I claim:

1. An architectural decoration panel frame assembly comprising:

a plurality of vertical framing members adapted for installation on a wall surface, the vertical framing member having at least one mounting groove defined by side walls and a bottom floor disposed axially along an outer surface of the vertical framing member;

a plurality of horizontal framing members arranged for mounting on the outer surface of the vertical framing member, each horizontal framing member comprising:

at least one mounting groove defined by side walls and a bottom floor disposed axially along an outer surface of the horizontal framing member;

at least one through hole disposed on the bottom floor of the mounting groove; and

a friction face on the side wall of the mounting groove adapted for interference fit with a mounting assembly affixed on a back face of an architectural decoration panel component for mounting of the architectural decoration panel component on the horizontal framing member;

at least one coupling nut having a rectangular shape with two opposite curved surfaces at corners thereof, the coupling nut being disposed inside the mounting groove of the vertical framing member; and

a coupling screw adapted to traverse the through hole, so as to be screwed into the coupling nut, and rotate to drive the coupling nut to rotate and make the curved surfaces tightly lean against the sidewalls of the vertical framing member, thereby providing a frictional and support force to the side walls of the vertical framing member.

2. An architectural decoration panel frame assembly kit comprising:

an architectural decoration panel frame assembly according to claim 1; and

at least one architectural decoration panel component, the architectural decoration panel component having a front and back face comprising:

an architectural decoration panel on the front face;

a composite material backing layer on the back face, adhered to the architectural decoration panel; and

a mounting assembly having a front end and back end, the front end affixed on the composite material backing layer and the back end having a friction face adapted for interference fit with the friction face of the mounting groove of the horizontal framing member.

3. The architectural decoration panel frame assembly kit according to claim 2, whereby the friction face of the mounting assembly and the friction face of the side walls of the mounting groove of the horizontal framing member comprises transverse strip-shaped threads.

4. The architectural decoration panel frame assembly kit according to claim 2, whereby the front end of the mounting assembly consists of two mounting plates and the composite material backing layer is provided with two chutes adapted to tightly receive the two mounting plates such that the mounting assembly is affixed to the composite material backing layer when the two mounting plates are inserted into the two chutes.

5. The architectural decoration panel frame assembly kit according to claim 4, whereby the two chutes form a splay groove.

6. The architectural decoration panel frame assembly kit according to claim 2, whereby the front end of the mounting assembly comprises two parallel mounting faces and the composite material backing layer is provided with a mounting groove, the mounting groove having two parallel mounting faces, adapted to tightly receive said two parallel mounting faces of the front end of the mounting assembly such that the mounting assembly is affixed to the composite material backing layer when the two parallel mounting faces of the mounting assembly are inserted into the mounting groove.

7. The architectural decoration panel frame assembly kit according to claims 4 or 6, wherein the front end and the back end of the mounting assembly are coupled in a relatively sliding manner in the form of clamping strip and clamping groove.

8. The architectural decoration panel frame assembly kit according to claims 4 or 6, wherein the front end and the back end of the mounting assembly are coupled in a relatively rotating manner in the form of rotating shaft.

9. The architectural decoration panel frame assembly kit according to claim 6, whereby transverse strip-shaped threads are provided on the surface of the two parallel mounting faces of the mounting assembly or the surface of the two parallel mounting faces of the mounting groove.