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SUSPENDED VOLLYBALL SYSTEM

DRAWN	DATE	REV
	7/12/2016	-
SHT. NO.	PART NO.	
1 OF 1	CSV50	

CSVB50

CEILING SUSPENDED VOLLEYBALL SYSTEM

RECOMMENDED APPLICATION

Top quality unit for use in facilities where frequent volleyball court set-up is required. Meets all grade school, middle school, YMCA, club, USVBA, NFHS, and NCAA requirements for competitive play.

FRAMES

System will be comprised of two vertical frame members hinged at the truss connection point to allow the system (net, frames, padding, antenna, etc.) to fold as a single unit. Frames shall be 4-1/2" diameter heavy wall tubing, extended to the floor in the down position, to support tension loads from net and prevent swing loads from play. Frames shall be laterally braced by means of a 2" x 3" rectangular sway brace.

Frames shall be folded to the stored position by means of a 1 hp electric winch.

The frames will provide net attachment rails that have infinite net height adjustment between tennis height and 8'-4" to meet all age group height settings for both men and women.

NET TENSIONER (WINCH)

The net tensioner shall incorporate a heavy duty, self-locking ratchet mechanism with a positive compression clutch brake type release. A high tensile nylon strap will be used with the winch to achieve required net tension.

NET

Net features include 1" diameter wood dowel and 4" square black nylon mesh (250-lbs tensile strength) for excellent performance and durability. Free floating net along 1/8" diameter steel 7 x 19 cable (1,760-lbs. Minimum breaking strength) allows for quick and easy centering of net about the court lines. Nylon straps with metal clips are used to secure net in place. Net shall be 32' length and 39" width. Net perimeter shall have a 2" wide vinyl coated polyester hem that is double stitched. Net meets or exceeds all requirements for most levels of competition.

UPRIGHT PADS

Upright safety pads shall be one single piece 72" in height. Padding shall be constructed with 1 1/2" thick cross-linked polyethylene closed cell foam covered with 14-ounce nylon reinforced vinyl. Attachment to uprights shall be with Velcro® straps. Standard Colors are: white, yellow, orange, red, kelly green, forest green, royal blue, marine blue, navy blue, gray, black, maroon, beige, and purple.

NET ANTENNA AND TAPE

Net antenna shall be 3/8" diameter fiberglass rods 72" long with alternating red and white bands. Net tape shall be white nylon reinforced vinyl 2 1/2" wide with full-length pocket to accept the antenna. Attachment to net shall be full-length quick action Velcro® closures.

United States Patent No.: 7,344,458

Subject to design change and current manufacturing practices.