ENGLISH GOLDSMITHS' WORK FOR THE CHICAGO EXHIBITION.
The Goldsmiths' and Silversmiths' Company of London have sent several beautiful examples of their art and manufactures to the great International Exhibition in the United States. The subjects of the illustrative designs being of high interest both to England and to America, we proceed to describe these works, and briefly to explain the representations in our engravings.

THE COLUMBIAN SHIELD.
Made entirely of solid silver, panels modeled and chased in high relief. Scenes of the discovery of America by Columbus, the squadron in the port of Palos receiving a priestly bless. ing, Columbus in his vessel pointing out land to the mutinous crew. In center medallion the medallion the raising of the Spanish flag on the American shore ; above, the reception of Columbus, on his return, by King Ferdinand and Queen Isabella of Queen Isabela of and left, seated female figures, one with a horse, the other with a bison, emblematic of Spain and America; below sits a figure holding the model of a ship, symbolical of Navigation. The border of the shield decorated with various American plants and flowers, at the top a medallion portrait of Columbus, and the American eagle, with the flags of Spain and of the United States.

THE SHAKSPERIAN CASKET,
made of eighteen-carat gold on an iron body, with parts damascened ; rich gold mouldings, two gold medallions, six framed enamel paintings; stands on four gold and damascened feet. The front contains, in the center, Shakspere's portrait, from the bust in Stratford Church, and two enamel pictures-namely, those of Titania caressing Bottom with the ass's head, while Puck and Oberon are approaching ; and Proswhile with and Oberon are approaching, pero, with Ariel, at the entrance to the cave, watching
Ferdinand and Miranda. On the back of the casket is Ferdinand and Miranda. On the back of the casket is
a view, in gold repousse work, of Shakspere's birtha view, in gold repousse work, of Shakspere's birth- longion. All sorts of strange people, with strange beplace, with two enamel pictures, one of which is that Europe, Asia, Afrom the uttermost parts of the earth-from of King Lear with his daughter Cordelia, the other is Romeo with Juliet in the moonlight bal cony scene. The pictures at the ends of the casket show, respectively, Othello telling $h$ is warlike adventures to Desdemona and her father and a scene in the "Two Gentlemen of Verona." The lid is elaborately orna mented with charming details; on the summit is Shakspere's crest, the falcon holding a lance; the figures reclining below it are Poetry and Dramatic Art; the masks of Tragedy and Comedy occupy separate medallions. At the base of this casket is a surrounding series of surrounding series of twenty-four subjects
from different plays from different plays
by Shakspere, "The Tempest," "Macbeth
 and CHINESE THEATER.
the pedestal around the base of the clock. The four used outside of conduit tubing and fixtures is reduced sides of the clock are guarded by figures which person- from 16 B. \& S. to 14 B. \& S., and that the use of ify Art, Science, Industry and Engineering. On the top staples is absolutely prohibited. The requirement of is Fame. The clock is musical playing chimes and the English and American national anthems. The twelve figures of players revolve around it with the chimes. fllustrated London News.

## VIENNA AND CHINA IN JUXTAPOSITION.

It is probable there was never brought together within the same space such a curious, wonderful com bination of extraordinary scenes as are presented he Midway Plaisance at the World's Columbian Ex Europe, Asia, Africa, Australia, the islands of the seas,

Underwriters, New Electric Rules
The new rules are the result, with slight modifications, so says the Electrical World, of the deliberations of underwriters' experts held in New York City last August and December, whose meetings also resultd in the formation of the Underwriters' International Electric Association-a body with a well defined field of usefulness before it. With some important excepof usefulness before it. With some important excep
tions, the rules are those formulated and adopted by tions, the rules are those formulated and adopted by
the National Electric Light Association, the departures the National Electric Light Association, the departures
being in the direction of greater stringency. Among the radical and commendable features are the prohibi tion, by implication, of wooden cleats and the require ment that all telegraph, telephone and similar conductors shall be provided with some protective device duct shall be where they enter a building, to obviate danger from cros currents. The requirements that all safety fuses must
be stamped or otherwise marked with the number of be stamped or otherwise marked with the number of
amperes they will carry will greatly abridge the use of fuse wire; while this is greatly to be desired for the on the top of of fuse wire; while this is greatly to be desired for the very questionable $f$ it should be made to apply to the smallest sizes, uch as are used in ceiling rosettes and fixture cut outs. Another prohibition, forunately of little practicalmoment is against the use of multiple-series or series-multiple lighting, which, we presume, does not apply to the use of incandescent arcs, al hough they ar ot note that the smallest gauge of
chased and richly gilt. The columns of the pedestal surmounted by heads of American animals. In the upper panels of the pedestal are the medallion portraits of Franklin, Presidents Washington, Jefferson, Jackson, Lincoln, Grant, Harrison, and Cleveland The lower panels display the sports of running, leap ing, swimming, trotting, yachting, base ball, and cy Twelve figure of players in these and other athl-tic exling and box ing, riding rowing, shoot ing, tennis, cricket, and foot ball, stand amperes they will carry will greatly abridge the use


TAN CASKET FOR THE CHICAGO EXHIBITION from $16 \mathrm{~B} . \& \mathrm{~S}$. to $14 \mathrm{~B} . \& \mathrm{~S}$., and that the use of double absoluith for a single light on a gas fixtur will prevent the use for this purpose of a number of special switches now on the market, and those in regard to electric gas lighting will prevent the use of many of the present forms of electric burners on the same fixture with electric lights. We do not find any reference in regard to the use of flexible cord pendants in places like textile works where there may be an accumulation of highly inflammable material on the lamp cord. It is a matter of no uncommon occurrence for flexible cords to be ignited, without blowing a fuse, and while they are required by the rules to be covered by a non-inflammable layer, yet sufficient heat may be generated to render their use dangerous in the cases re ferred to. The cause of the accident in question is obscure, but it nevertheless exists, and one underwriters' association, at least, requir ed under the circumstances named that the pendants should be of solid No. 18 B. \& S. wire. Taken as a whole, the rules are characterized by sound common sense and show a due appreciation of the in terests of those to whom they are to be applied. Their general adoption now rests with the various insurance companies and associations interested in electrical risks, and it is most sincerely hoped that these bodies will take speedy action toward their adoption, and thus remove a reproach to electrithe "Comedy of Errors" Measure for Measure," and $\quad$ from the icy poles to the heated tropics, are there col- cal inspection which has heretofore existed on ac-
the damascened patterns and arabesques of rich and various device, is British workmanship.

THE CLOCK FOR AMERICA.
Octagonal pedestal, made of the finest American walnut weed decorated with brass ornaments elegantly
lected. In future issues we expect to illustrate several of the most striking of these objects. At this time we give a view of that portion of the Plaisance where some of the quaint buildings of old Vienna are reproduced on one side, while a Chinese theater has been duced on one side, while a chinese theater has been
erected upon the opposite side. To the Chicago Record
we are much indebted for our illustration.

Of the human race, $500,000,000$ are well clothed, that , wear garments of some kind that will cover nakedness ; $250,000,000$ habituriny go naked, and $700,000,000$
only cover the middle perts ness; $250,000,000$ habiturily go naked, a
only cover the middle parts of the body.

