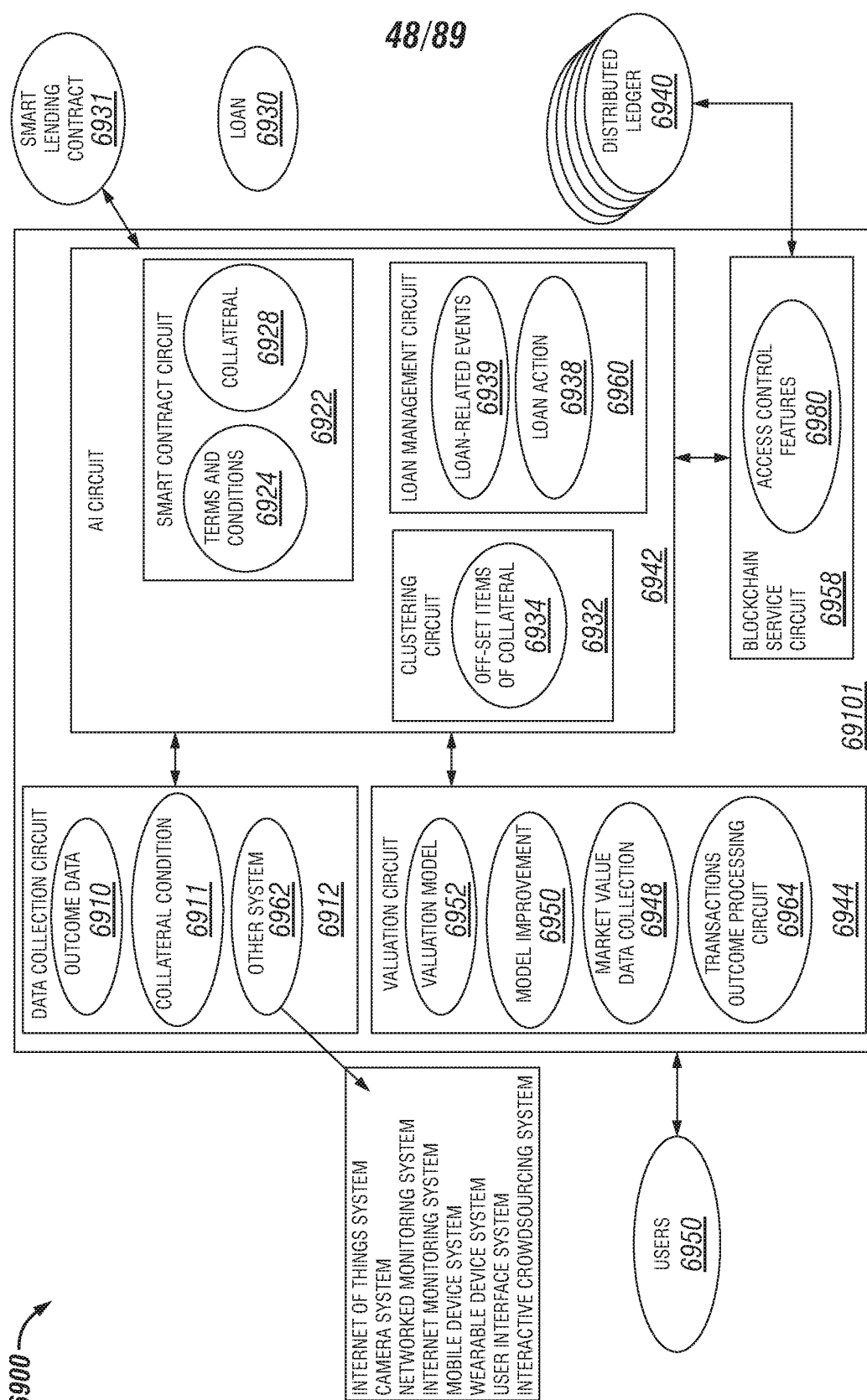


FIG. 69

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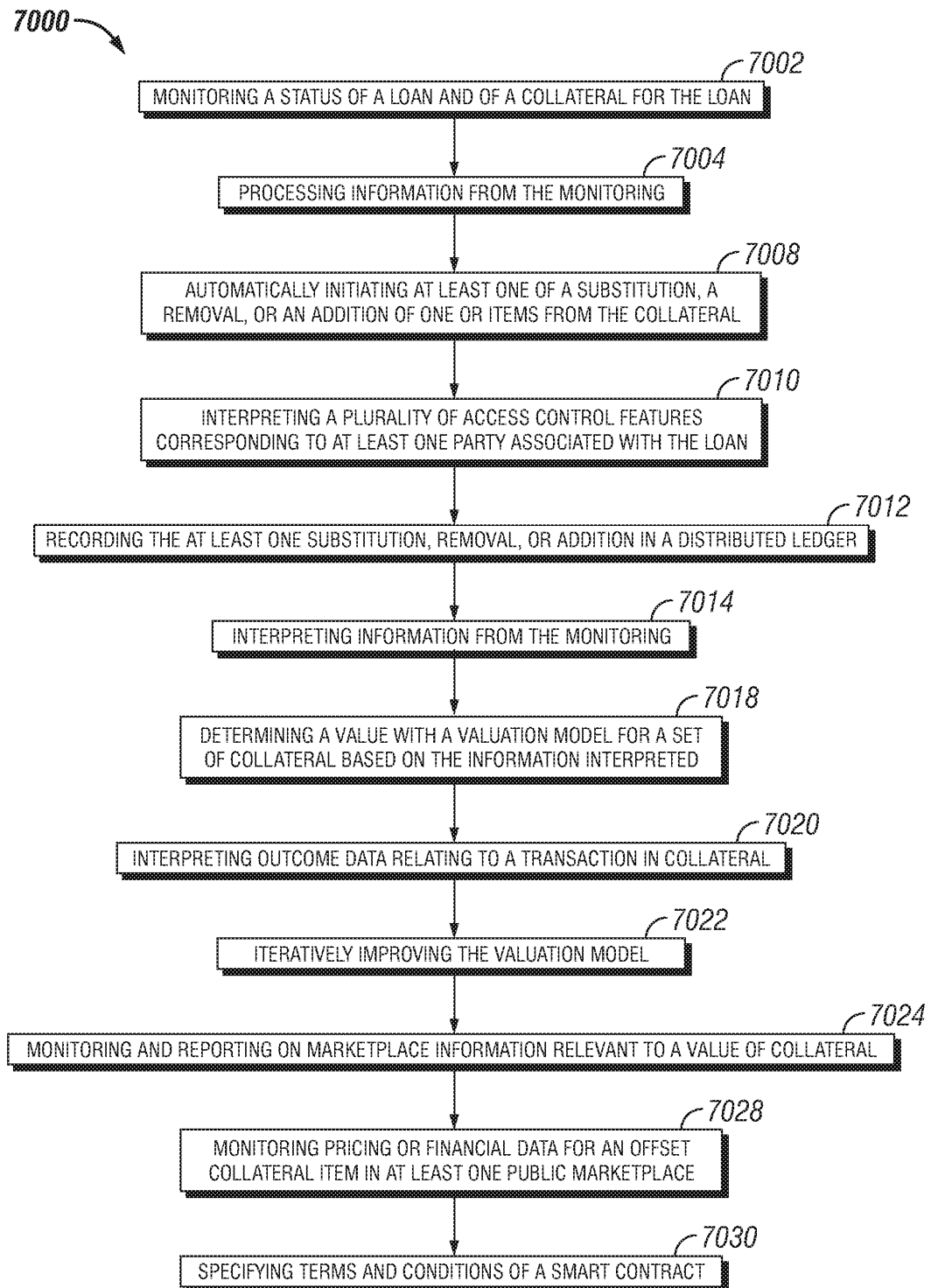


FIG. 70

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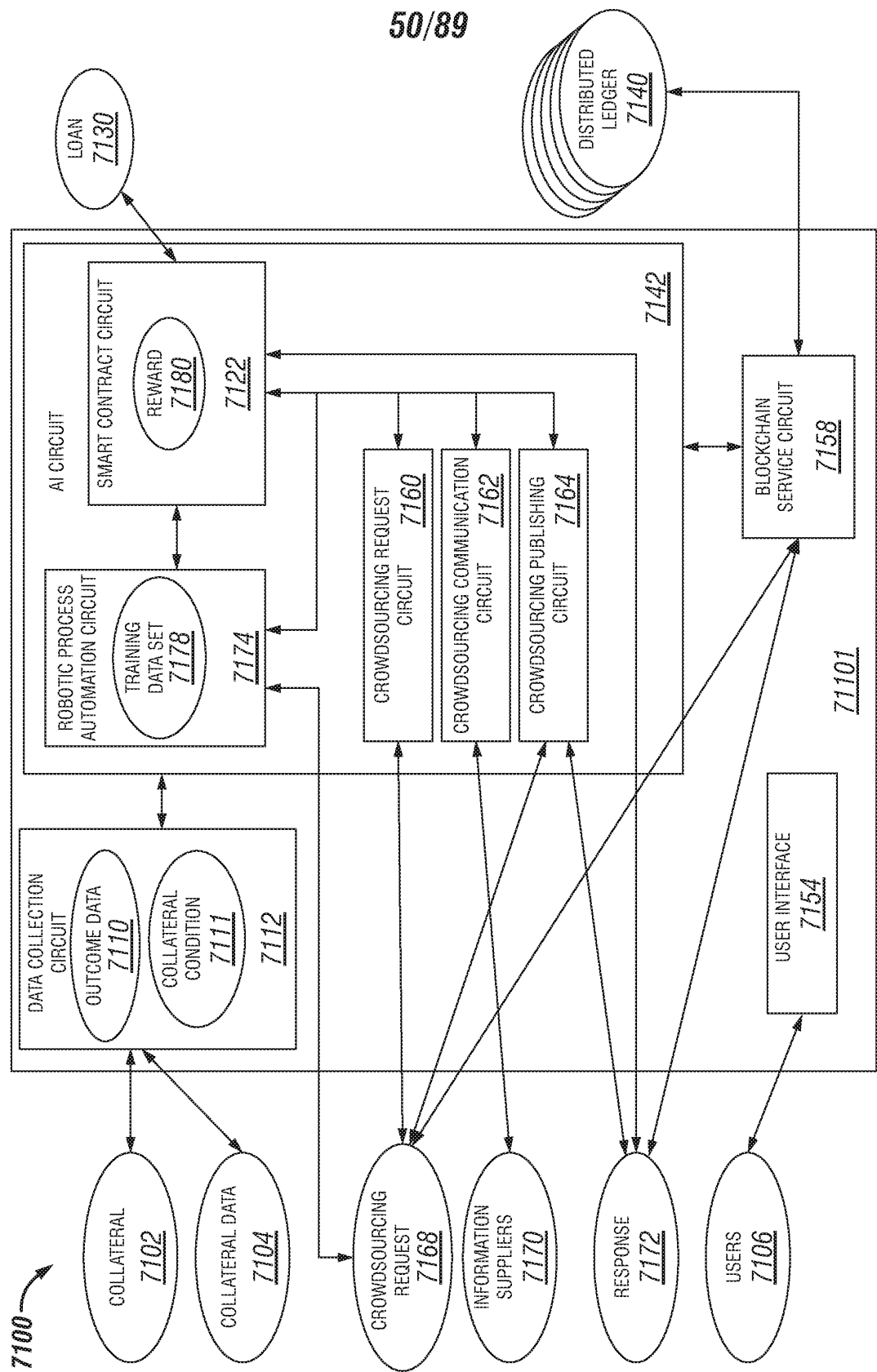


FIG. 71

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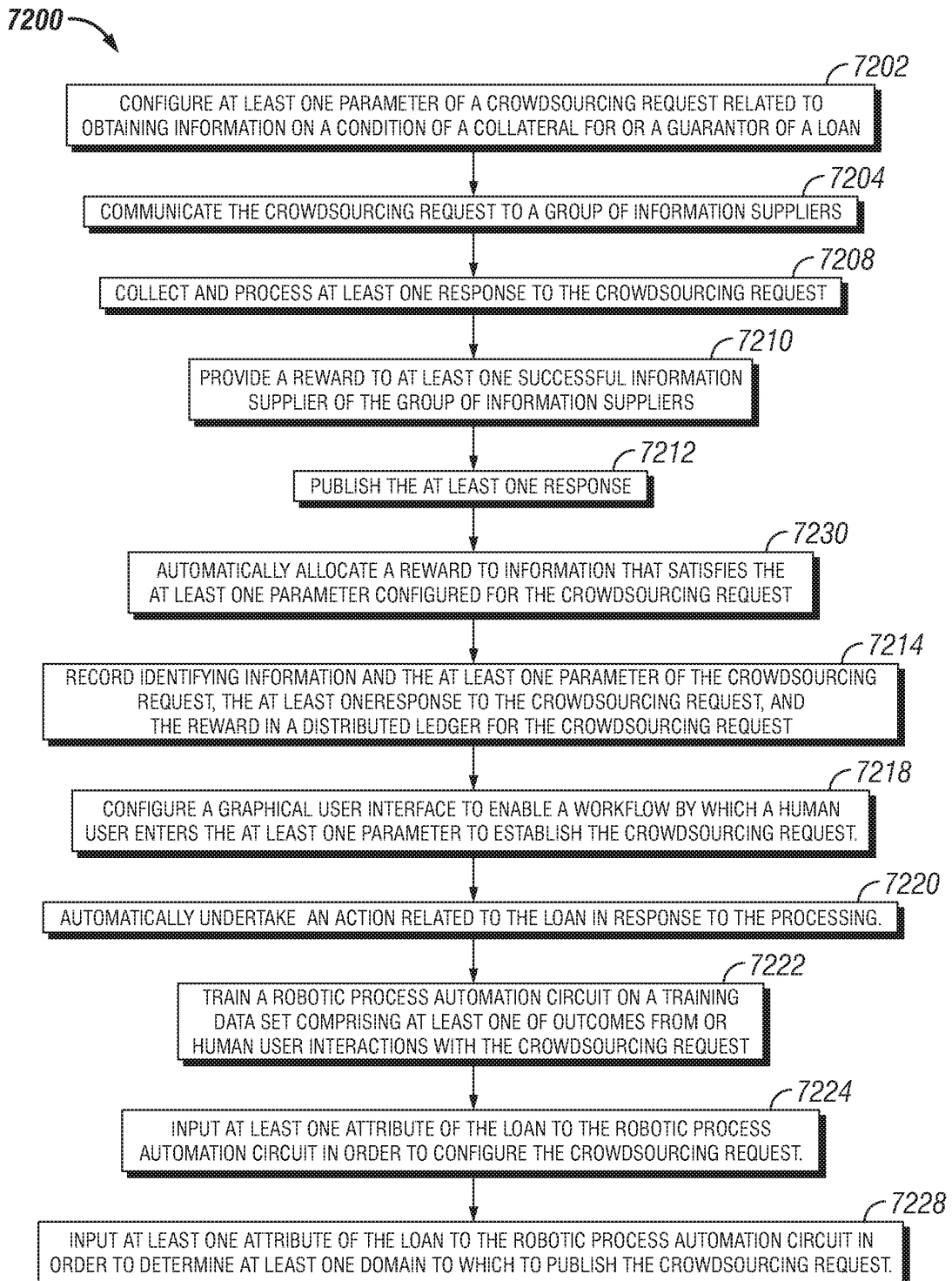


FIG. 72

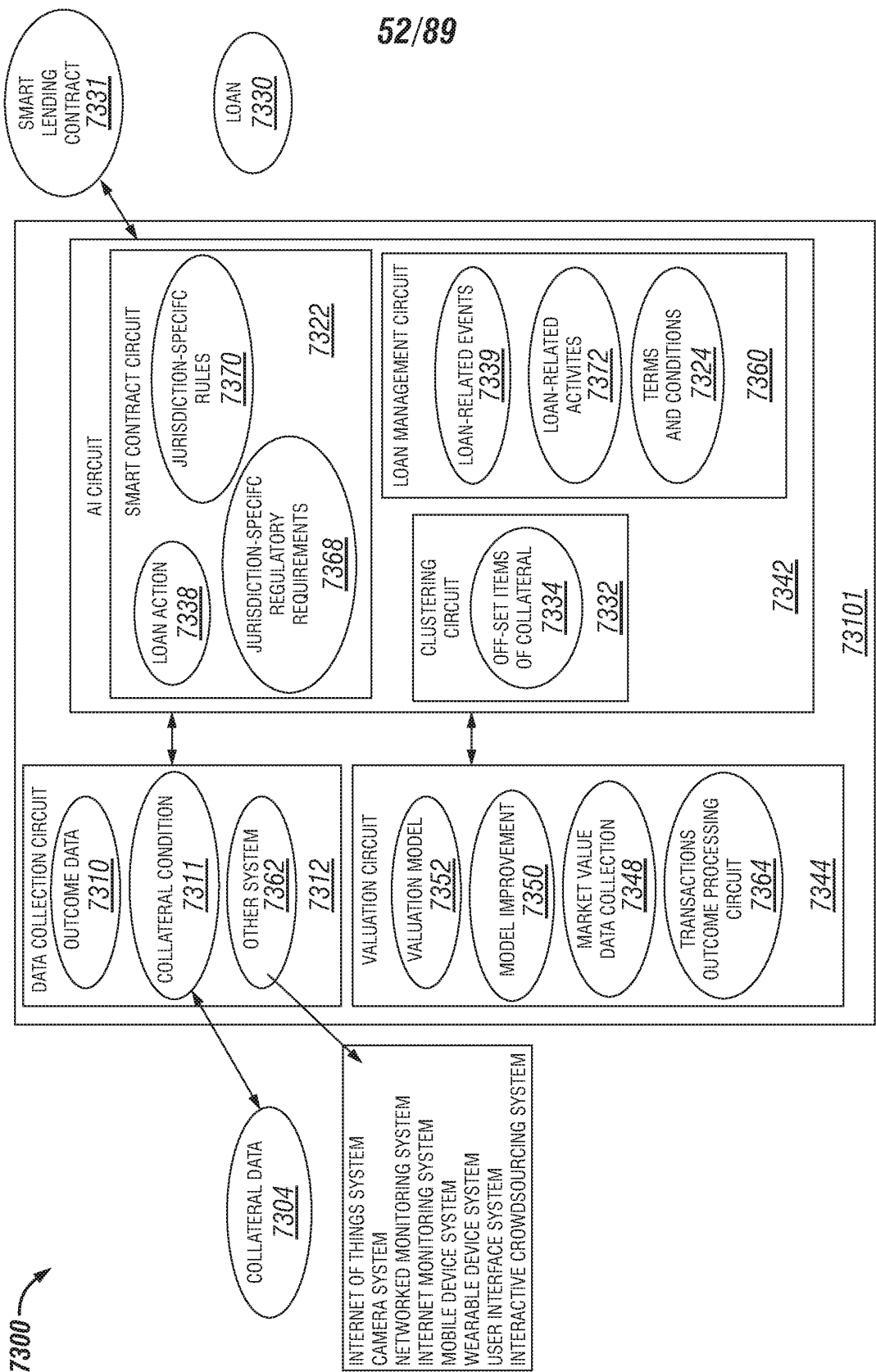


FIG. 73

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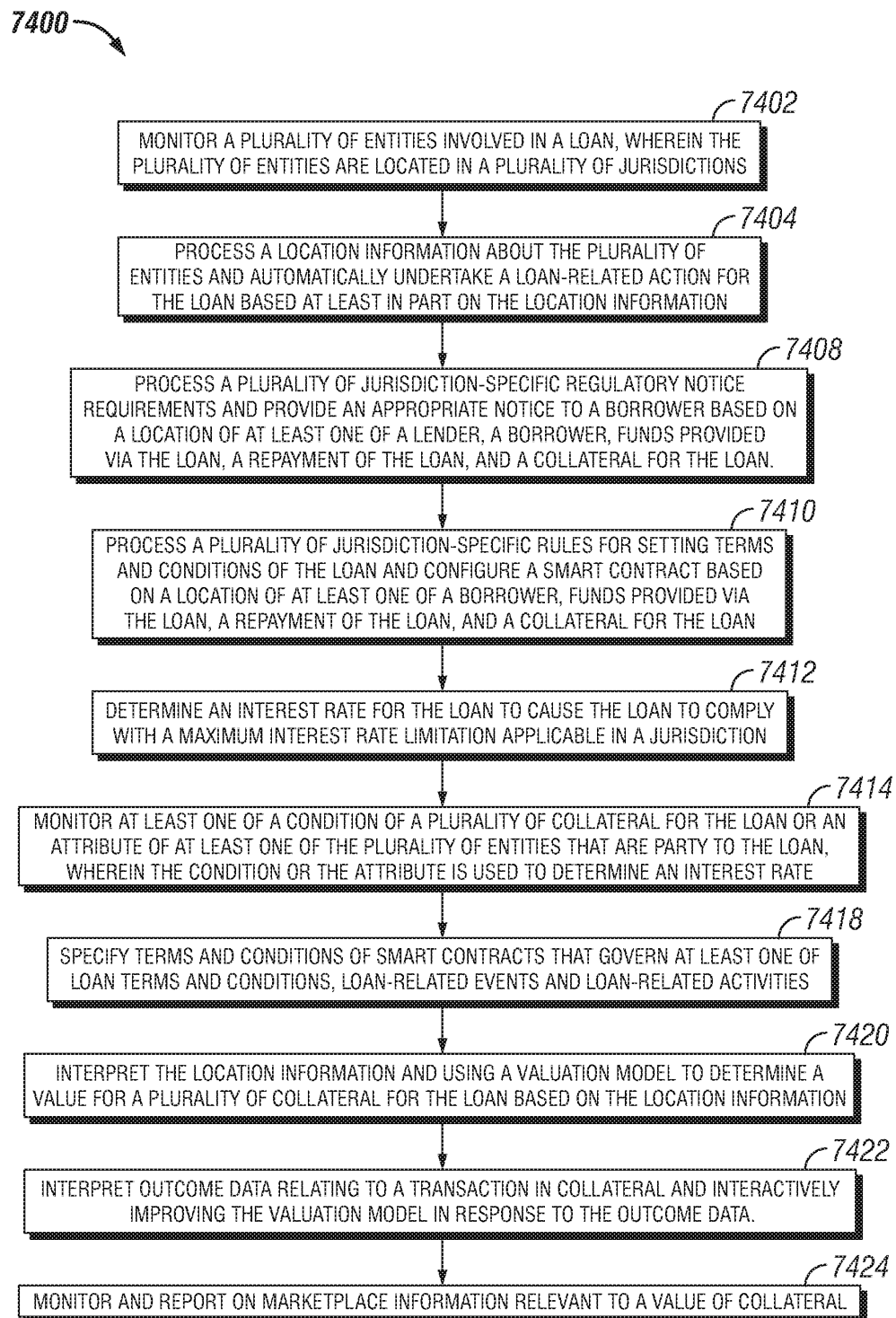


FIG. 74

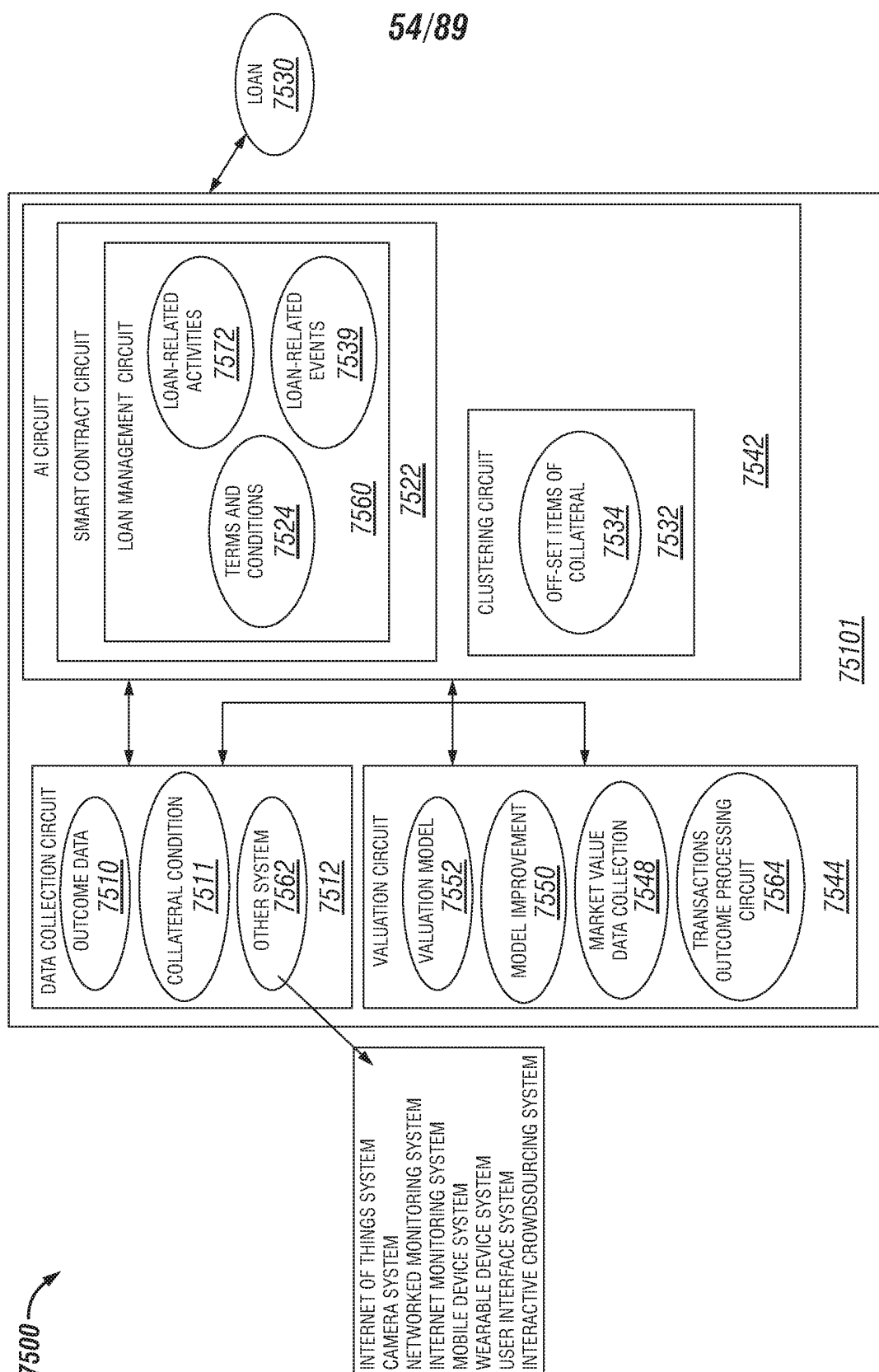


Fig. 25

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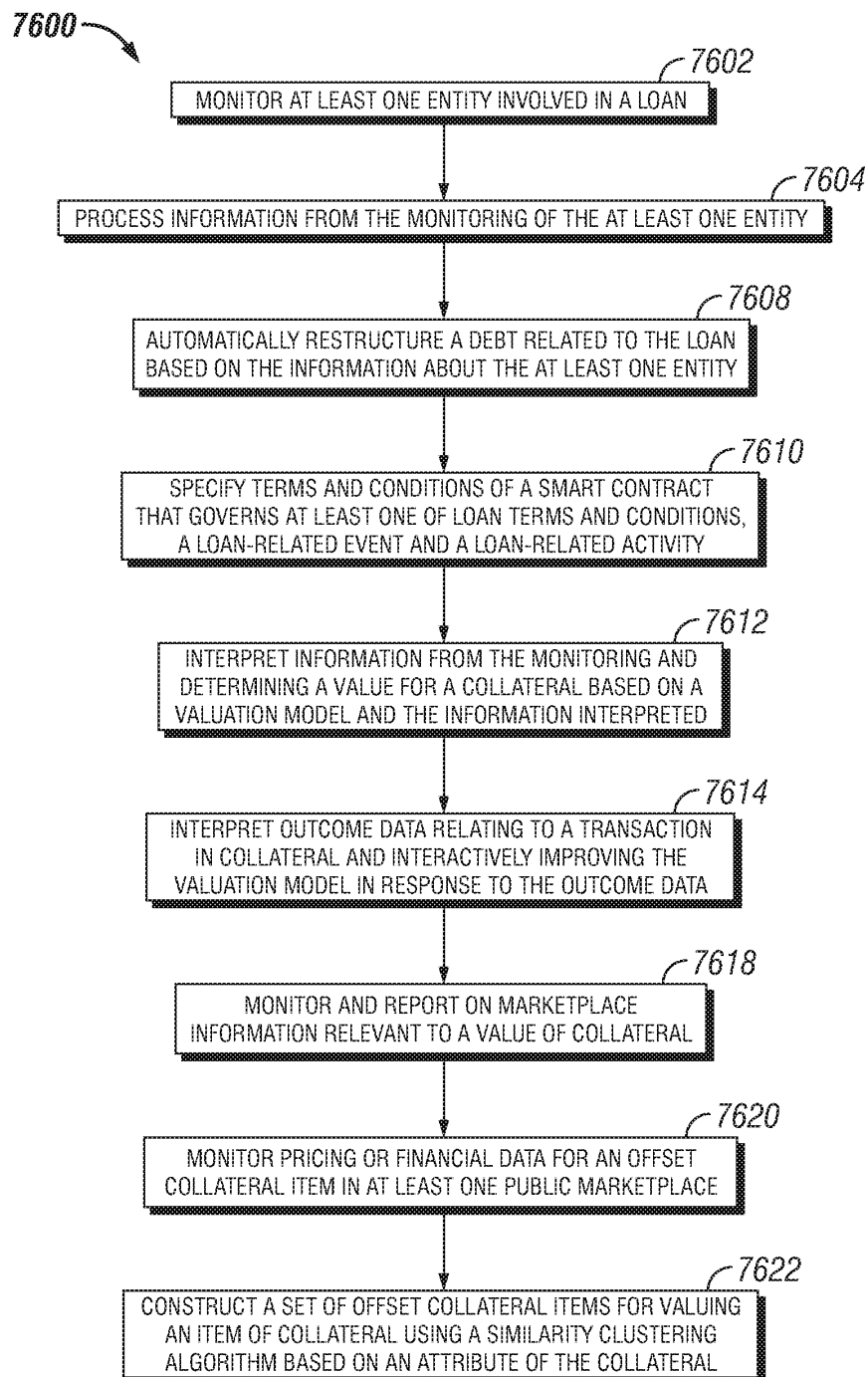


FIG. 76

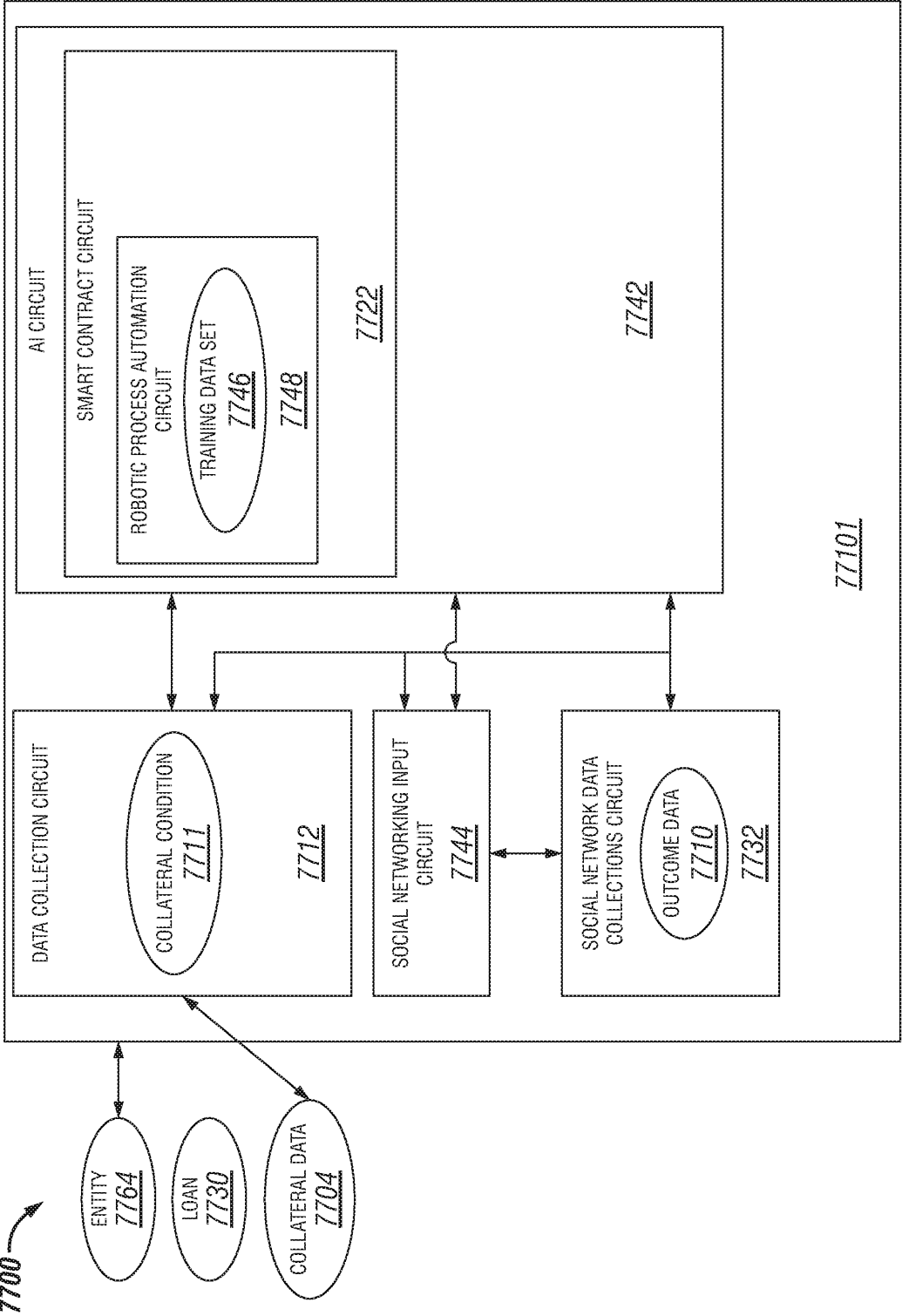


FIG. 77

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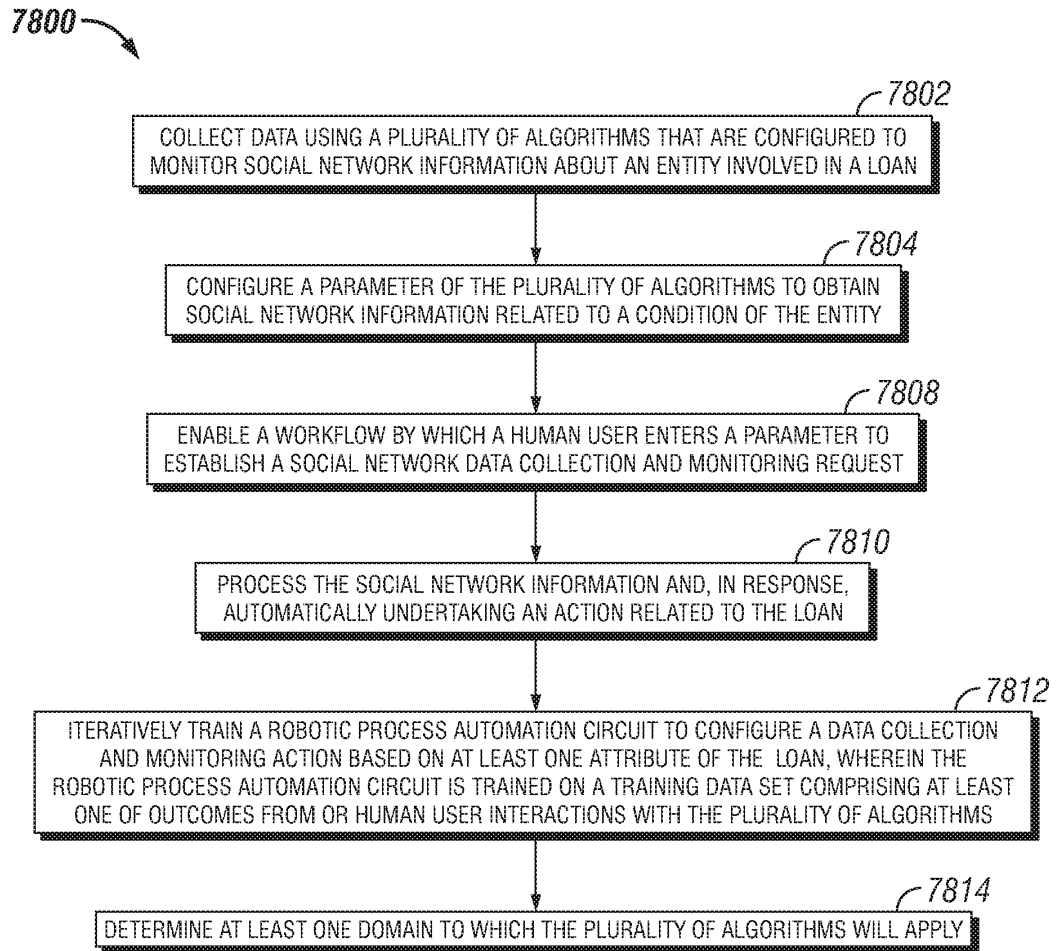


FIG. 78

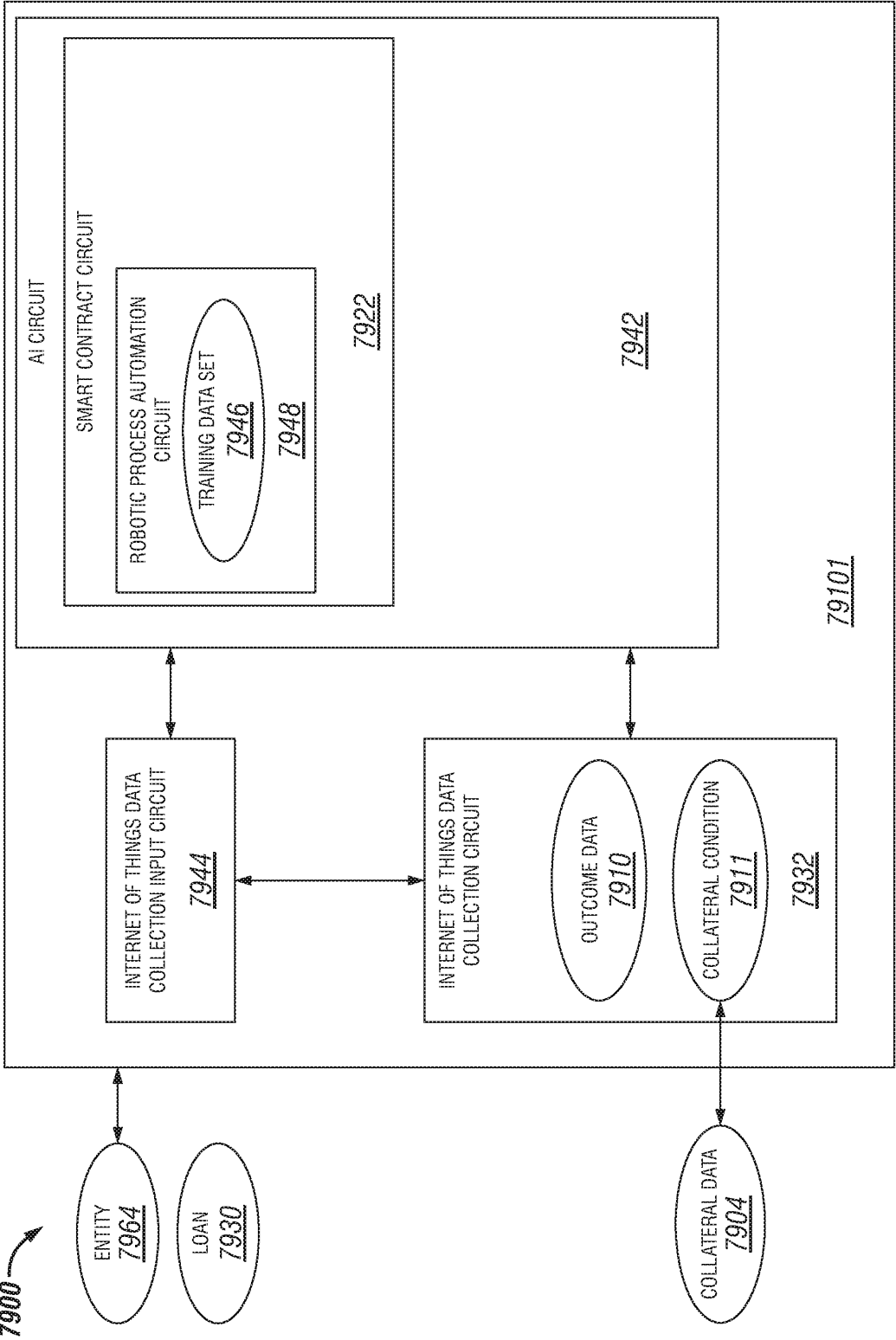


FIG. 79

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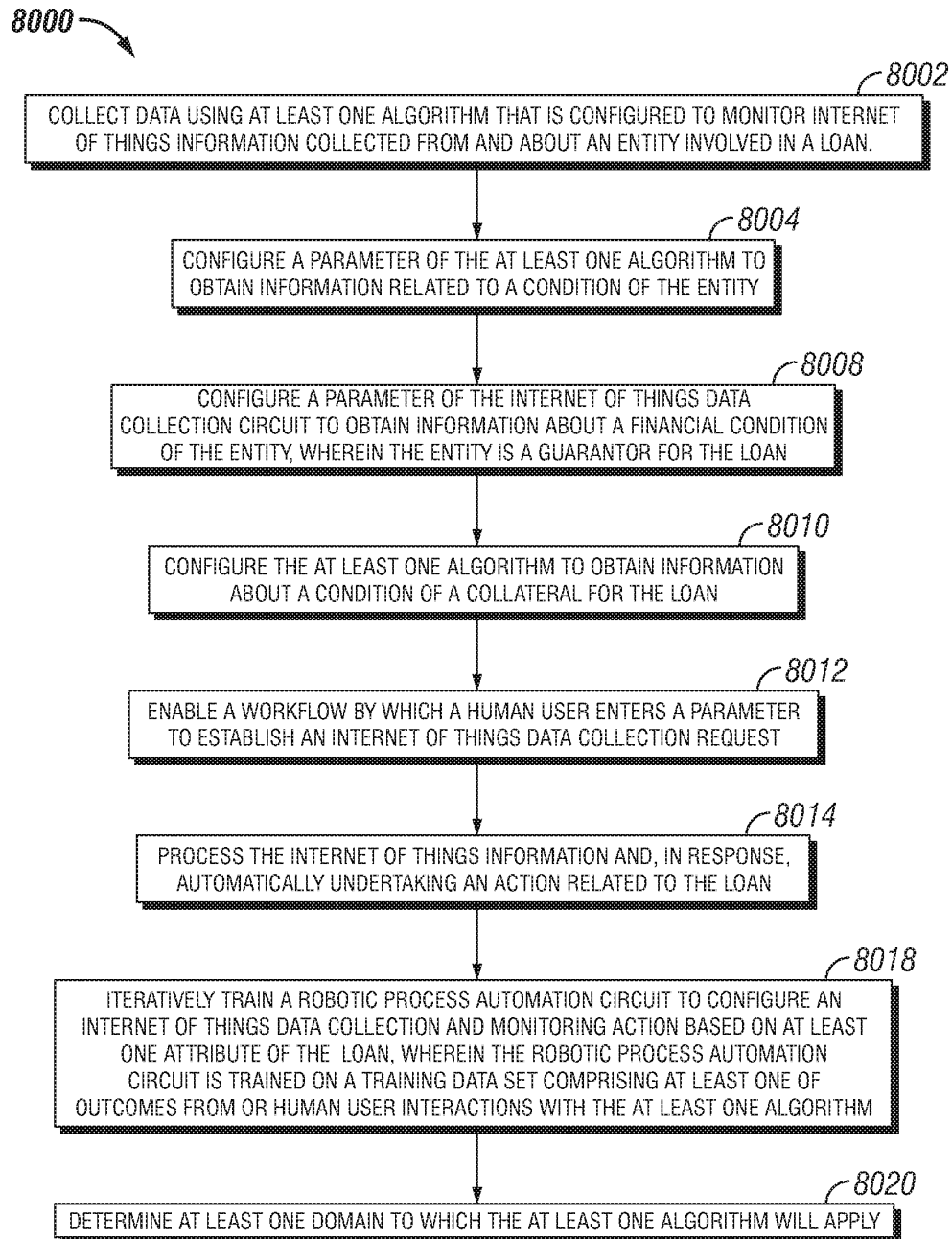


FIG. 80

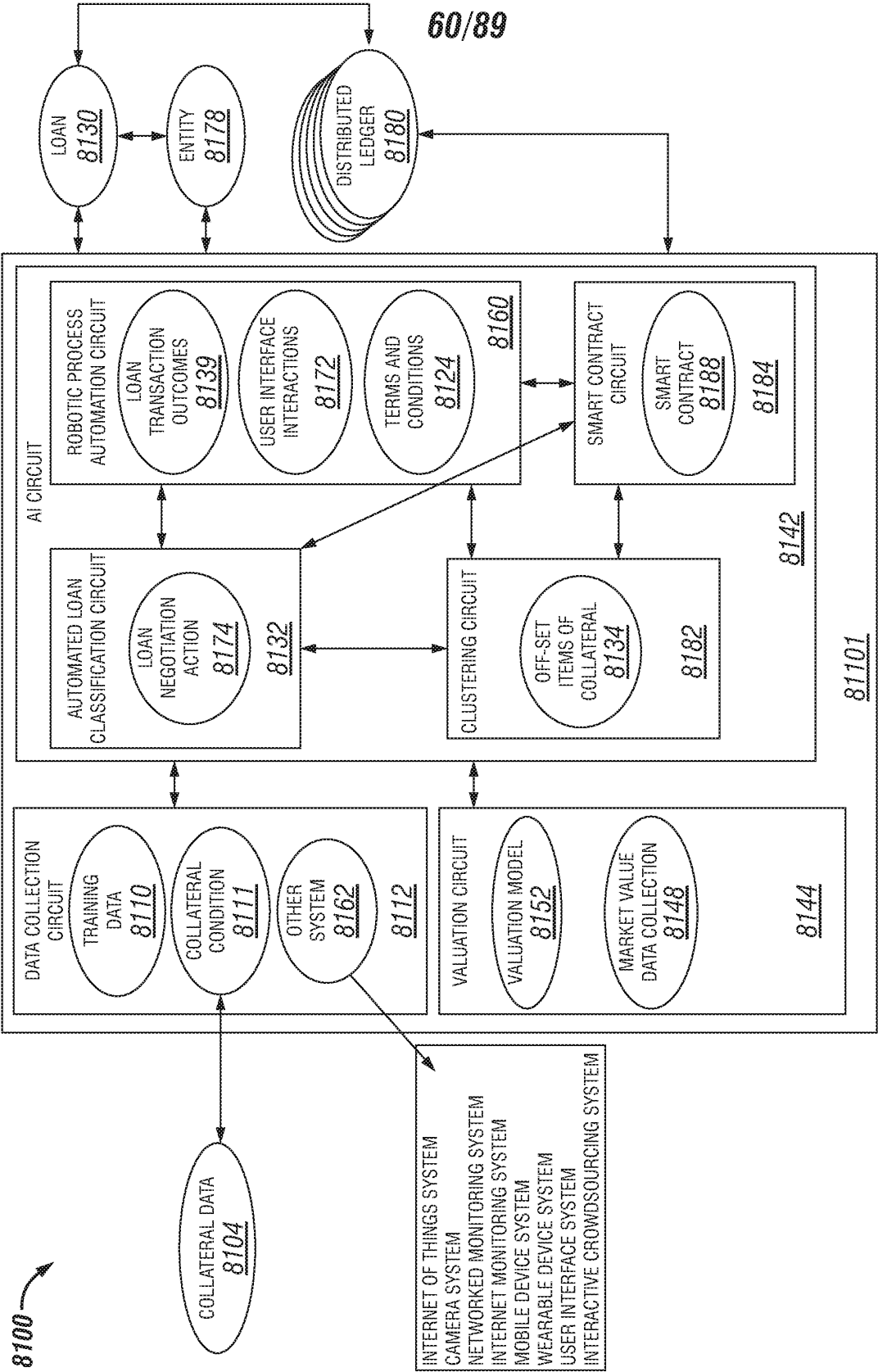
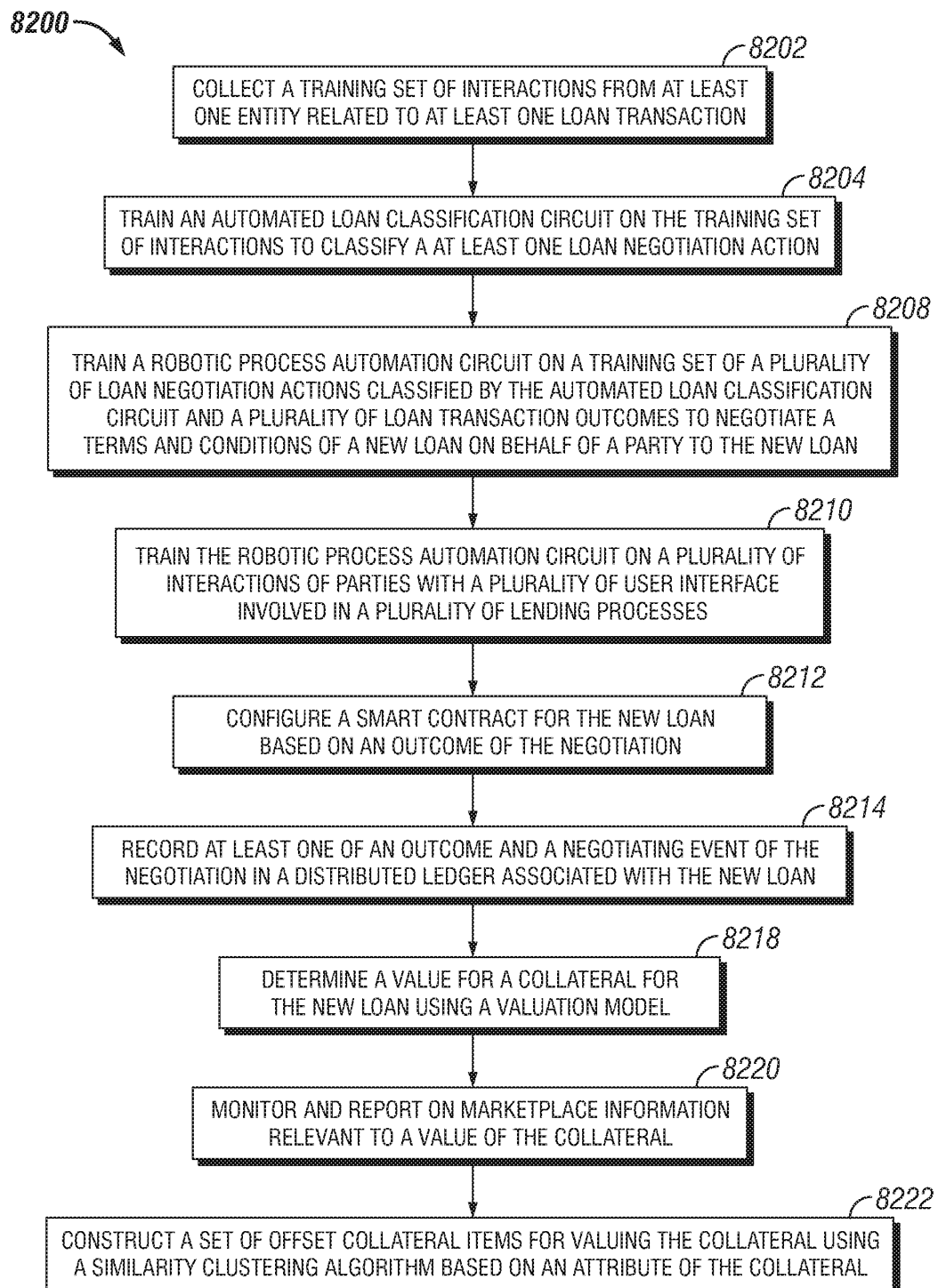


FIG. 81

61/89**FIG. 82**

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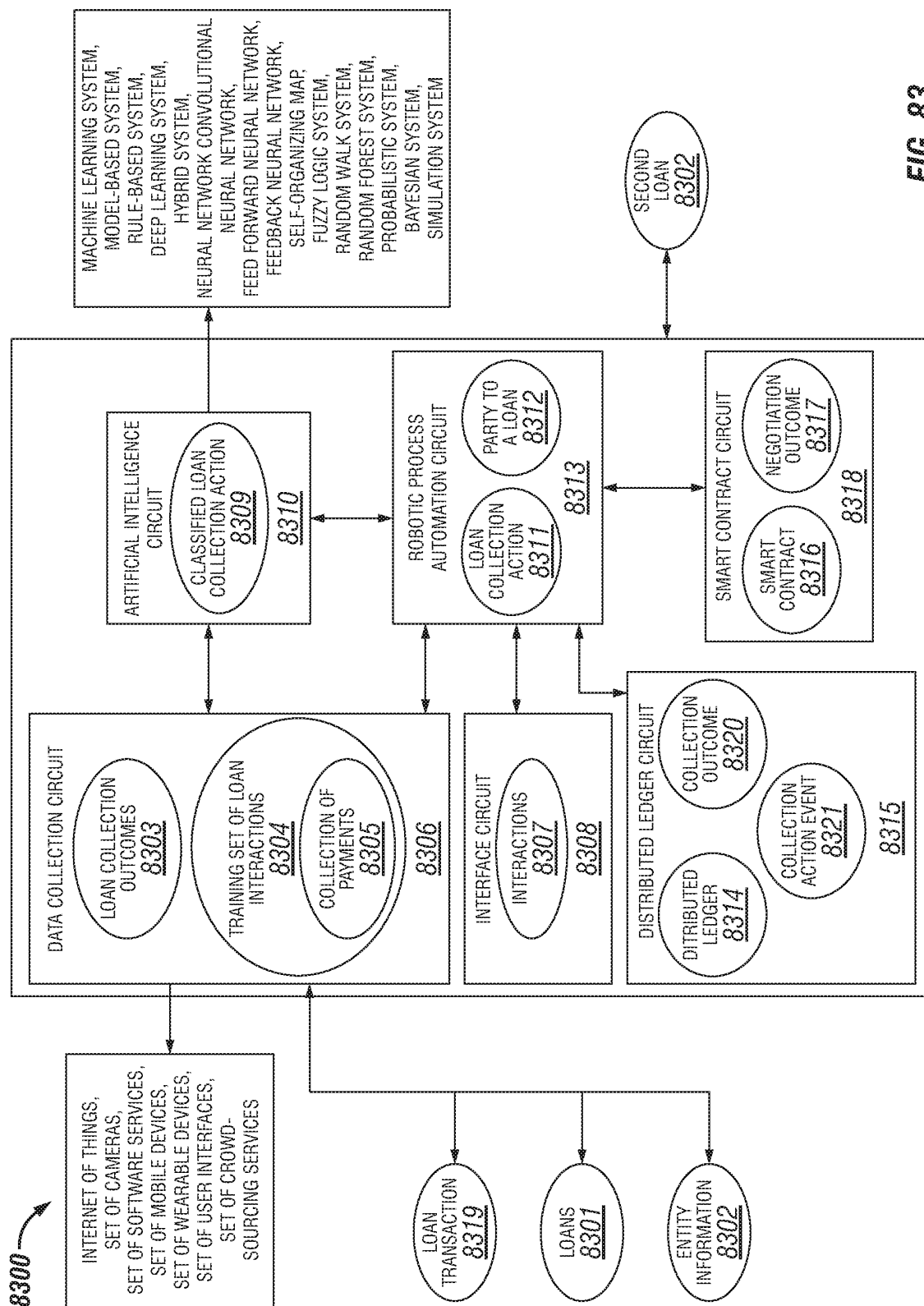


FIG. 83

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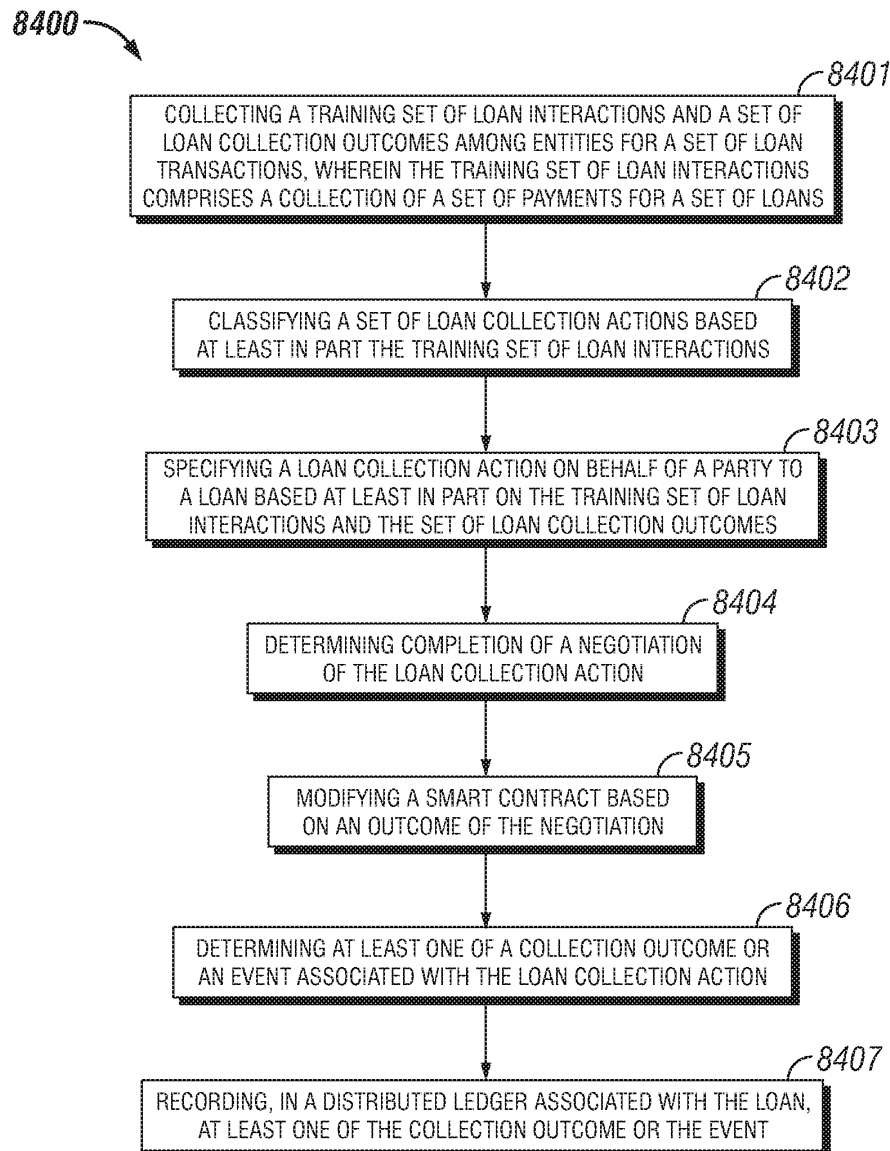


FIG. 84

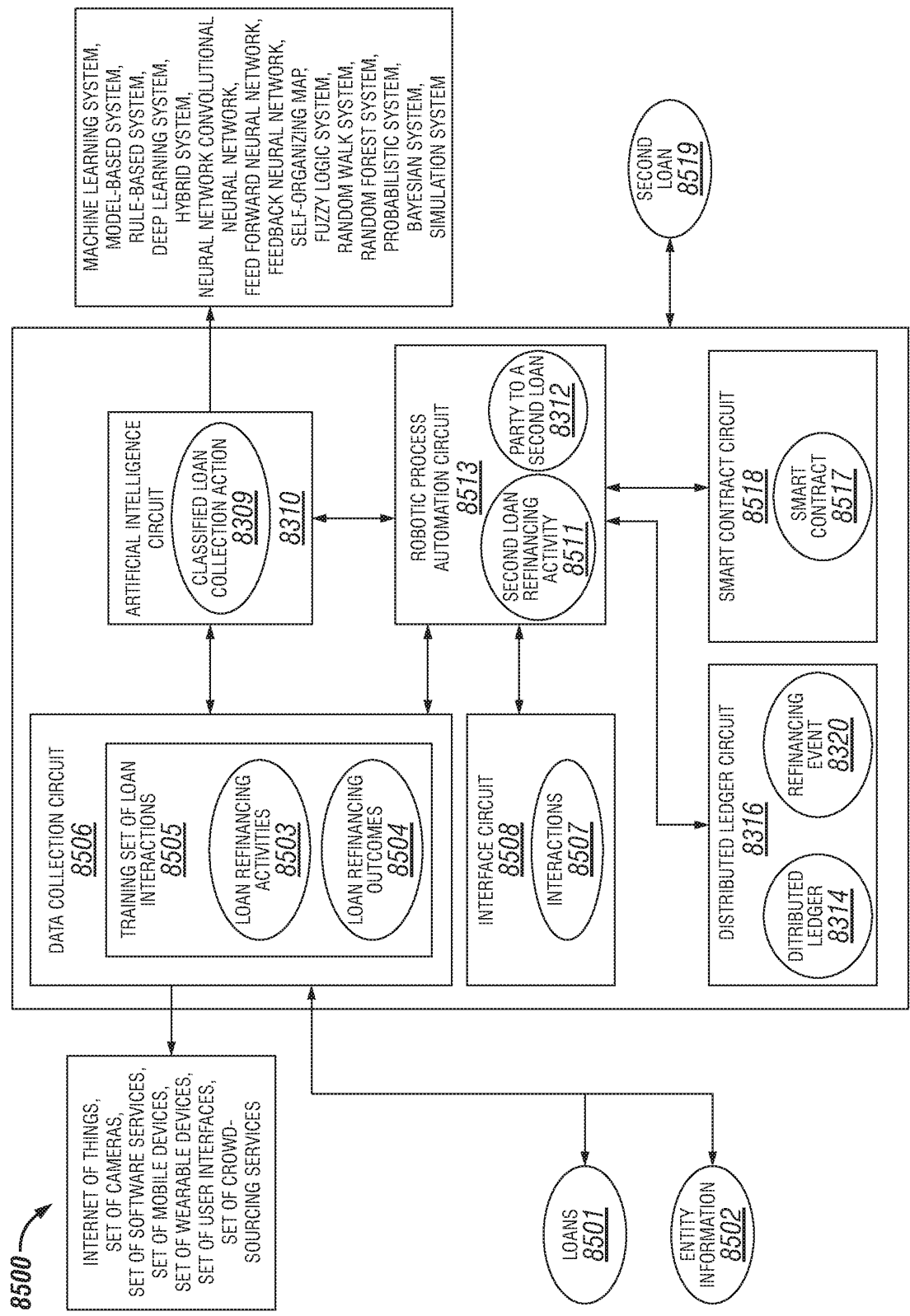
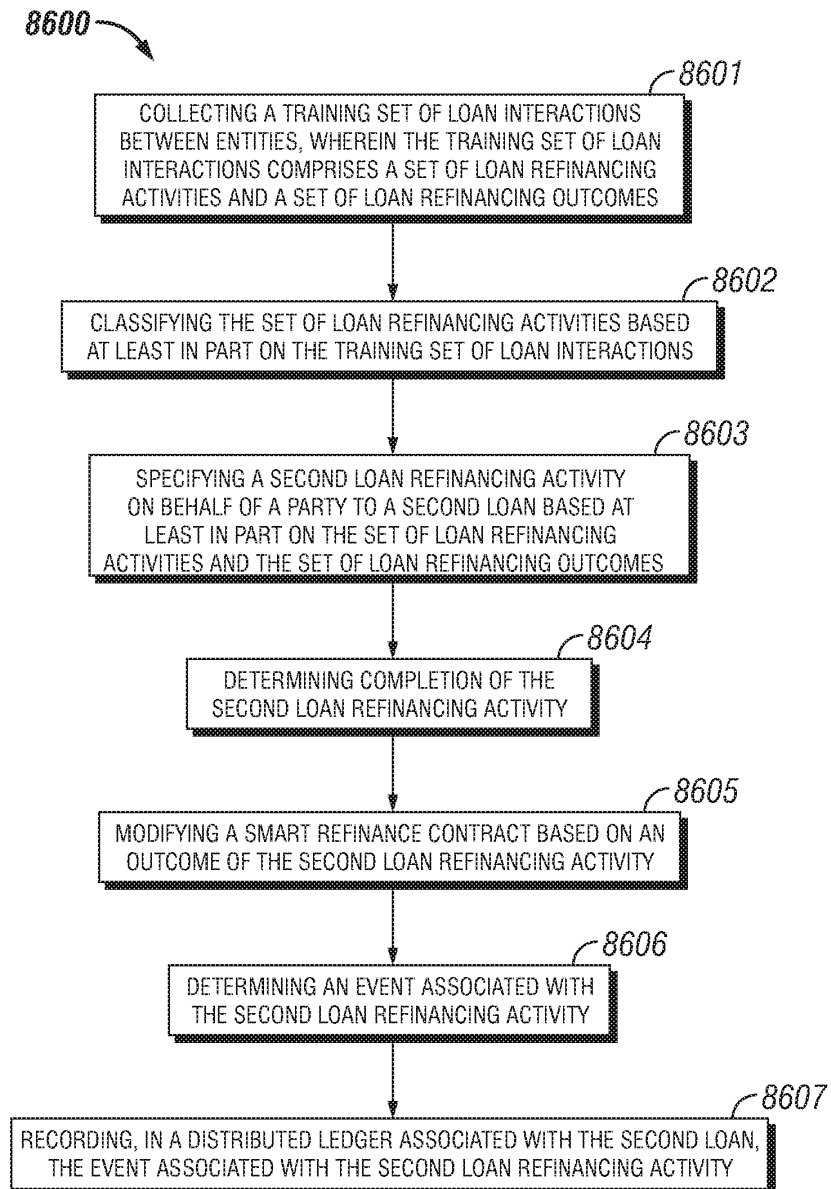


FIG. 85

65/89**FIG. 86**

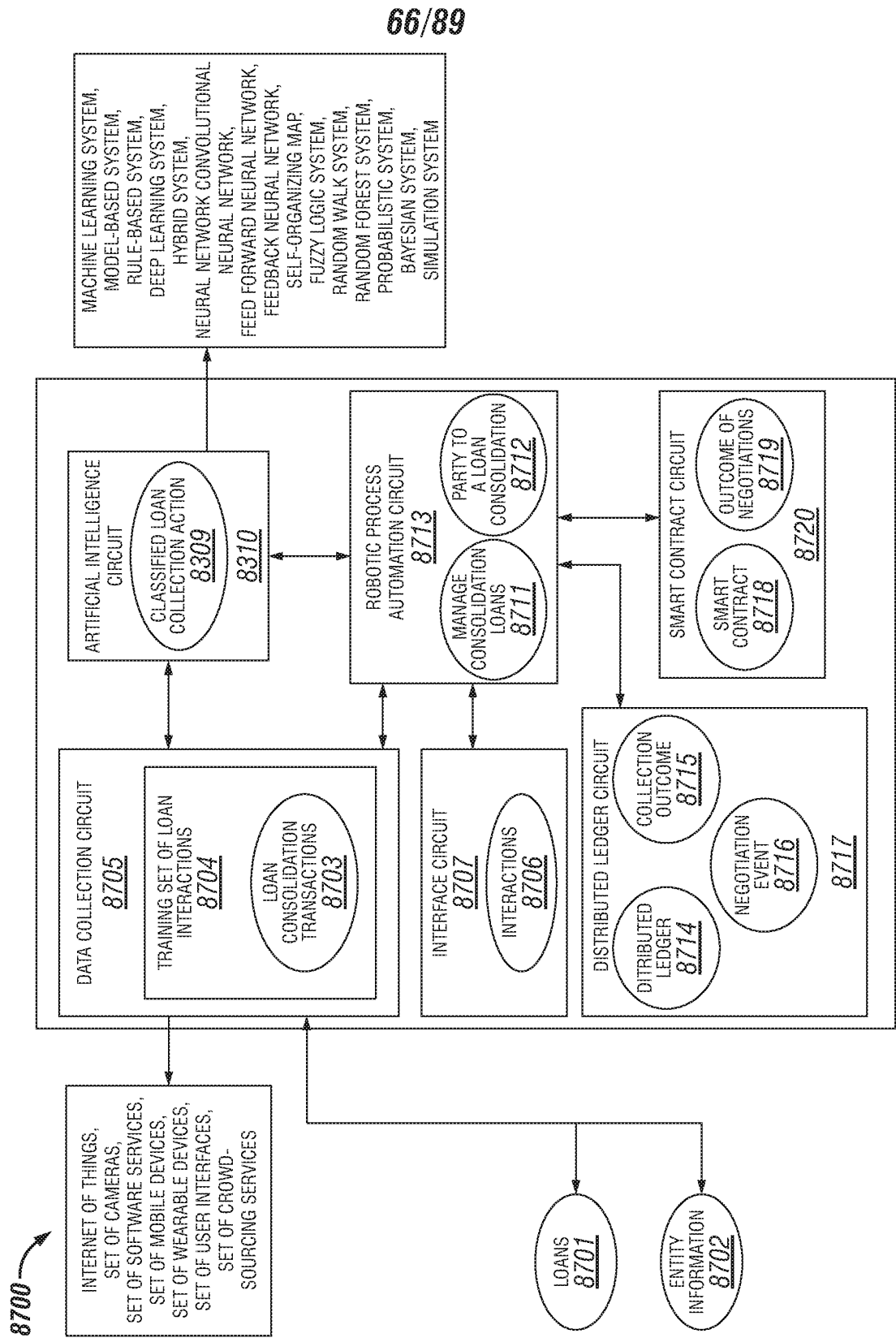


FIG. 87

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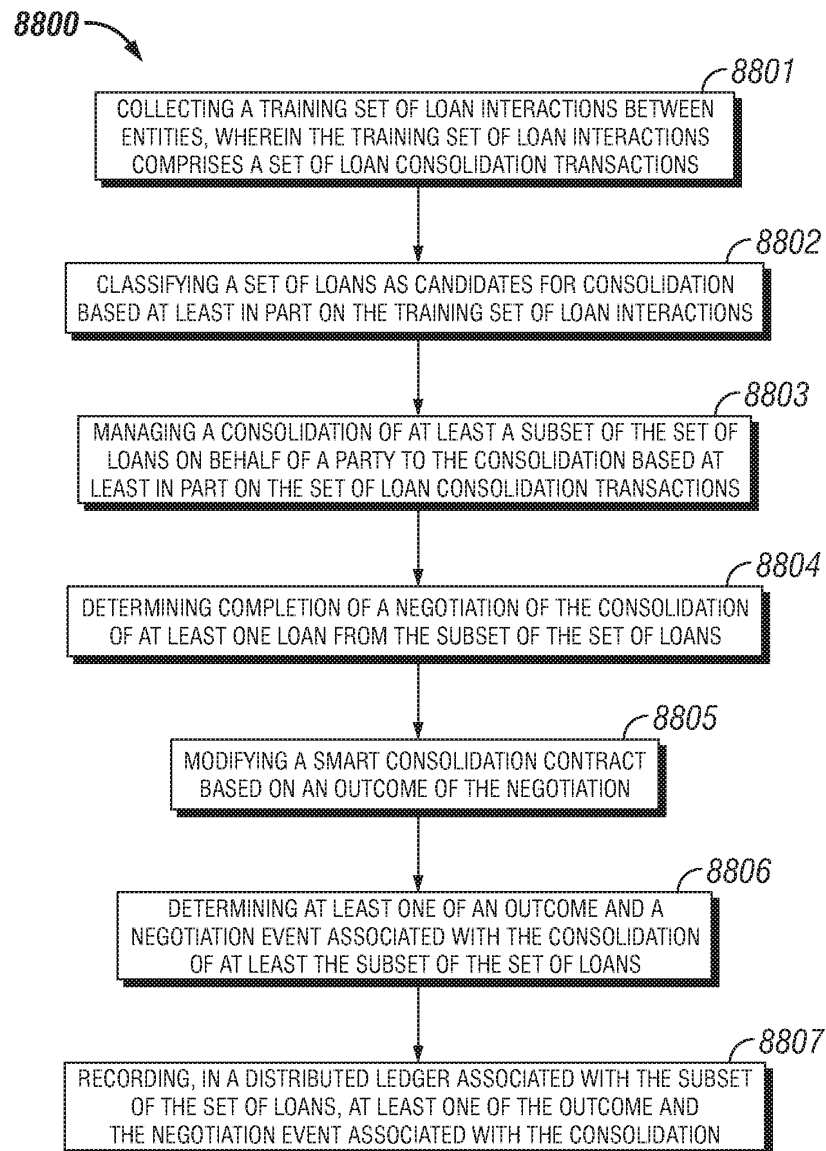


FIG. 88

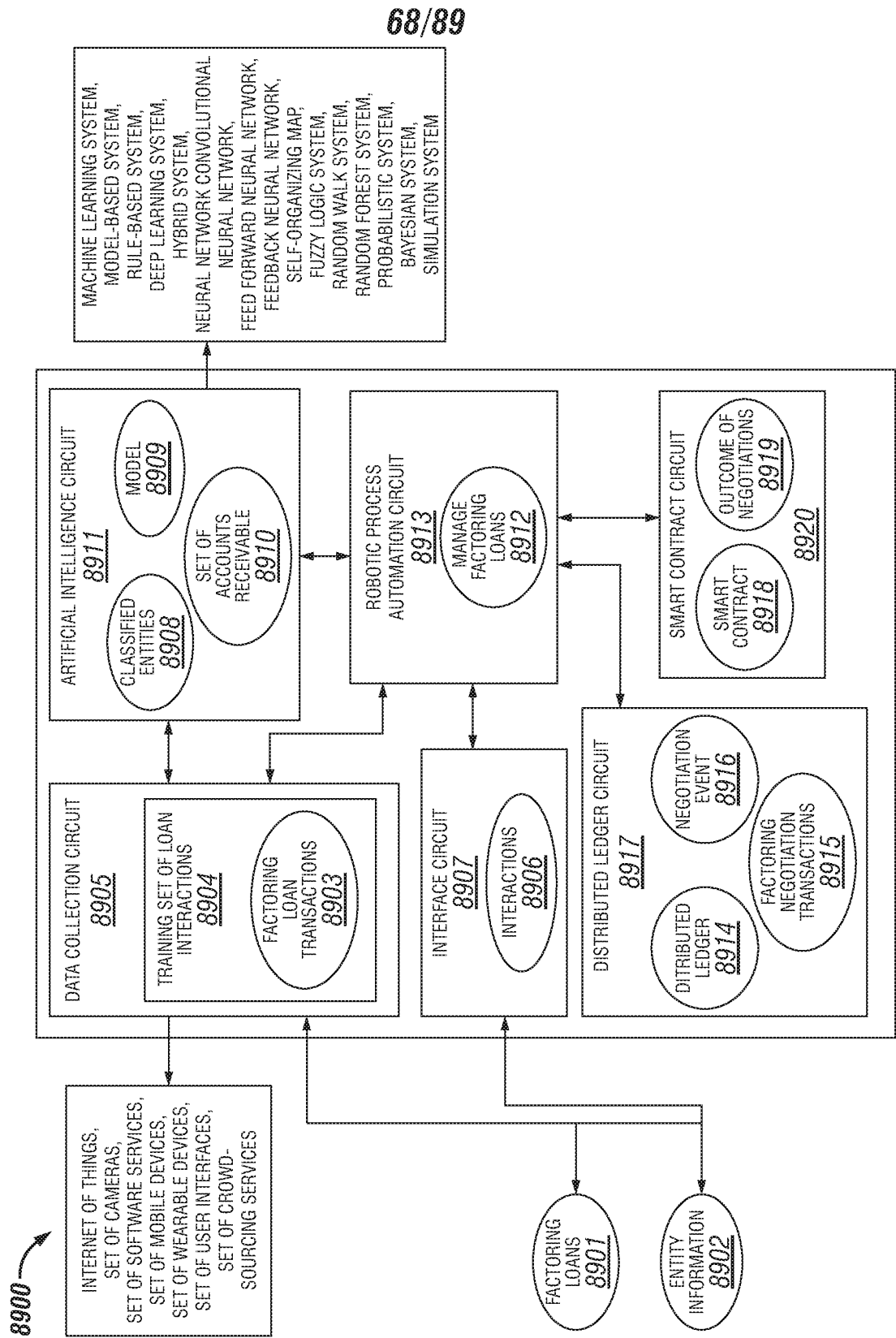


FIG. 89

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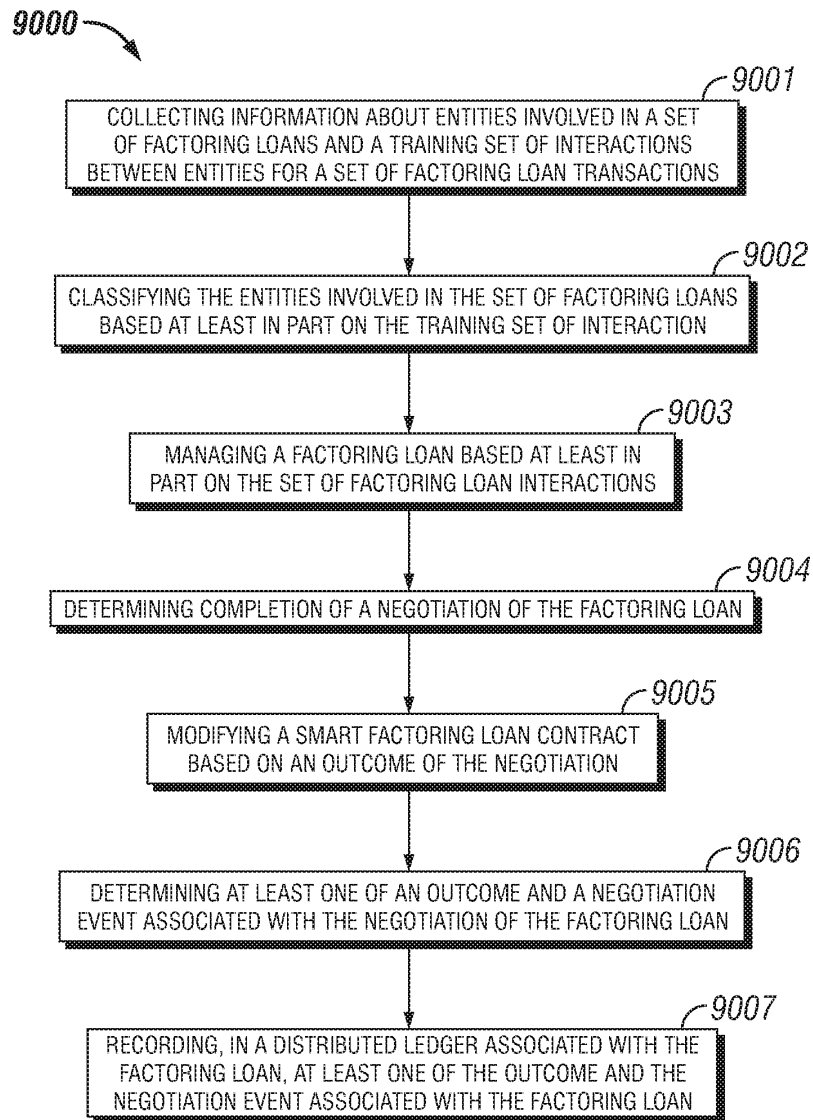


FIG. 90

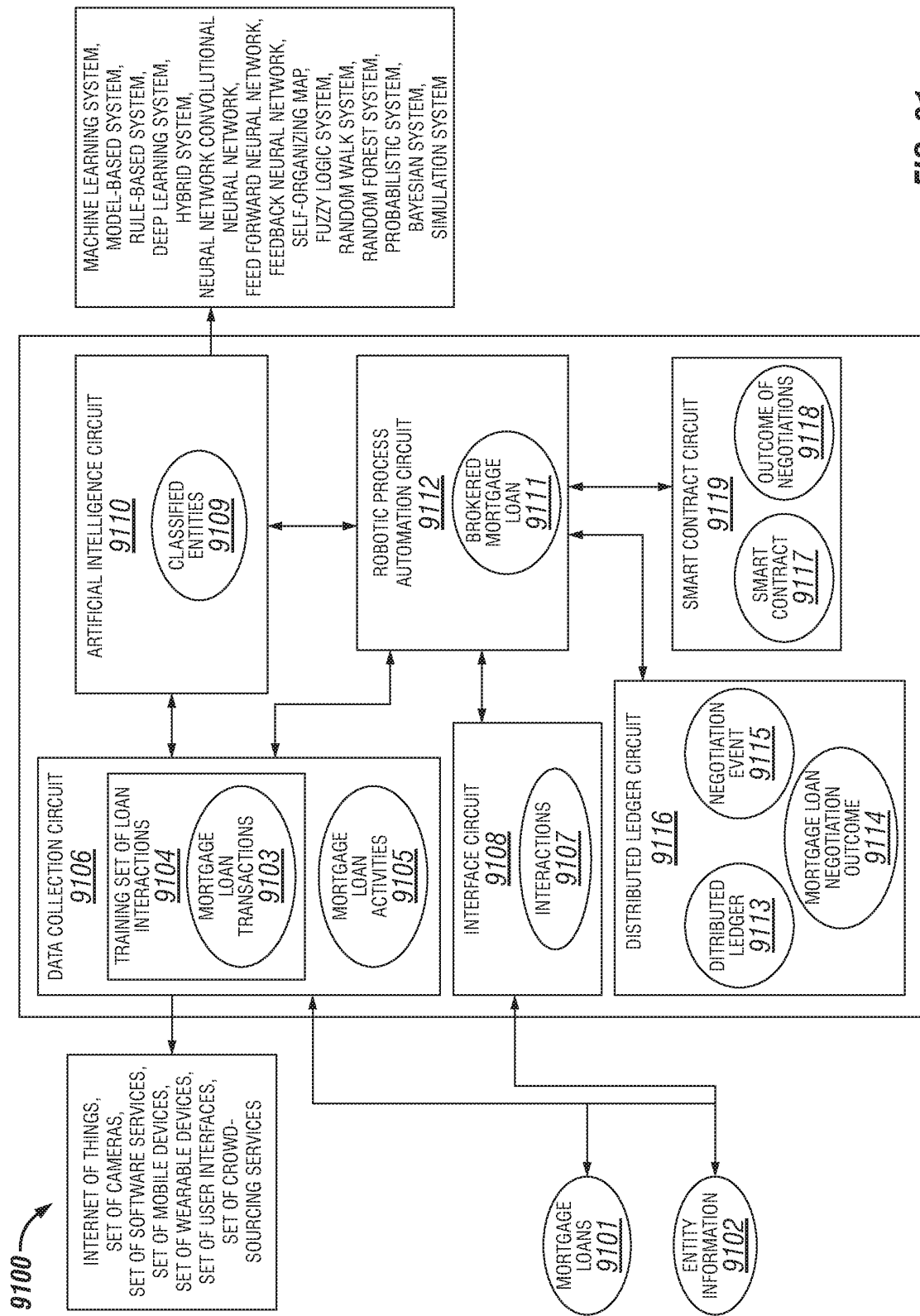


FIG. 91

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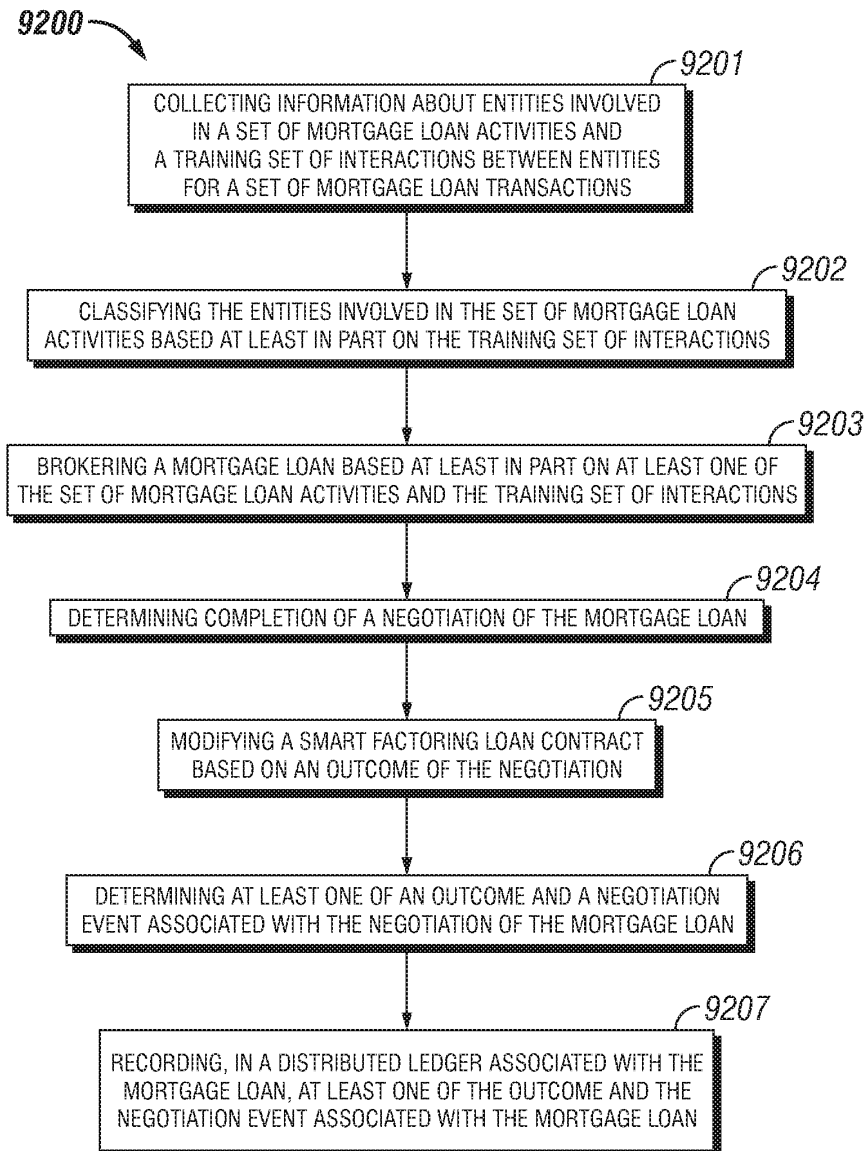


FIG. 92

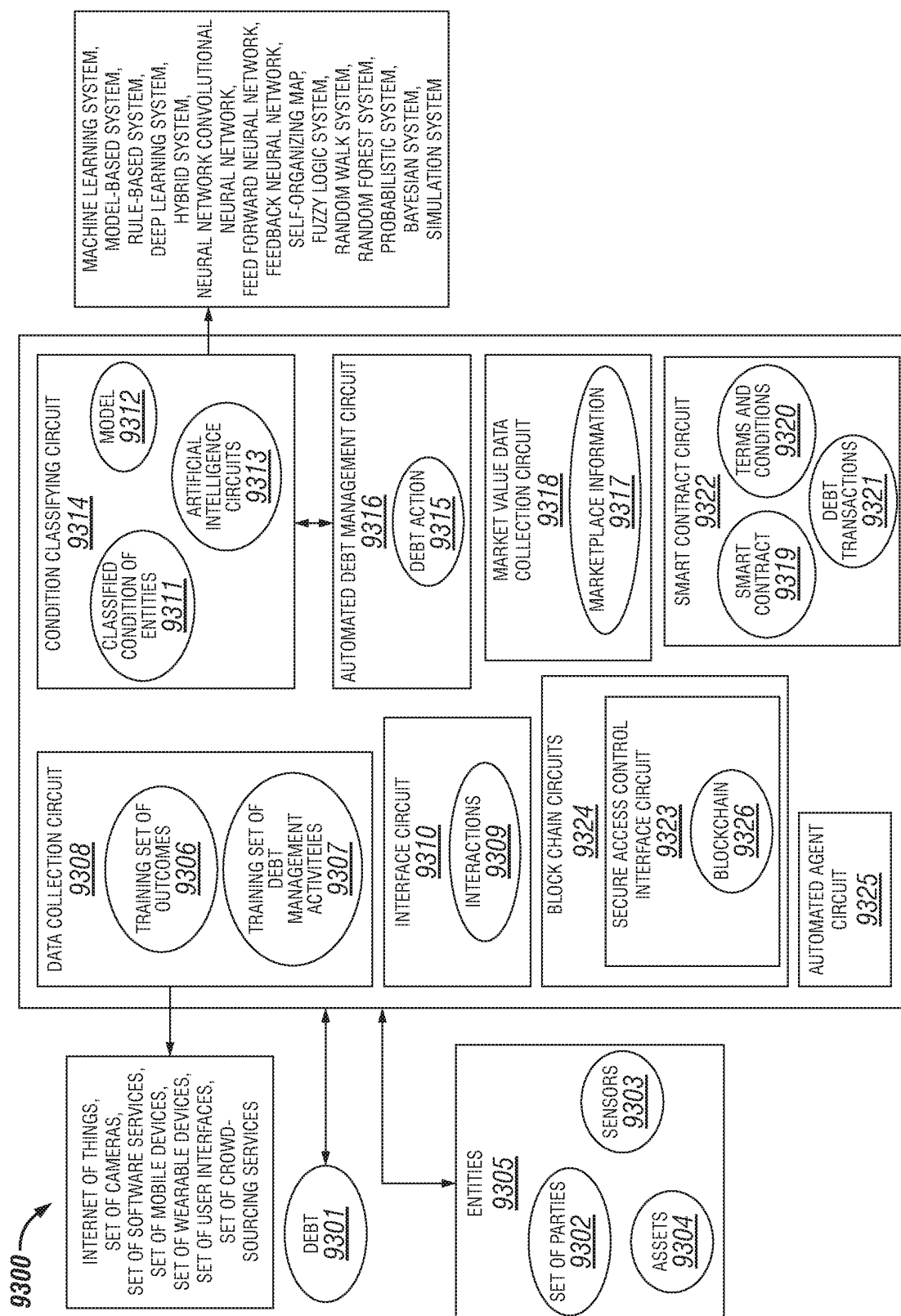
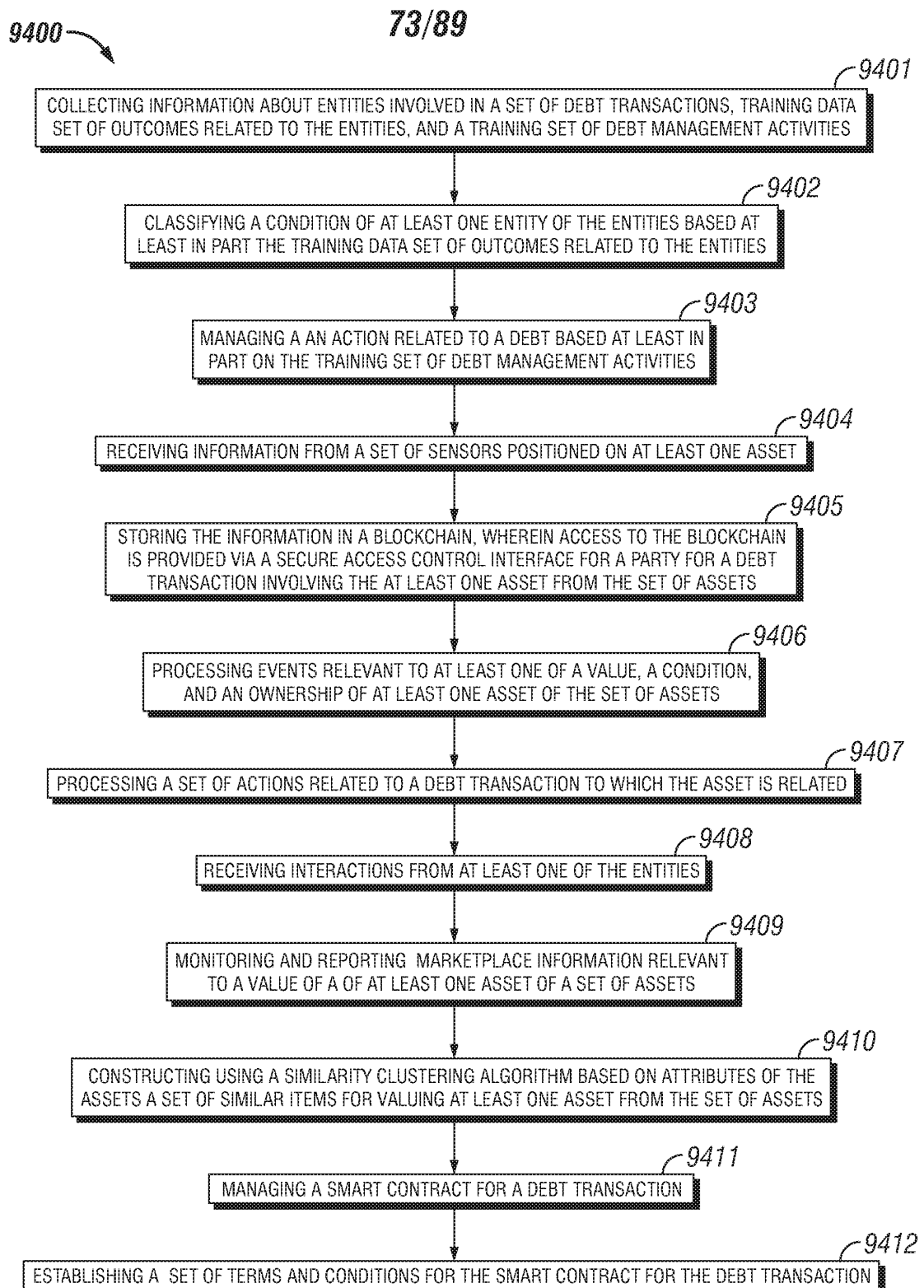


FIG. 33

**FIG. 94**

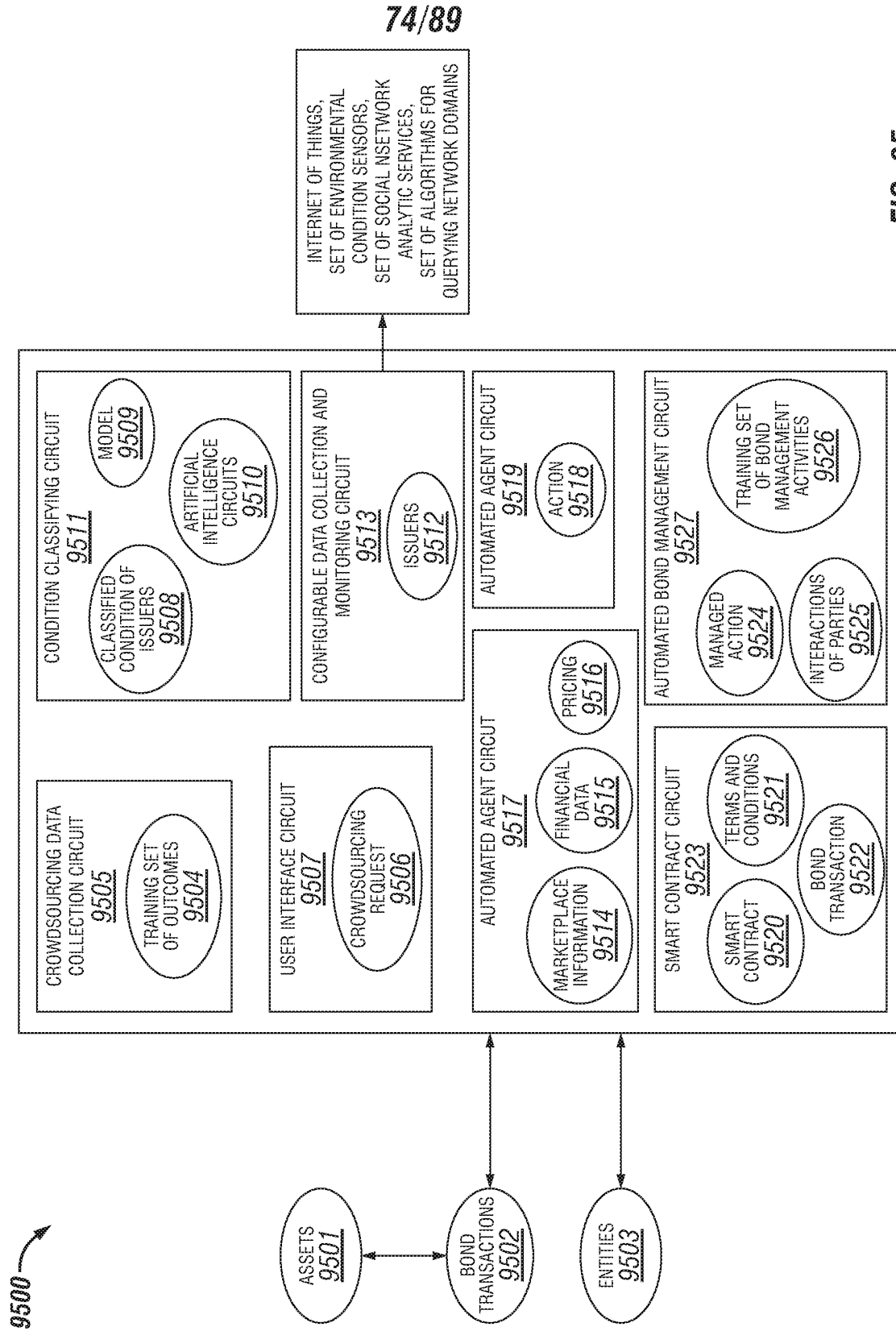


FIG. 95

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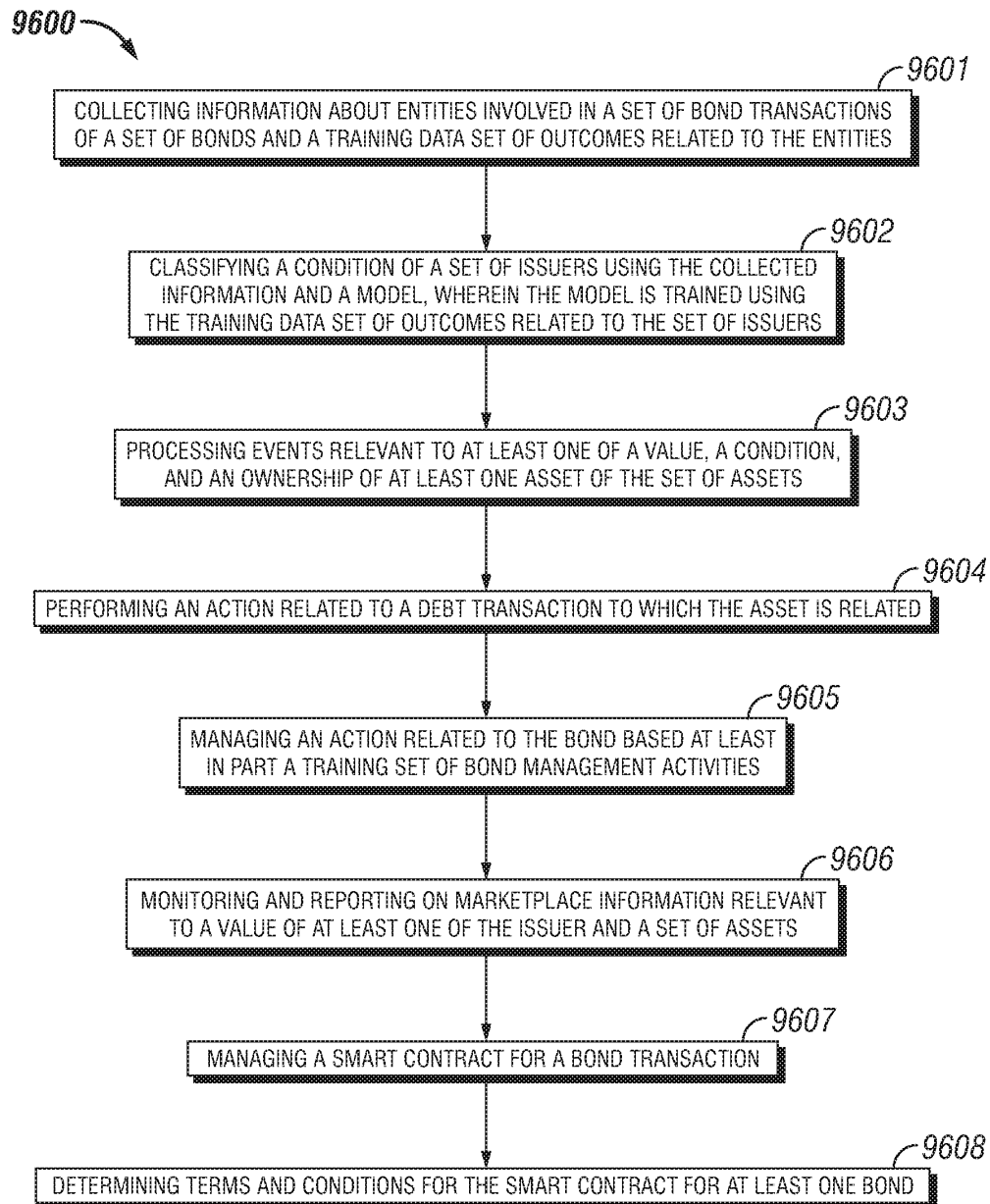


FIG. 96

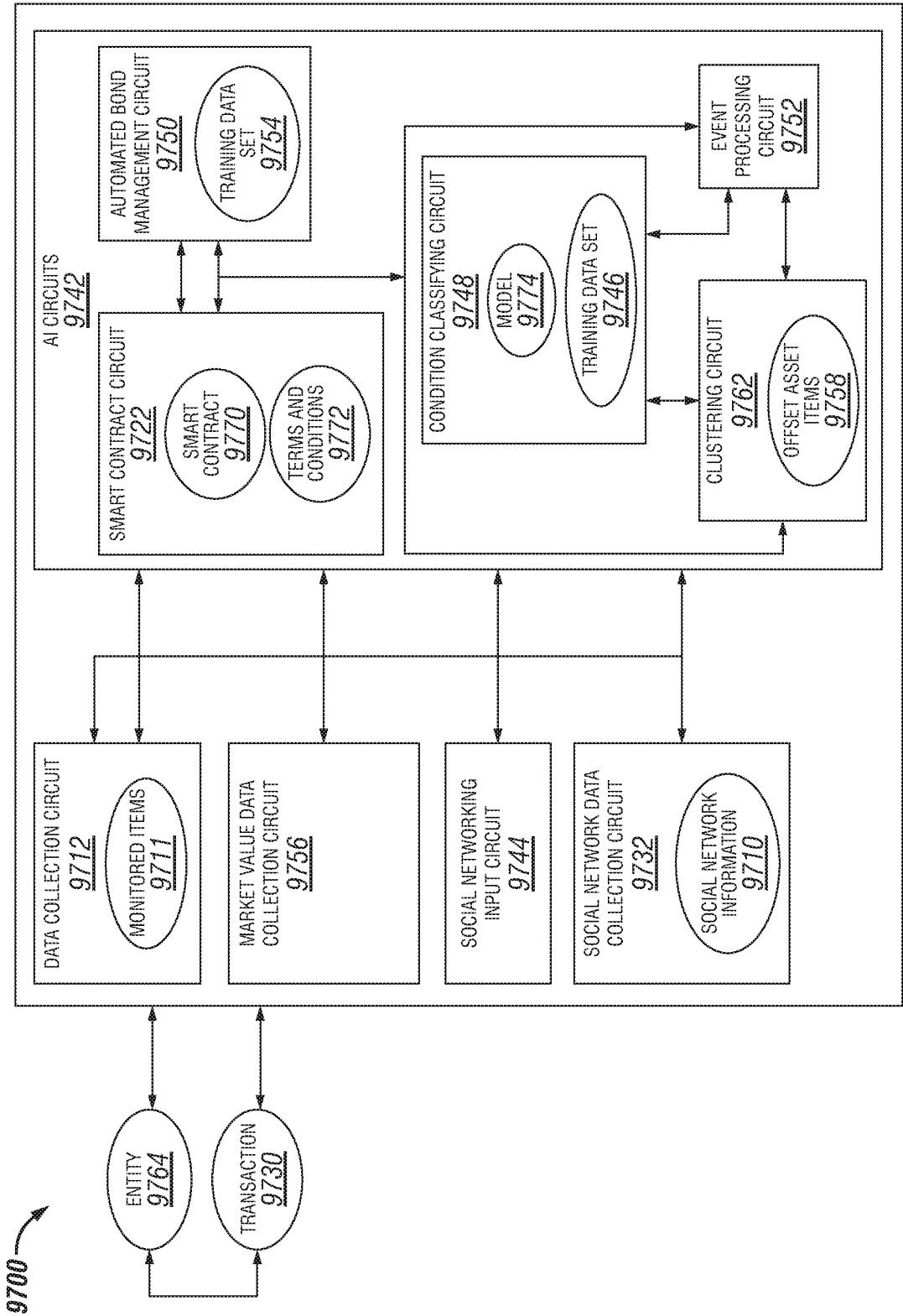


FIG. 97

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9800

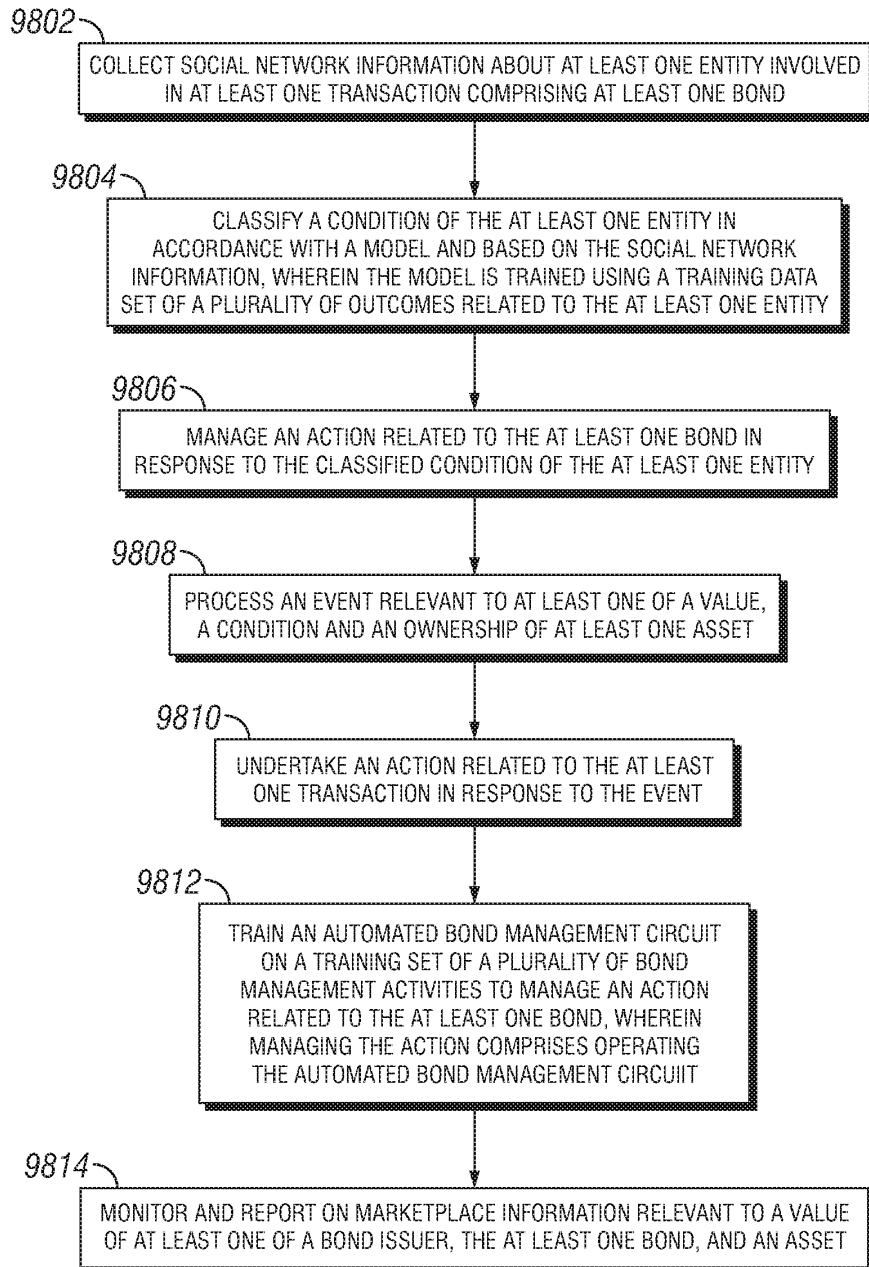


FIG. 98

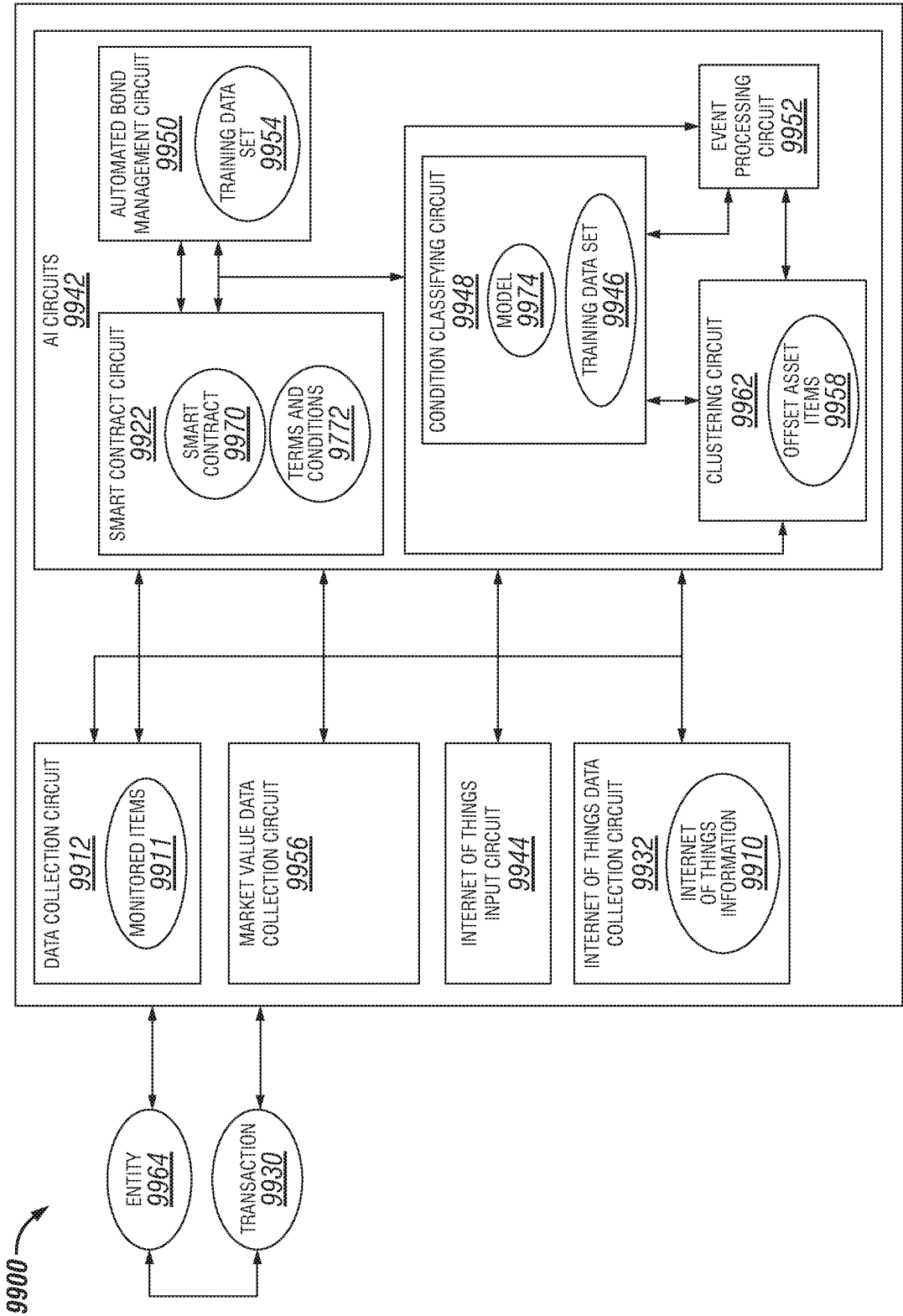
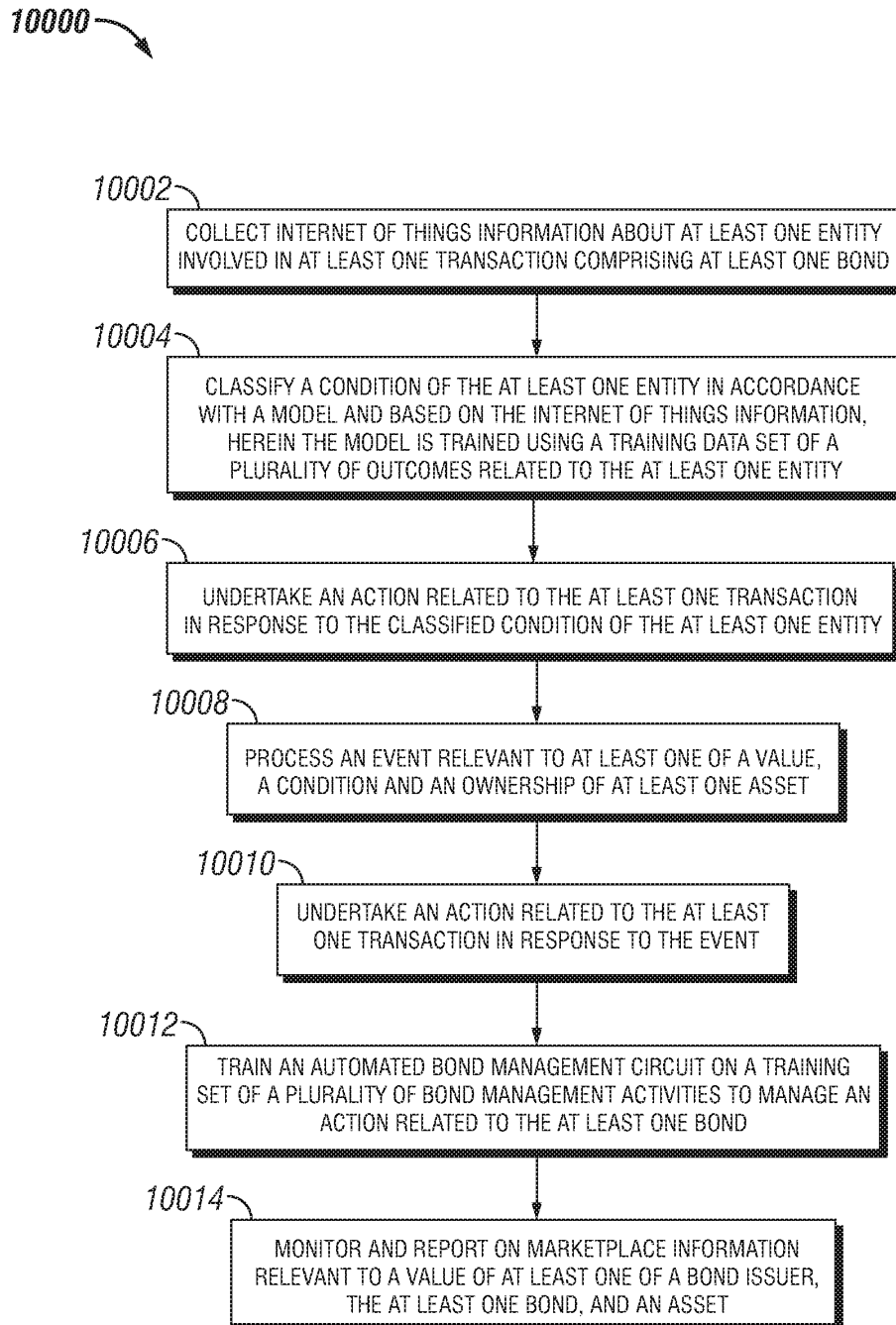


FIG. 99

79/89**FIG. 100**

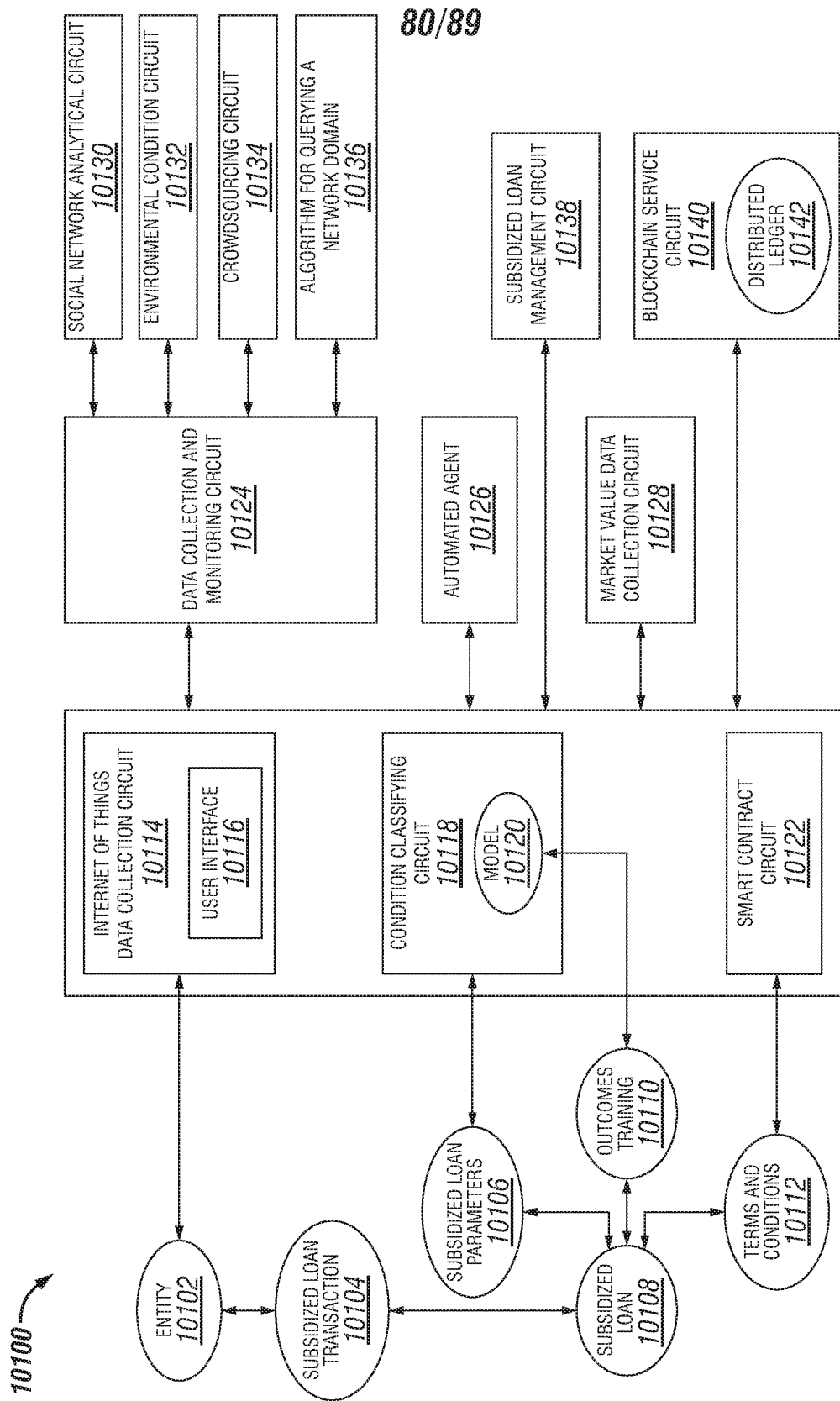


FIG. 101

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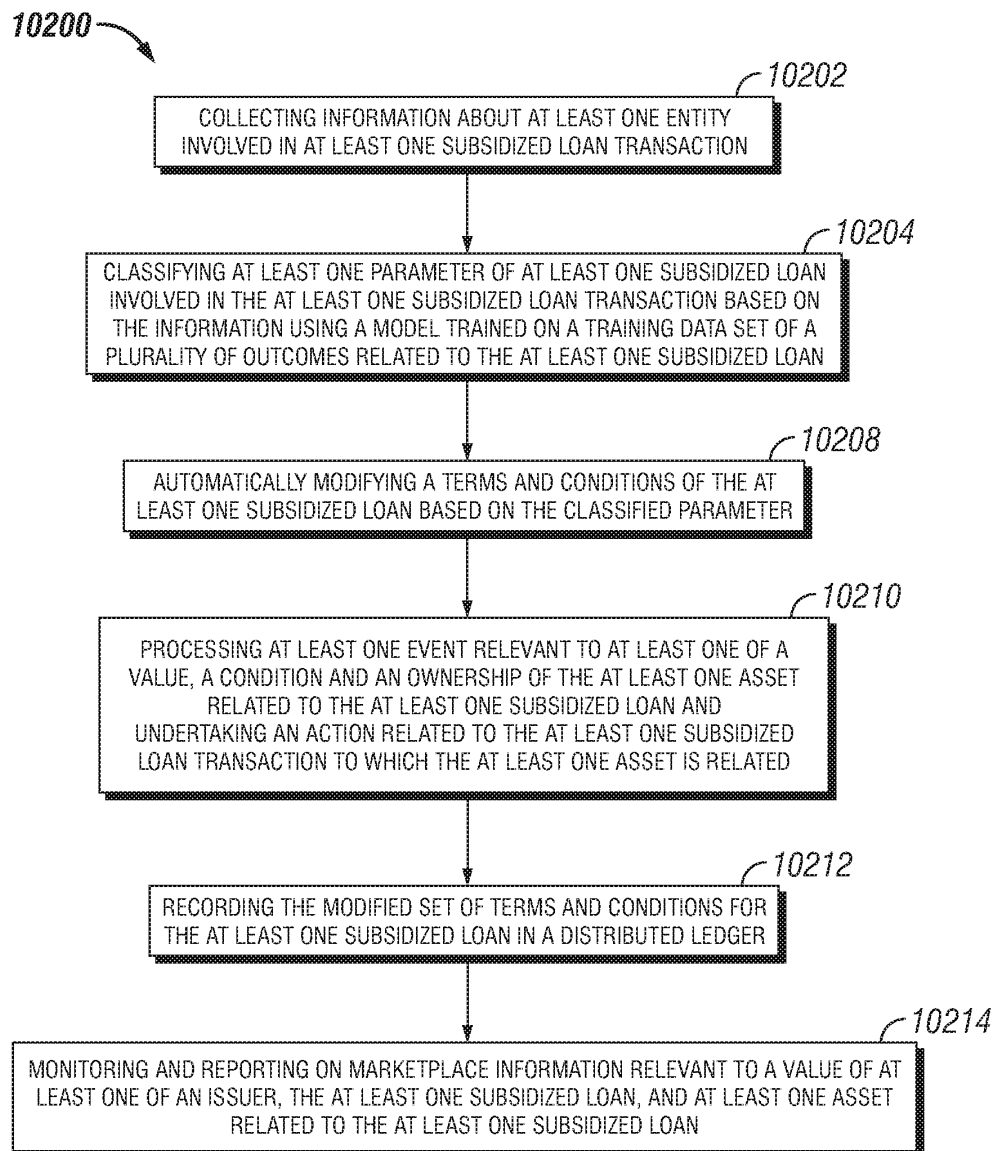


FIG. 102

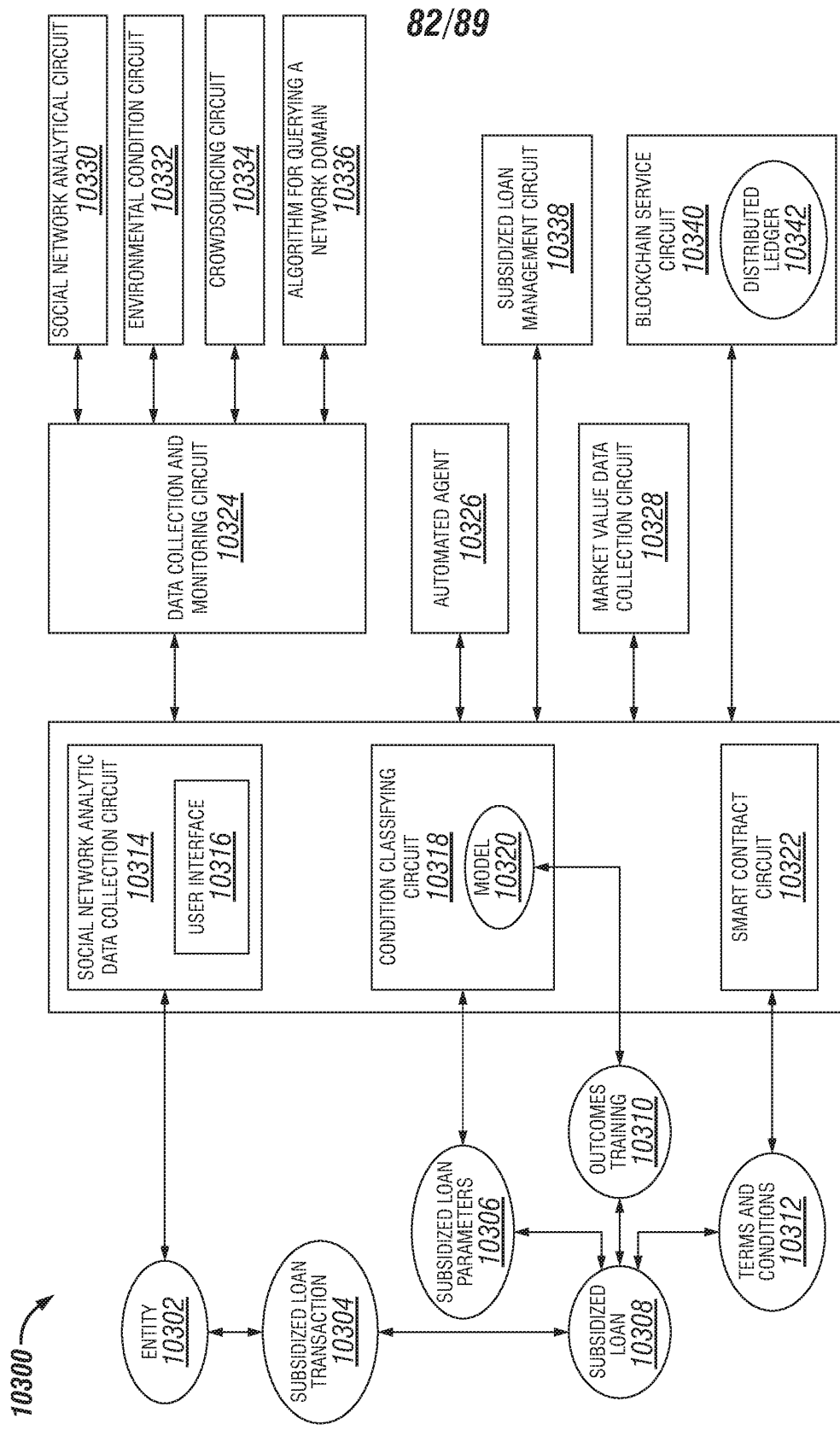


FIG. 103

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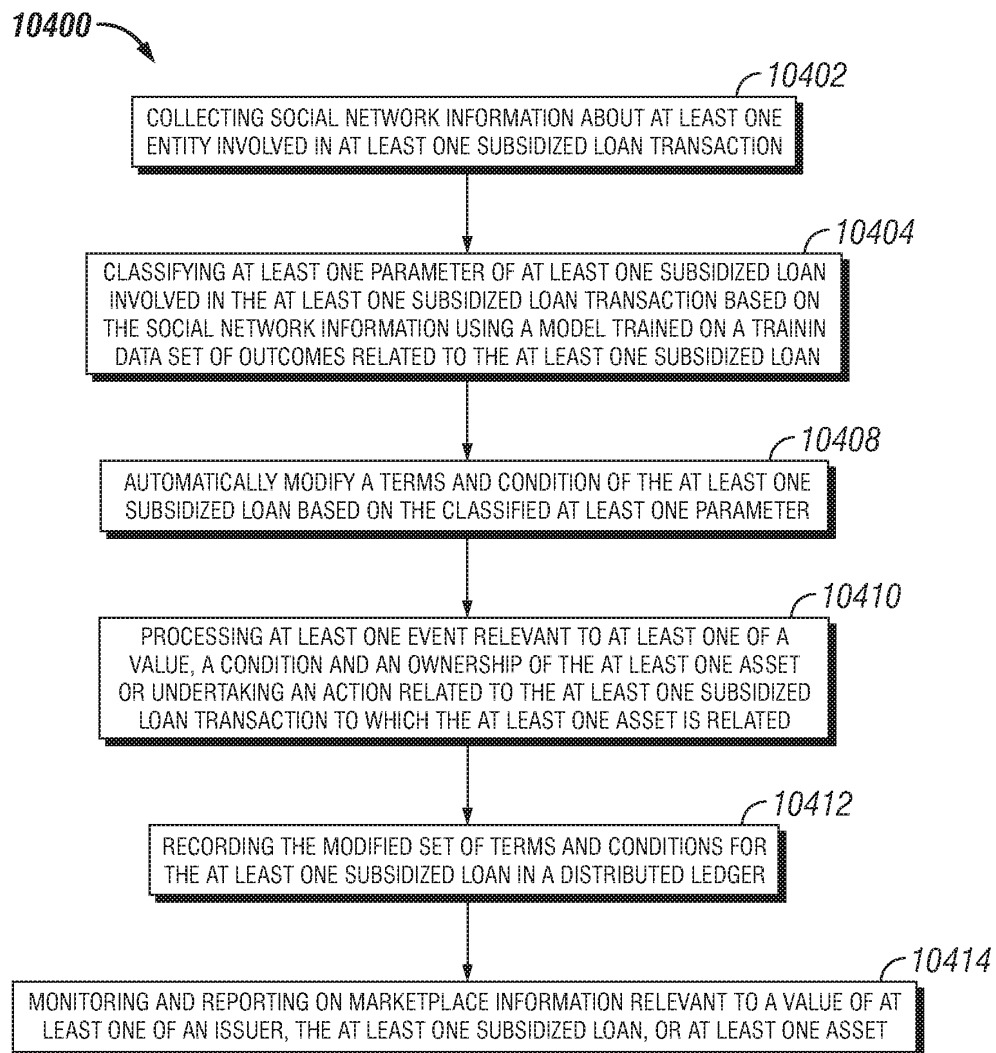


FIG. 104

10500

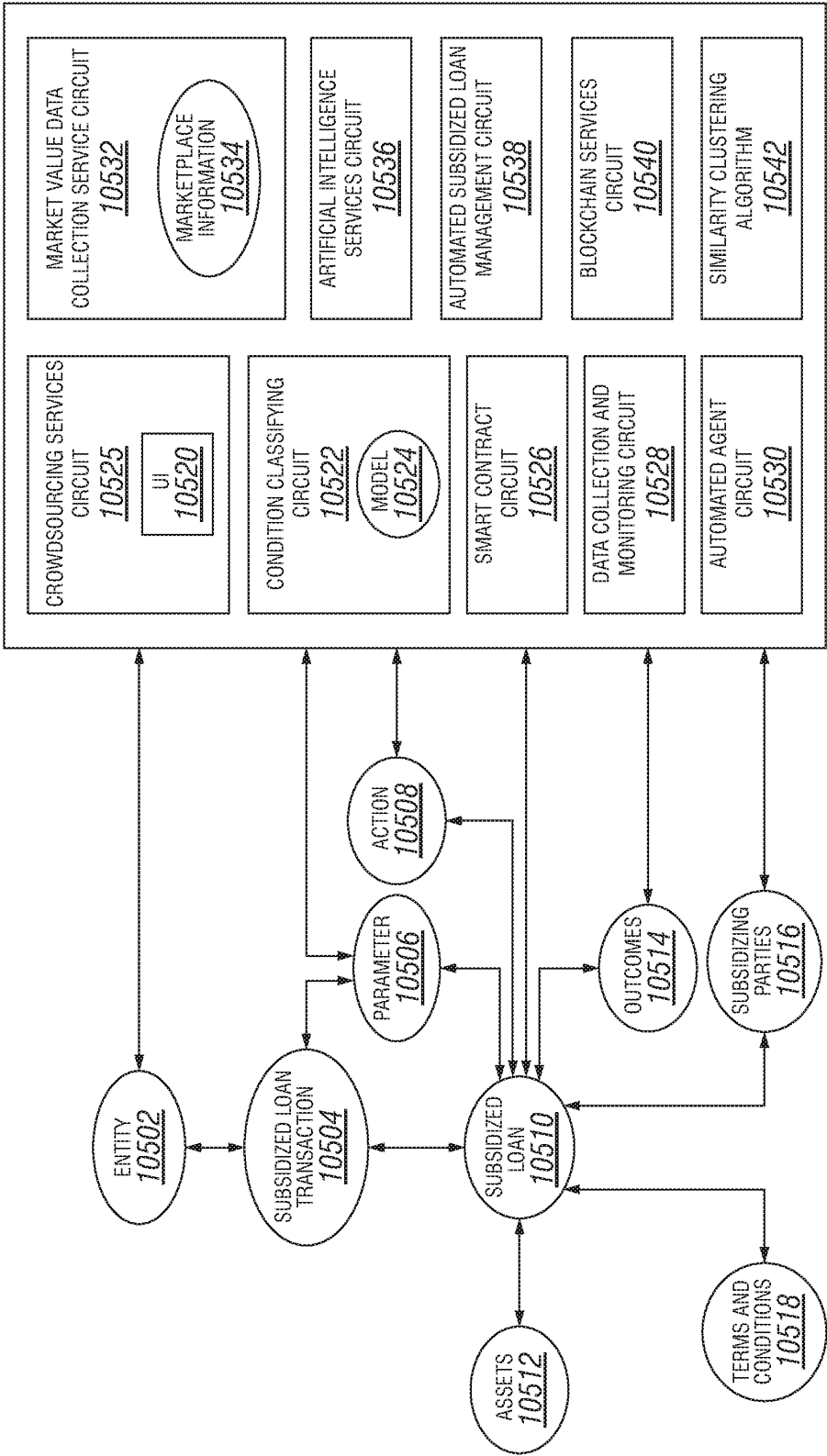


FIG. 105

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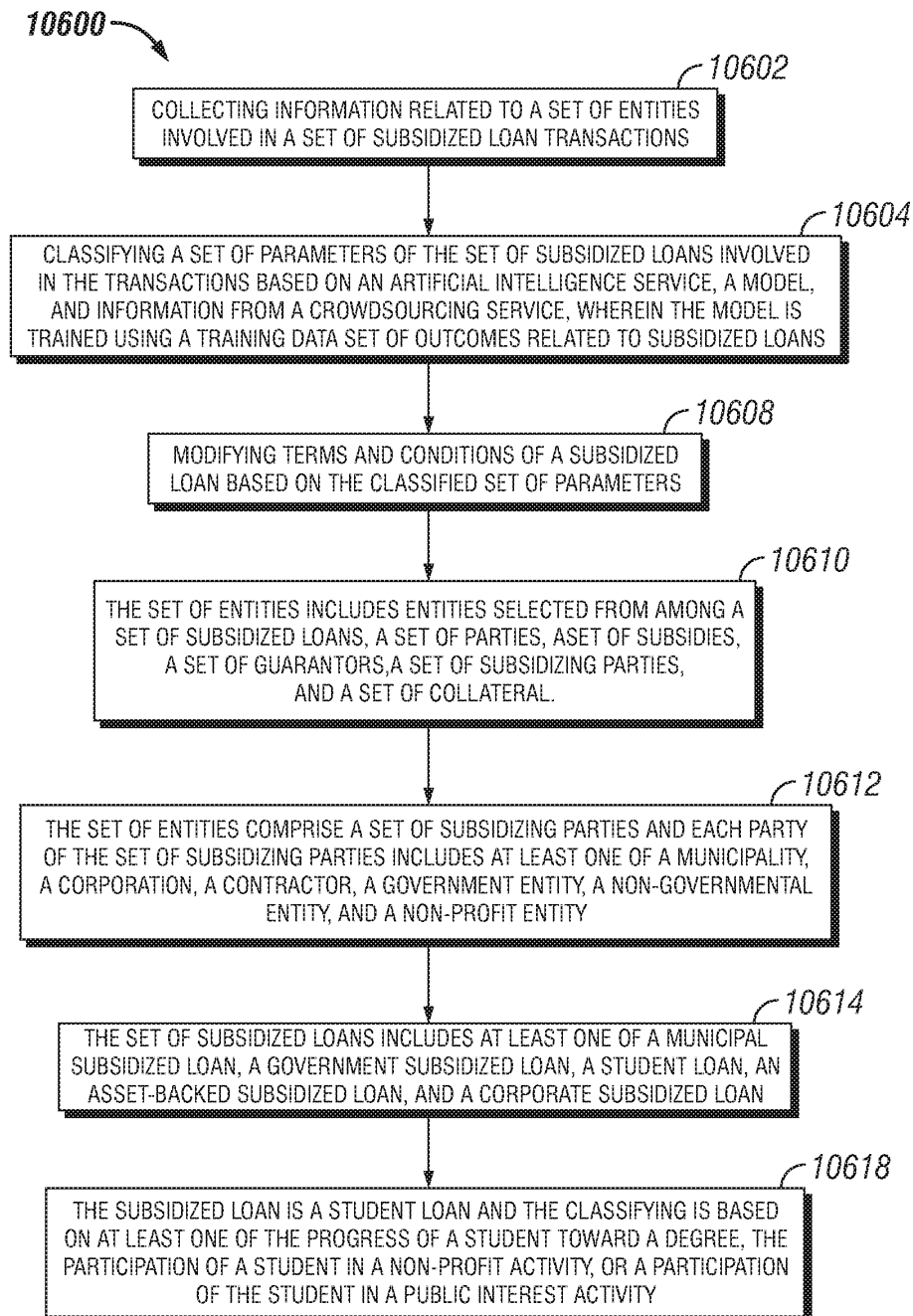


FIG. 106

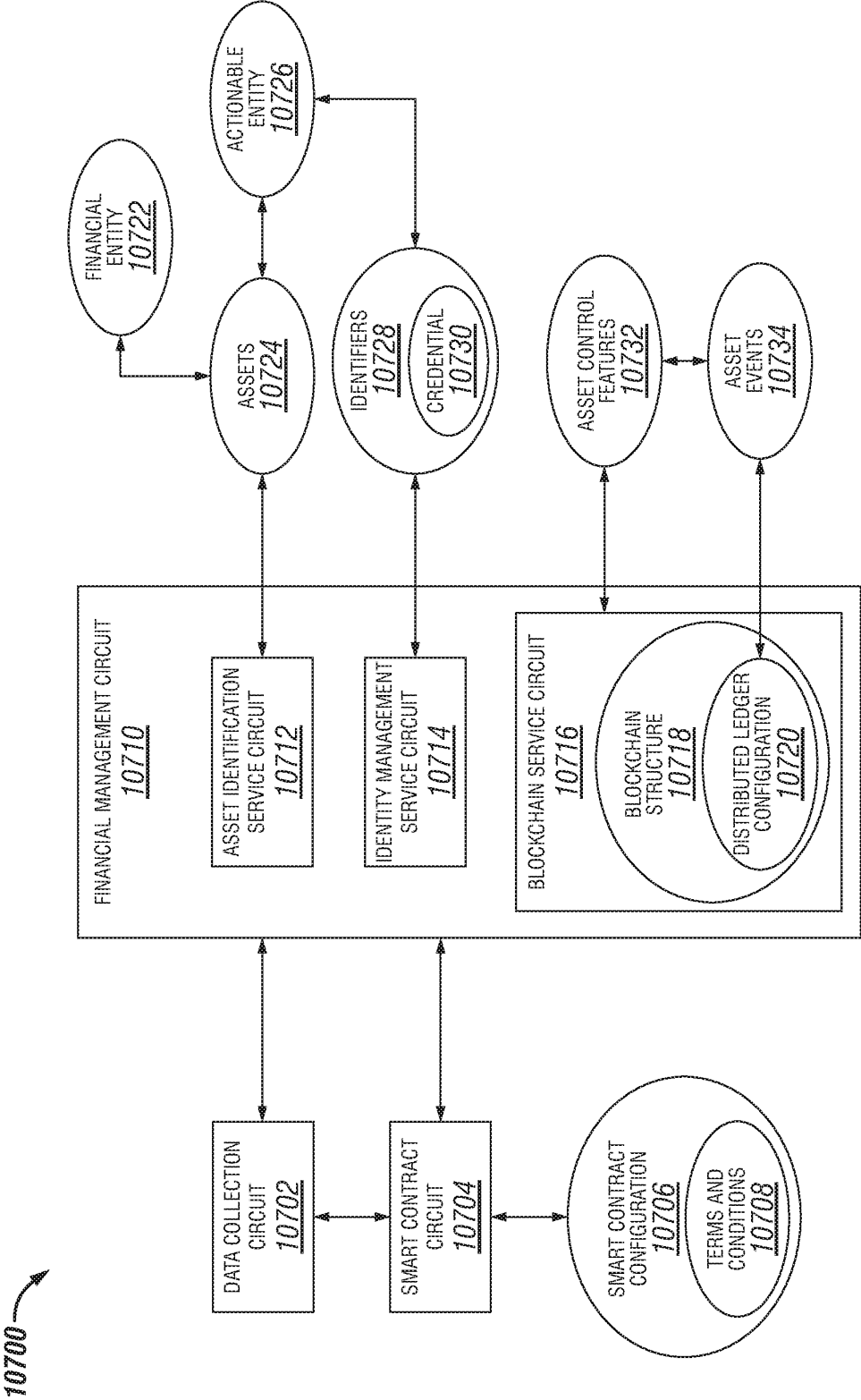


FIG. 107

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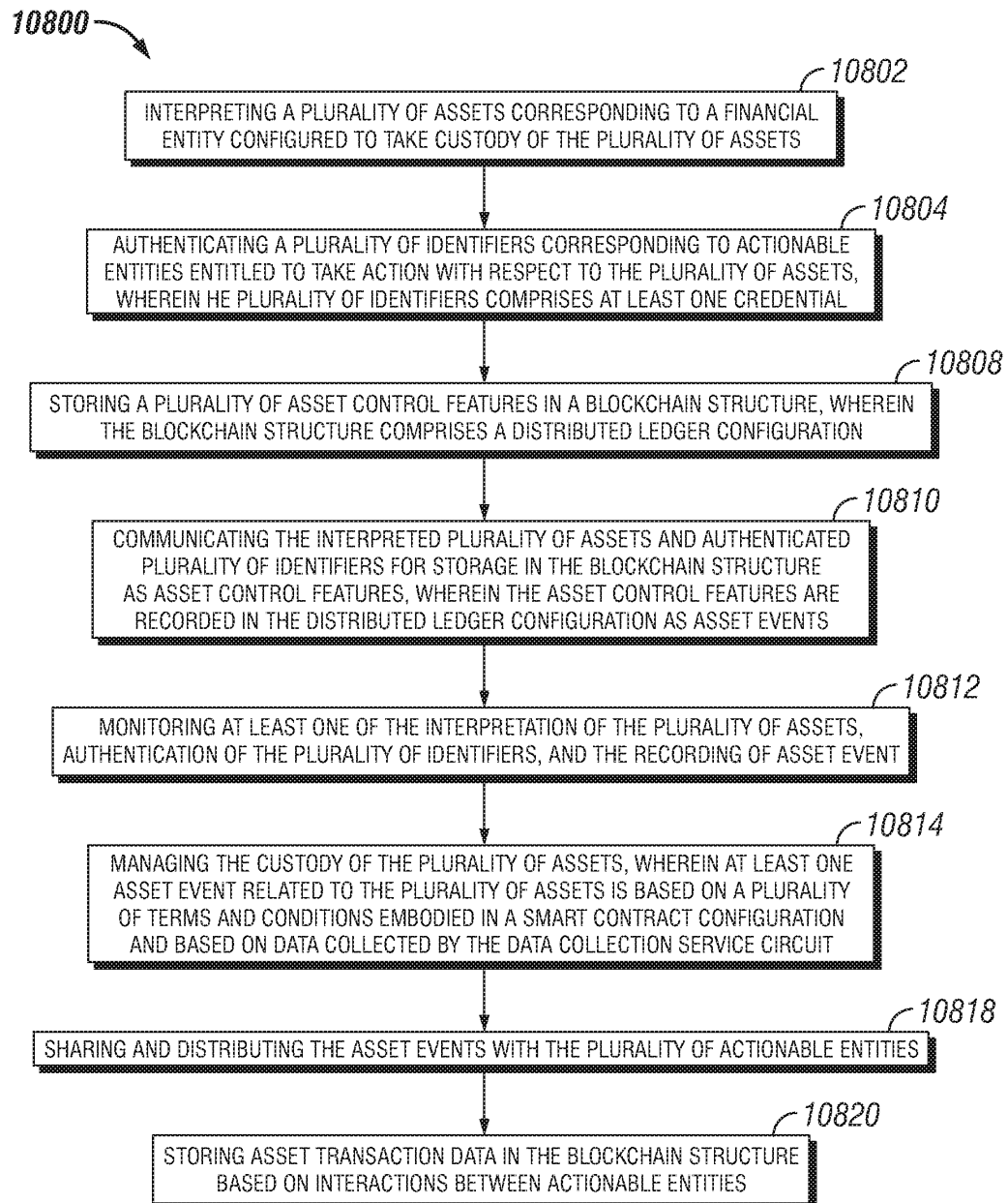


FIG. 108

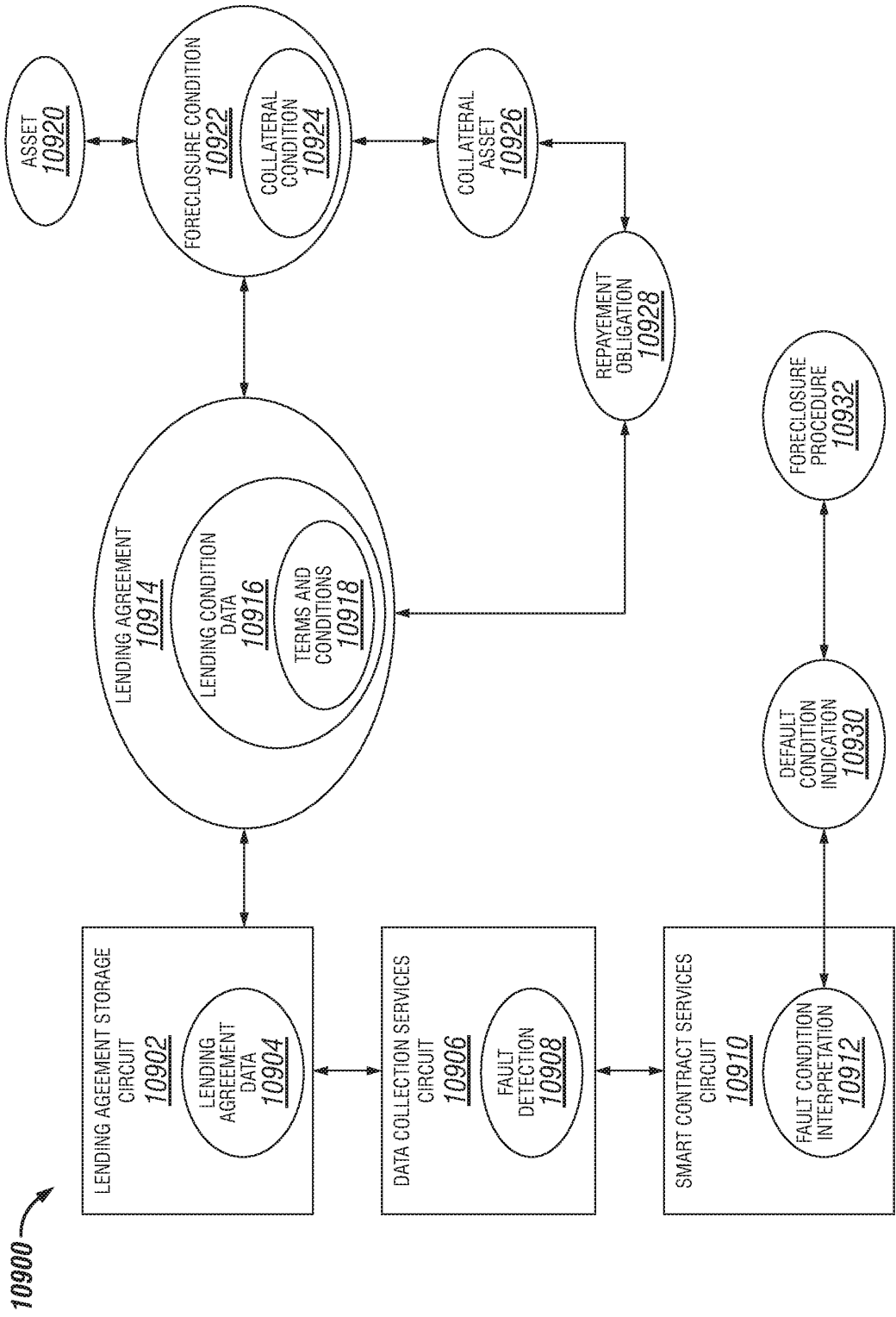


FIG. 109

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11000

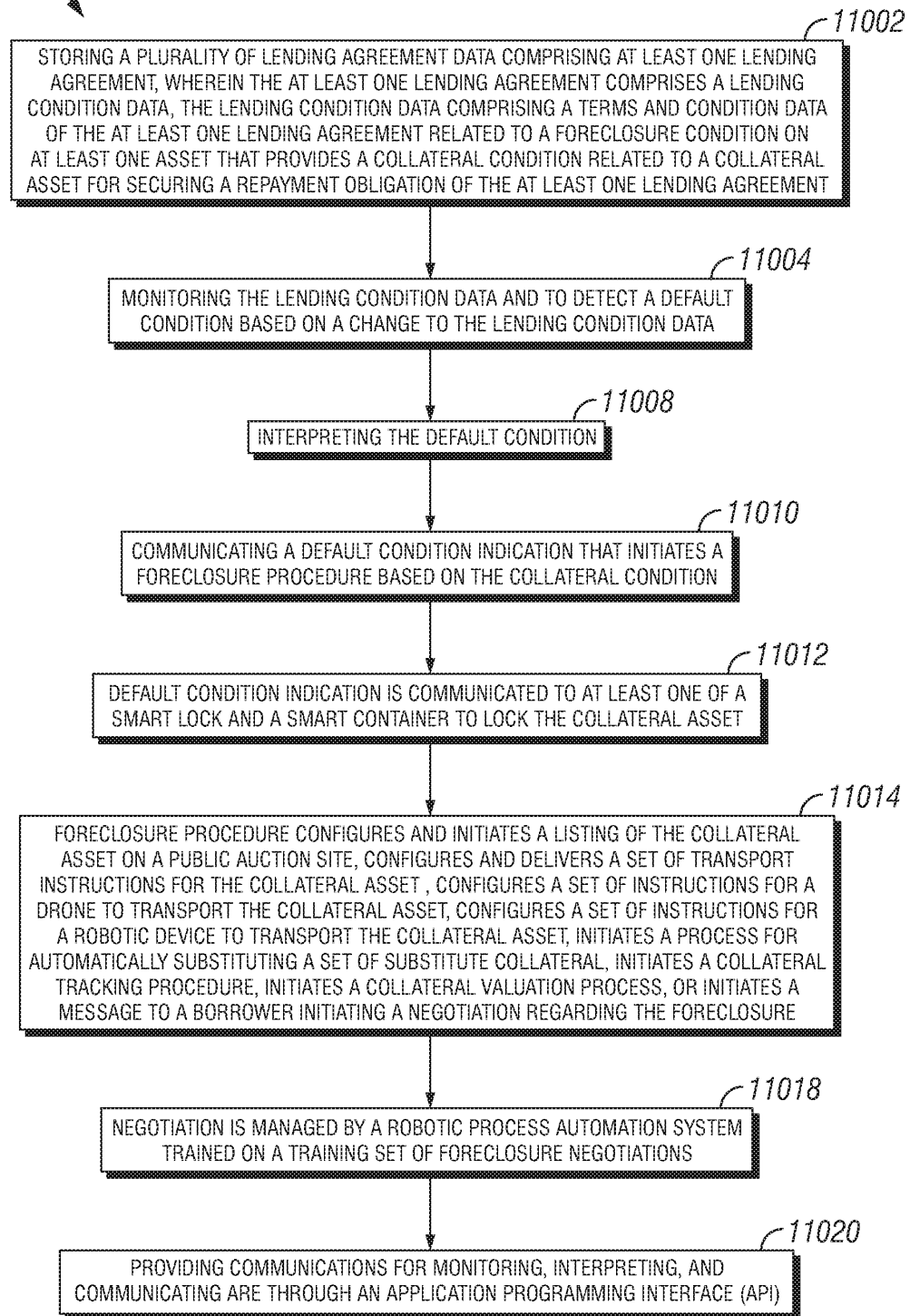


FIG. 110