

Important Letter

1 Section 1

1. Important Declaration¹
2. Second Important Declaration²

2 Section 2

3. Third Important Declaration³
4. Fourth Important Declaration⁴

3 Section 3

5. Fifth Declaration with enumeration⁵
 1. Item 1⁶
 2. Item 2⁷

4 Proof

6. The SHA-256 sums of the assertions in this letter are enumerated below in the OCR-B font. The SHA-256 sum of those comma separated sums (5489...4e06) is in the following PDF417 barcode. My (Replace this with your GPG fingerprint) signature of that sum proving my authorship of this letter is stored in the QR code on the final page. This declaration is the only one not hashed below.



Notes

¹13cd0a2f57a3d747b9cd54f5a6258337fc6f282fe919153615d2fdcaf31c56f5
²392de142d7ded388de384d8e028d46201f762f8ff bdc2879596dd303de05d032
³d2461dd6207b45975c5ae75df8e347a0defaec69e8bfd7a4a402660b5f736272
⁴8f8c430345b6dfcf d9e195090d7cfcd8e4e9daa06cb0e2309c3bf4a7aa3aac7a
⁵1f40d644ba2b4628c6980937c59f6b0d36a502a2929d8ff f7e7c7c531de38504
⁶42fd096469c6430f979b62452aace282999473a34ec04d2a3124408eef06163a
⁷035e16c29c4656996ccb6ce9988c05e4236f1bd98d21a0b16dfeba179709be3a



5 How To Validate This Letter

5.1 SHA-256 Sums Of Each Line

Ensure the sum of every declaration is identical to that given in the endnotes. Only do this for lines with an endnote number at the end and do not include the number. Use the cut command to remove the filename from the output of sha256sum so only the hash is written to sums.txt. For example:

```
1 echo "Important Declaration" | sha256sum | cut -d " " -f 1 >> sums.txt
2 cat sums.txt # Run this when finished with all sums
```

5.2 SHA-256 Sum of Collective Sums

Ensure that the SHA-256 sum of the collective sums in the endnotes section is equivalent to the content¹ of the PDF417 barcode at the end of the document. The sums should be comma-separated with a trailing comma and have no whitespace.

```
1 cat sums.txt | tr "\n" "," | sha256sum | cut -d " " -f 1 > finalsum.txt
2 cat finalsum.txt
```

5.3 GPG Signature

Ensure that the cryptographic signature is valid for the public key of the author. The availability of this key is the responsibility of the author. If this system was used correctly, the above QR Code should contain a detached PGP signature. For the example below, place the QR code content in a file called finalsum.txt.asc.

```
1 gpg --verify finalsum.txt.asc
```

¹548950b95c2901af1b3b18f74a0c5f9dc39ea598414265a76f1e64de33904e06 for this document