

He shows that the gold coinage of the United States is very nearly metrical. The standard dollar contains very nearly  $1\frac{1}{2}$  grams of fine gold, the weight being 1.5046+ grams, and weighs nearly  $1\frac{1}{3}$  (1.6718+) grams, the standard of tuncess being 9-10ths fine gold to 1-10th alloy. All other gold coins of the United States are in proportion.

Mr. Elliott further shows that by reducing the standard weight of the United States gold coins about 3 parts in 1000 they would be strictly metrical. The standard gold coins of the United States and Germany would then have simple relation with each other, as follows:—

3 union crowns = 20 metric dollars.

1 union crown =  $2\frac{2}{3}$  metric dollars.

Mr. Elliott proceeds to say that it is desirable the union crown (*vereins-krone*) of Germany, the gold dollar of the United States, the gold franc of France, and the gold pound and the gold penny of Great Britain should have simple relations with each other, in point of value, so that the following equivalents may obtain, namely, 3 union crowns = 20 dollars = 100 francs = 1000 pence (gold) or 4 pounds each of 25 pence.

The equivalents thus proposed now contain the following weights in pure and fine gold respectively, as stated by Mr. Elliott:—

	Fine Gold, Grams.	Weight of Coins 9-10 Fine, Grams.
" 3 union crowns of Germany (gold) . . . . .	30	$33\frac{1}{2}$
20 U. S. dollars (gold) . . . . .	30.0926+	33.4362+
100 French francs (gold) . . . . .	29.032258+	32.25806+
1000 British pence sterling (gold) . . . . .	30.5100—	33.8099+
4 British pounds sterling (gold) . . . . .	29.2895+	32.5439+
(960 pence sterling.)		

" (The present fineness of British gold coins is 11-12, instead of 9-10, to which their gold contents are reduced in the preceding table.)

" It is obvious that the above-mentioned equivalents do not greatly differ from each other in value; and the chief point of practical moment soon to be decided by commercial nations is whether 30 or 29.032258+ grams of fine gold—the former the GERMAN STANDARD, the latter the FRENCH STANDARD—shall represent or define their value. It is confidently hoped that the decision will be in favor of the former, on the sole ground of metrical simplicity.

" We shall then have—

3 union crowns (gold)	=	30 grams fine gold	=	$33\frac{1}{2}$ grams standard gold.
20 metrical dollars (gold)	"	30 " "	"	$33\frac{1}{2}$ " " "
100 metrical francs (gold)	"	30 " "	"	$33\frac{1}{2}$ " " "
1000 metrical pence (gold)	"	30 " "	"	$33\frac{1}{2}$ " " "
4 metrical pounds (gold)	"	30 " "	"	$33\frac{1}{2}$ " " "

#### GERMANY—METRICAL GOLD COINAGE.

*Metrical Gold Coins useful in Germany, for International Commerce.*

A piece of 3 gold crowns, containing—of fine gold, 30 grams; of standard gold,  $33\frac{1}{2}$  grams.  
A gold crown, containing, as now—of fine gold, 10 grams; of standard gold, 11 1-9 (or 100-9) grams.

A gold half-crown, containing, as now—of fine gold, 5 grams; of standard gold, 5 5-9 (or 50-9) grams.

A piece of 3 metric species-thaler = 4 metric thaler (North German.) = 6 metric florins (Austrian) = 7 metric gulden (South German) and containing—of fine gold,  $4\frac{1}{2}$  grams; of standard gold, 5 grams.

24 of these metric gold thalers and florins would be very nearly equivalent to 25 of the existing silver thalers and florins—assuming the market value of gold to be 15 7-16 times that of silver, which has been about the average ratio of value for the past 16 years.

#### UNITED STATES OF AMERICA—METRICAL GOLD COINAGE.

*Metrical Gold Coins useful in the United States of America, for International Commerce.*

A piece of 20 metrical dollars, (double-eagle,) containing—of fine gold, 30 grams; of standard gold, (9-10 fine,)  $33\frac{1}{2}$  grams.

A piece of 10 metrical dollars, (eagle,) containing—of fine gold, 15 grams; of standard gold,  $16\frac{1}{2}$  grams.

A piece of 5 metrical dollars, (half-eagle,) containing—of fine gold,  $7\frac{1}{2}$  grams; of standard gold, 8 1-2 grams.

A piece of 3 metrical dollars, containing—of fine gold,  $4\frac{1}{2}$  grams; of standard gold, 5 grams.

A piece of 1 metrical dollar, containing—of fine gold  $1\frac{1}{2}$  grams; of standard gold,  $1\frac{1}{2}$  grams.

The United States gold coin of 20 dollars now contains—Of fine gold, 30.0926 grams; of standard gold, 33.4362 grams.

1003 of the new or metric dollars will be almost exactly equivalent to 1000 dollars of the old or existing coinage.

The proposed standard differs so little from the existing, that *recoinage will not be necessary*. So also with regard to the coins of certain other countries.

#### GREAT BRITAIN—METRICAL GOLD COINAGE.

*Metrical Gold Coins useful in Great Britain, for International Commerce.*

A piece of 1000 metrical pence, (or 4 metrical pounds,) containing—of fine gold, 30 grams; of the proposed standard gold, (of 9-10 fineness,)  $33\frac{1}{2}$  grams.

A piece of 250 metrical pence, (or 1 metrical pound,) containing—of fine gold,  $7\frac{1}{2}$  grams; of the proposed standard gold, 8 1-2 grams.

A piece of 150 metrical pence, containing—of fine gold,  $4\frac{1}{2}$  grams; of the proposed standard gold, 5 grams.

A piece of 50 metrical pence, containing—of fine gold,  $1\frac{1}{2}$  grams; of the proposed standard gold,  $1\frac{1}{2}$  grams.