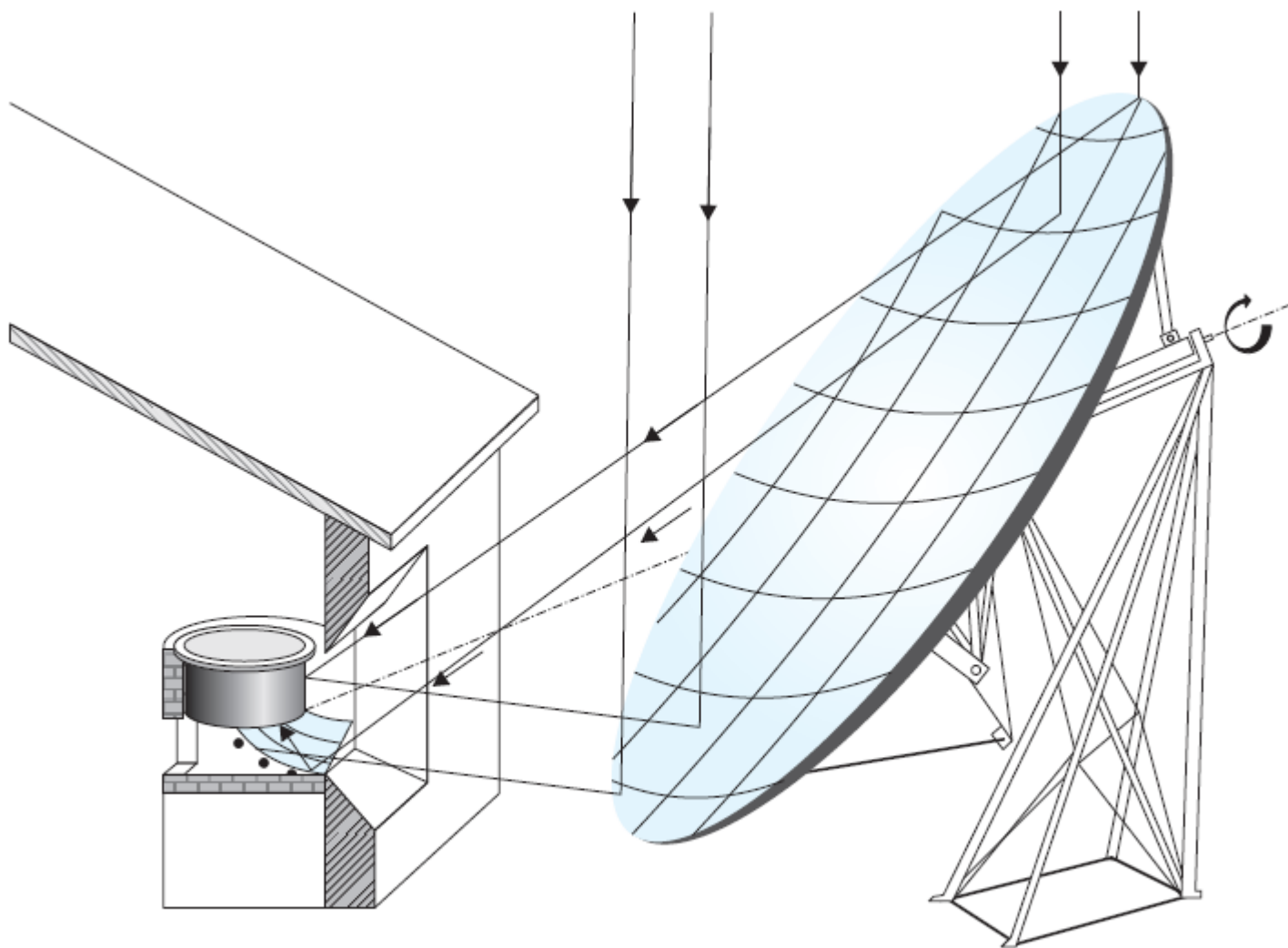


Disques Scheffler



Source: Wolfgang Scheffler, www.Solare-bruecke.org.

Parabole (dish)



Solar Steam Generating Systems

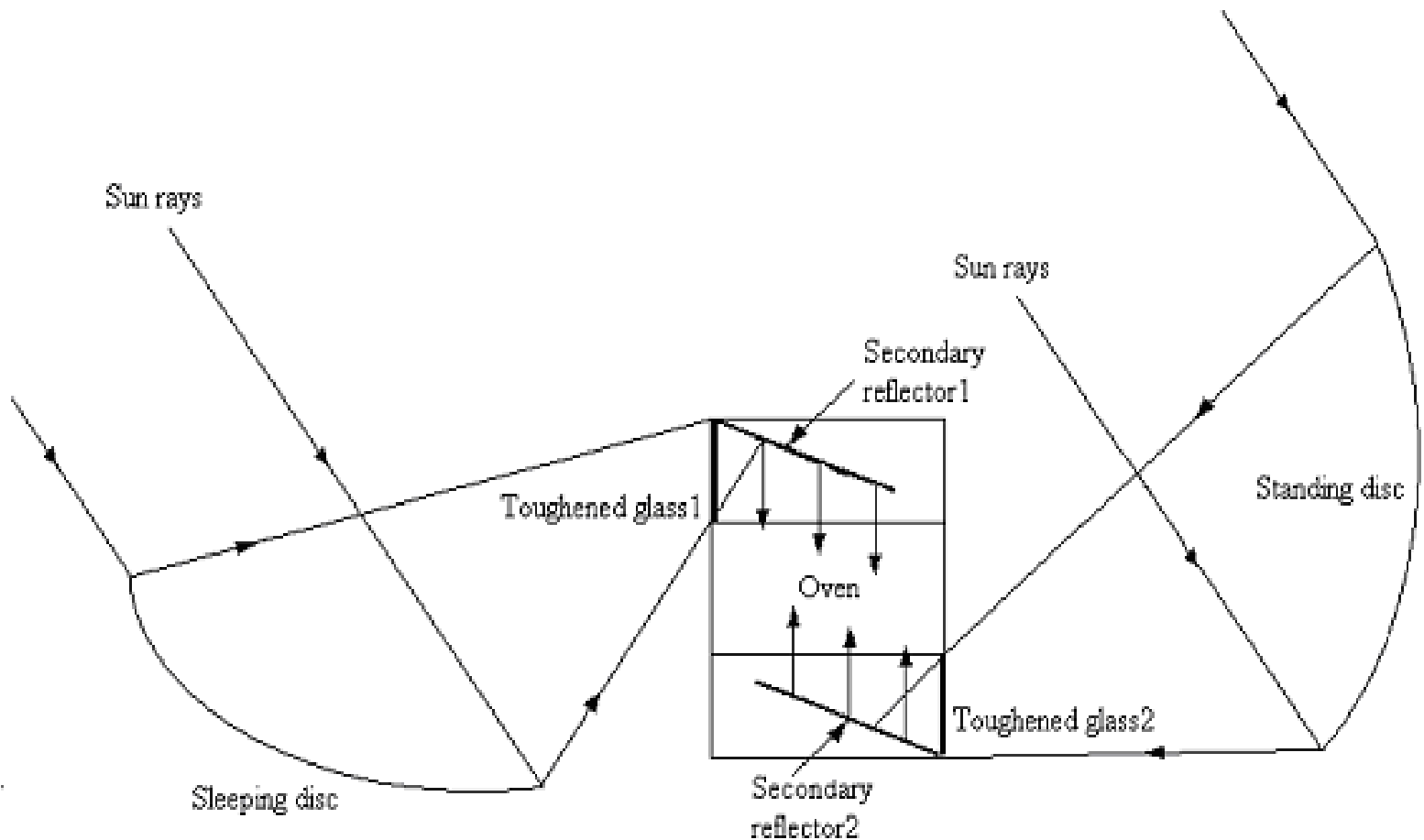


MNRE

- Scheffler dishes with fixed receiver & automatic single axis tracking in promotion for steam applications
- Suitable for places where low pressure steam is being generated through boilers using conventional fuel
- Installed in hybrid mode can save significant amount of fuel
- A typical system of 100 sq. m. dish area costing Rs. 12-14 lakhs can save around 4,500 litres of diesel per year
- Over 60 systems with 15,000 sq. m. area installed so far
- World's largest system installed at Shirdi (a religious place) for cooking food for 20,000 people/ day
- Up to 50% support available from MNRE



Disques debout et dormant





Solar Steam system at a Laundry

- 240 sq. m. solar dish system installed at Gajraj Cleaners, Ahmed Nagar, Maharashtra for washing & cleaning
- System hooked up with existing boiler is generating about 105 kg of steam per hour at 5 kg pressure
- Annual saving through furnace oil is around 10,000 liter/yr
- Paid back the cost in 4 yrs with depreciation benefit





04/09/2008

Solar system of 92 TR air-conditioning plant at TVS Suzuki Factory, near Chennai