

# Important Letter

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## 1 Section 1

1. Important Declaration<sup>1</sup>
2. Second Important Declaration<sup>2</sup>

## 2 Section 2

3. Third Important Declaration<sup>3</sup>
4. Fourth Important Declaration<sup>4</sup>

## 3 Section 3

5. Fifth Declaration with enumeration<sup>5</sup>
  1. Item 1<sup>6</sup>
  2. Item 2<sup>7</sup>

## 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

<sup>1</sup>13cd0a2f57a3d747b9cd54f5a6258337fc6f282fe919153615d2fdcaf31c56f5  
<sup>2</sup>392de142d7ded388de384d8e028d46201f762f8ff bdc2879596dd303de05d032  
<sup>3</sup>d2461dd6207b45975c5ae75df8e347a0defaec69e8bfd7a4a402660b5f736272  
<sup>4</sup>8f8c430345b6dfcf d9e195090d7cfcd8e4e9daa06cb0e2309c3bf4a7aa3aac7a  
<sup>5</sup>1f40d644ba2b4628c6980937c59f6b0d36a502a2929d8ff f7e7c7c531de38504  
<sup>6</sup>42fd096469c6430f979b62452aace282999473a34ec04d2a3124408eef06163a  
<sup>7</sup>035e16c29c4656996ccb6ce9988c05e4236f1bd98d21a0b16df eba179709be3a



## 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 sum() { echo $1 | sha256sum | cut -d " " -f 1 }
2 sum "Important Declaration" >> sums.txt
3 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 content<sup>1</sup> 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
```

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<sup>1</sup>548950b95c2901af1b3b18f74a0c5f9dc39ea598414265a76f1e64de33904e06 for this document