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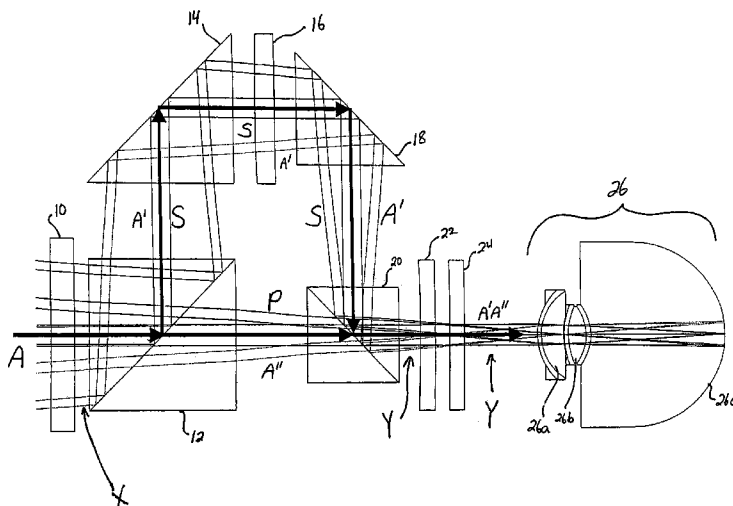
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(54) Title: SIMULTANEOUS VISION EMULATION FOR FITTING OF CORRECTIVE MULTIFOCAL CONTACT LENSES



(57) Abstract: An emulator (50) including a beam splitter (12) for splitting incoming light energy (A) into a first component (A') directed along a first optical path, and a second component (A'') directed along a second optical path distinct from the first optical path. The emulator includes a first receptacle (60) positioned to pass light energy directed along only the first optical path (A'). The first receptacle is capable of receiving an add lens (16, 72) for providing an add power. A beam combiner (20) is positioned to combine light energy of the second component (A'') with light energy of the first component (A') that has passed the first receptacle, i.e. to have the add power applied, and to direct the combined light energy (A'A'') along a common optical path. Additional receptacles are provided that are capable of receiving a sphere (22) and/or a cylindrical lens (24) in position to pass the combined light energy traveling along the common optical path (A'A'').

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