

CIBSE HERITAGE GROUP

Newsletter No. 32 June 2015

The Heritage Group January visit was to the Liverpool Royal Infirmary.



In 1885, the architect Alfred Waterhouse was commissioned to design the new hospital. He finalised his plans in 1887 with a scheme that included eight Nightingale pavilion-style wards and two circular ward blocks. His design included an operating theatre and viewing gallery, a lecture theatre, a chapel and mortuary and a station for horse-drawn ambulances with stables and hay and harness store. The builder was Messrs Home & Green. The final cost was £181,000 and the hospital was opened in 1889 with a commemorative ball held in St George's Hall. The building services engineer was Wilson Weatherley Phipson who designed a steam heating system employing 2 x 50 hp Galloway steam boilers serving Longden "Sunbeam" radiators, kitchen, ventilation coils, laundry, pumped services and disinfection apparatus. Today, there are 21st century gas-powered electricity generator sets installed within the old 19th century Phipson boiler house, operating with an adjacent, modern energy centre.

Contemporary photographs of Liverpool Royal Infirmary from the Heritage Group Archives. See also Victorian Hospitals on our website.



The Hospital in 1908



The Outpatients Department opening on 6 March 1911

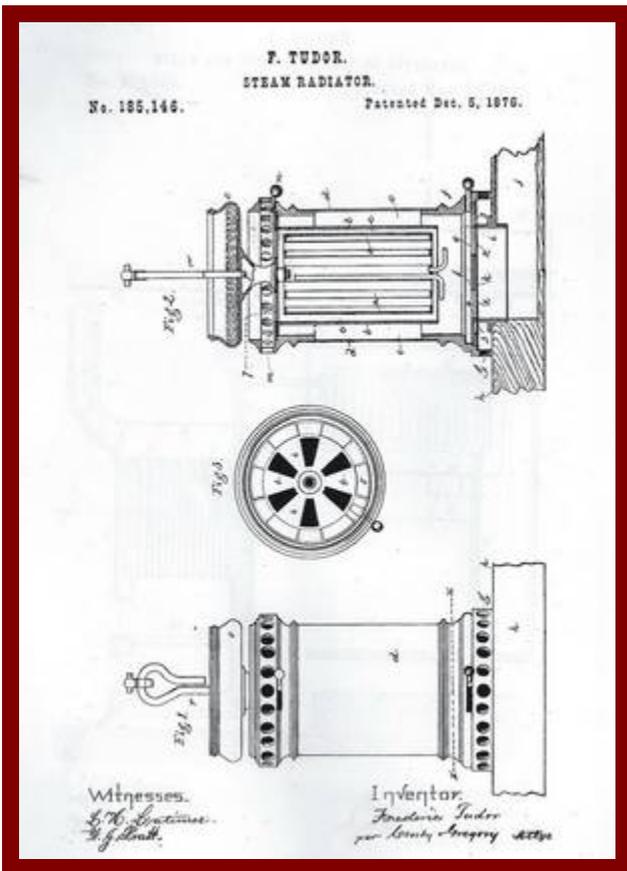


A group of doctors and nurses in a Circular Ward with (left) an ornamental radiator

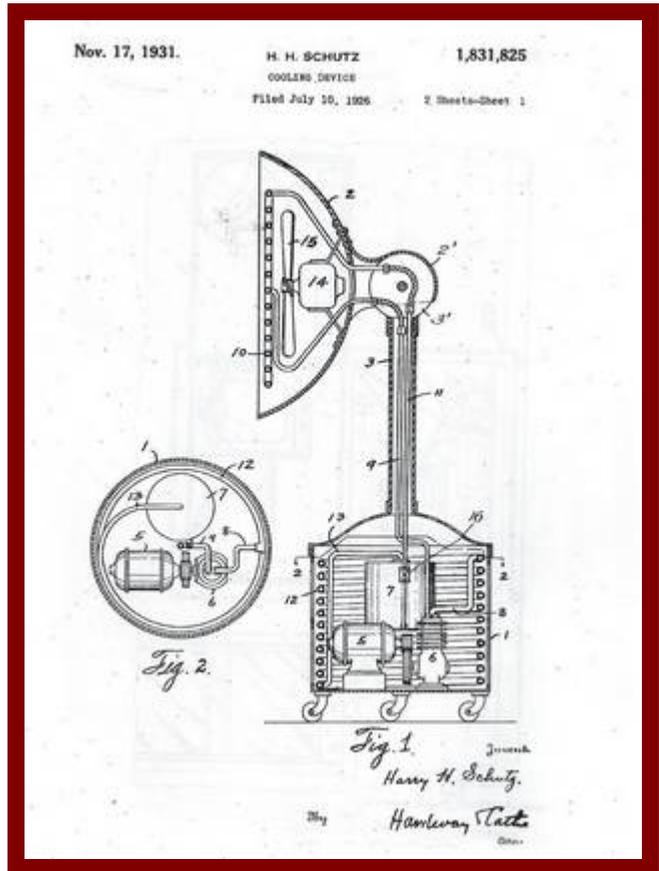


Postcard dated May 1911 showing one of the four Nightingale Wards

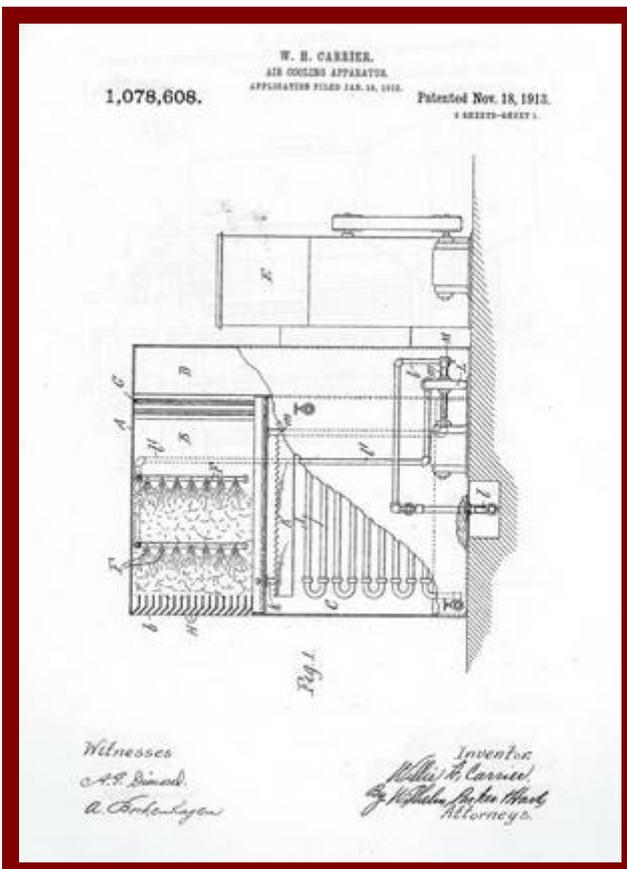
In 2014 the Heritage Group put together a collection of US Patent drawings of HVACR equipment from which four examples are shown below. The complete Collection can be seen on our website.



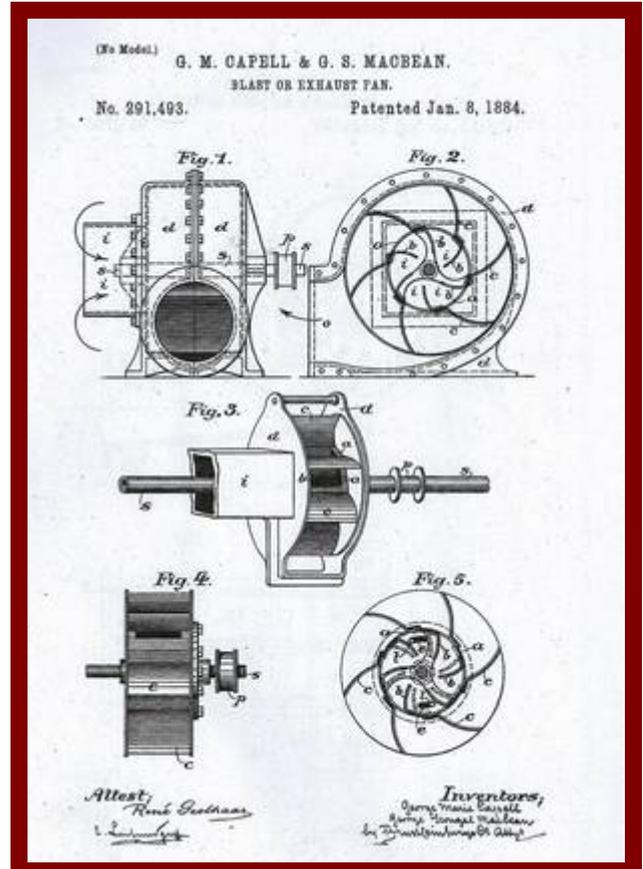
Steam Radiator (Tudor 1876)



Portable Cooling Device (Schutz 1926)

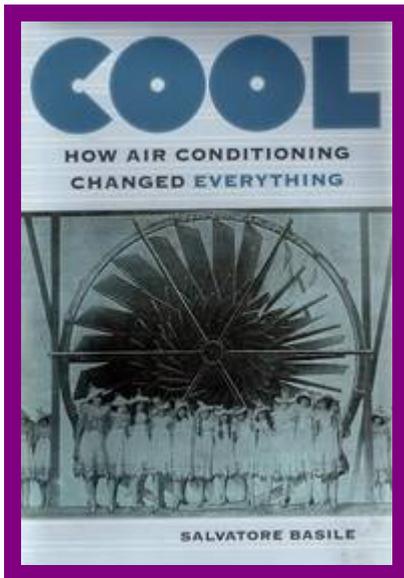


Air Cooling Apparatus (Carrier 1918)

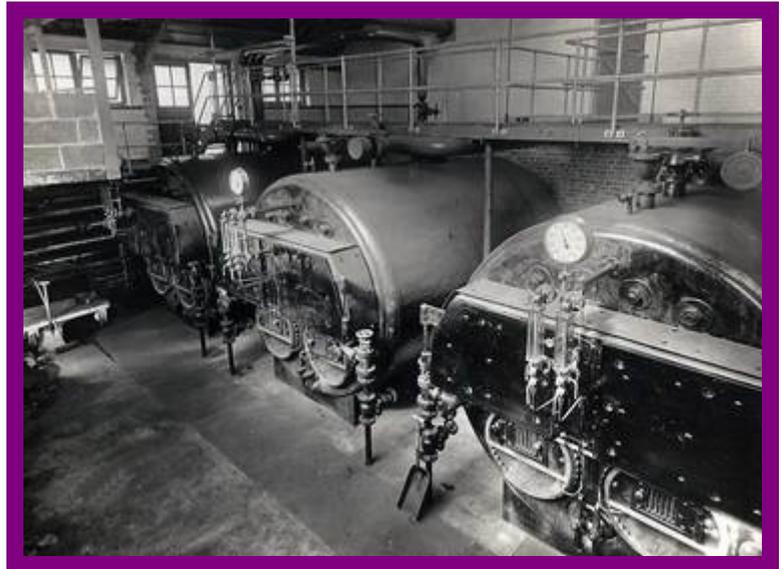


Blast/Exhaust Fan (Capell & Macbean 1884)

Some of the recent additions to the Heritage Group Archive Collection



A Social History 2014



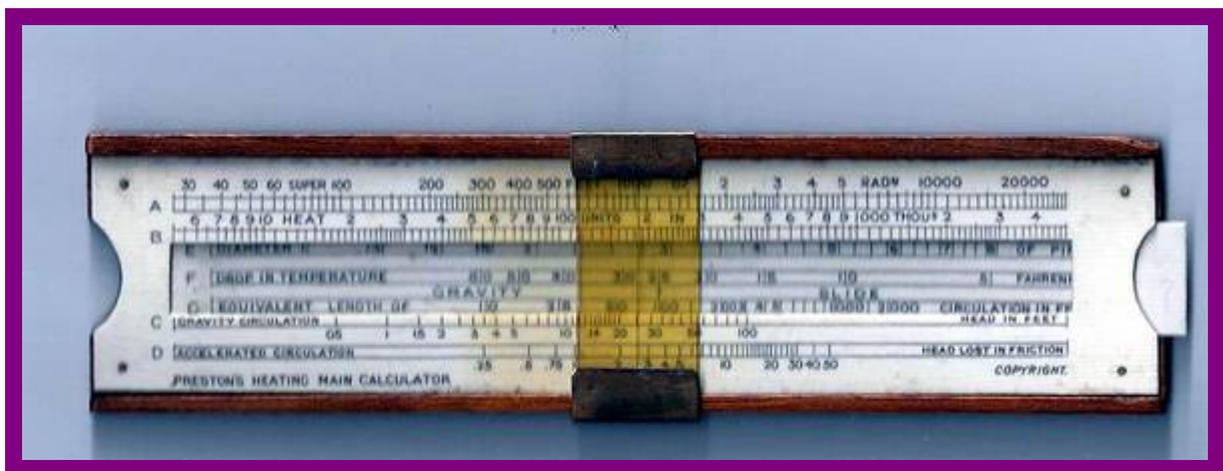
H J Cash installations: Redhill Hospital boilers 1934



*Dr David Boswell Reid 1805-1862
Paper by Neil Sturrock, CIBSE Journal*



Negretti & Zambra Whirling Sling Hygrometer, c.1966



J Roger Preston's Heating Main Calculator for gravity & accelerated circulation, 1920's

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