19. The system of claim 1 wherein the plurality of antennas are a single resistive substrate, and a plurality of transmitters are coupled to the resistive substrate.

20. The system of claim 1 wherein the transmitted signals are driven in reverse by coupling one transmitter to each user, and coupling the antennas to a single receiver.

21. The system of claim 1 wherein each antenna is coupled to a unique transmitter and associated unique receiver to differentiate multiple simultaneous touches by a single user.

22. The system of claim 1 further including timing signals to differentiate multiple simultaneous touches by a single user.

23. A method for operating a multi-user touch system, comprising:

transmitting uniquely identifiable signals to a plurality of antennas mounted on a surface;

receiving the uniquely identifiable signals when users capacitively coupled the transmitted signal by touching the antennas; and

associating specific touched antennas with particular users when multiple users simultaneously touch any of the plurality of antennas.

24. The method of claim 14 wherein the receivers are capacitively coupled to the users via conductive chairs.

25. The method of claim 14 wherein the capacitive coupling uses near field coupling, and frequencies of the uniquely identifiable signals are under 1 MHz to maximize a signal to noise ratio at the receivers.

26. The method of claim 23 wherein the plurality of antennas are mounted on a tabletop, and further comprising:

projecting an image onto the tabletop.

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