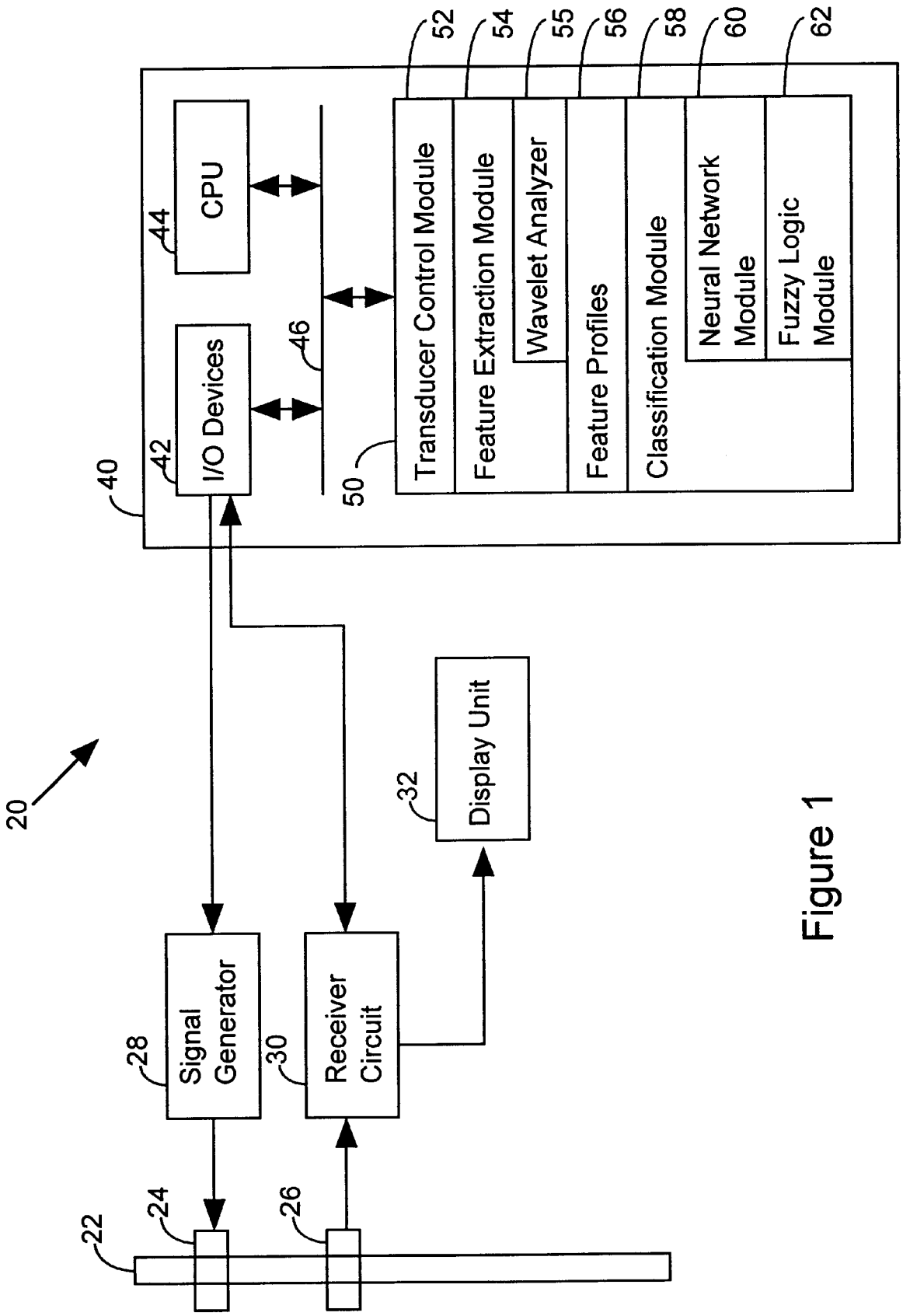
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42
I/O Devices
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CPU
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Transducer Control Module
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Feature Extraction Module
55
Wavelet Analyzer
56
Feature Profiles
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Classification Module
60
Neural Network Module
62
Fuzzy Logic Module
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28
Signal Generator
30
Receiver Circuit
32
Display Unit

Figure 1