```
hadd_clauses  THM

⊢  all
   (λn:hnum. all
             (λm:hnum. and
                       (equal(add(0,m),m)
                       ,and
                        (equal(add(m,0),m)
                        ,and
                         (equal(add(suc(m),n),suc(add(m,n)))
                         ,equal(add(m,suc(n)),suc(add(m,n))))))))
  by HOL "hadd_clauses"
END
```