



*Robinson & Roe*

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# THE FAMOUS GLASS DRESS:

## ROYAL ROBE OF PRINCESS EULALIA.

One of the most unique and famous exhibits at the World's Fair is the spun-glass dress, ordered by the Spanish Princess, on her visit to The Libbey Glass Company's crystal palace, in Midway Plaisance, Saturday, June 10th, 1893. The value of this photograph as a World's Fair souvenir, is enhanced by the following curious facts based on accurate computation.

The glass fibre for the entire dress was spun from solid glass canes, three-eighths of an inch in diameter, whose aggregate was 75.03 feet, and whose aggregate weight was nine pounds and fifteen and a half ounces.

Though this glass-cloth fibre was spun in thirty-seven hours and thirty-nine minutes of constant operation, on a wheel eighteen and three-quarters feet in circumference, making two hundred and sixty revolutions per minute, and woven by young women in thirty hours, on a loom one yard wide; the whole product required many days of hard labor from most careful and experienced workmen.

The continuous length of the yard threads would be one thousand nine hundred and fourteen and six elevenths miles. The warp was of silk thread, the woof of glass threads and silk threads, in the ratio of two hundred and sixty to one, respectively.

The aggregate weight of silk threads was three and three-fifths pounds, making the total weight of the dress (excepting glass fringe trimmings), thirteen pounds and eight and a half ounces. Price of dress \$2,500.00

The glass cloth was sent to Madam Victorene, of New York, who made the dress for the Princess, which The Libbey Glass Co. presented to her Royal Highness.

The application of the spun-glass fibre to dress-goods manufacture was suggested by the renowned actress Georgia Cayvan of Frohman's Lyceum Theatre, New York, who, on her visit to The Libbey Glass Company's crystal palace, in May, ordered made from the magic wheels and looms the first glass dress, in which she now appears en role. Resplendent with softest sheen, no further ornamentations are requisite to the melee of harmonious glitter and lustre into which the foot lights pour their sparkling rays. This commendable tribute of Miss Cayvan to the stage and the weird manufacture of the fairy-like glass-cloth render all visitors at the glass palace eager to view the crystal art room, where both Miss Cayvan and later, Princess Eulalia stood, admiring this marvelous exhibit,—ceiling, tapisserie, lamp-shades, ottomans, painting canvas, upholstery of divans, chairs, etc., all made of spun glass.