IE

ntréal.

Gaspé. Chaleurs.

dans la

de Québec.

des Trois-

ntréal.

RIENNE

Province. Luébec. Intréal. A General Rule to turn any given Currency into any Currency required.

RULE 1. Let the value of the Spanish Dollar be expressed in Shillings, or Pence, in each of the Currencies, writing them in form of a Fraction,

and making the { given required } Currency the

Denominator Numerator of the Fraction.

2. Reduce this Fraction to its least terms, and it will serve as a constant Multiplier, by which any sum of the given Currency being Multiplied, it will be converted into the Currency required.

N. B. When the Fraction is not an improper one the Multiplier will become a Divisor.

Example 1. To form a rule for changing Sterling at 4/6. per Dollar into New-York at 8/. per Dollar.

Here Sterling is given, and York required:
The Dollar

in { York is 8/. or 96 Pence Numerator } Sterling 4/6. or 54 Pence Denominator.

Therefore $\frac{96}{5+}$ is the Multiplier fought, which reduced to its least terms becomes $\frac{16}{9}$ or $1\frac{7}{9}$ therefore if Sterling be Multiplied by 16 and divided by 9, the result will be York, thus $\frac{16}{9}$ is the same as 2 into $\frac{8}{9}$, but $\frac{8}{9}$ is the same as 1 less $\frac{1}{9}$, therefore 2 into $\frac{8}{9}$ is equal to 2 into 1 less $\frac{1}{9}$, which is that Rule, expressed shorter thus, $\frac{16}{9} = 2 \times \frac{8}{9} = 2 \times 1\frac{1}{9}$.