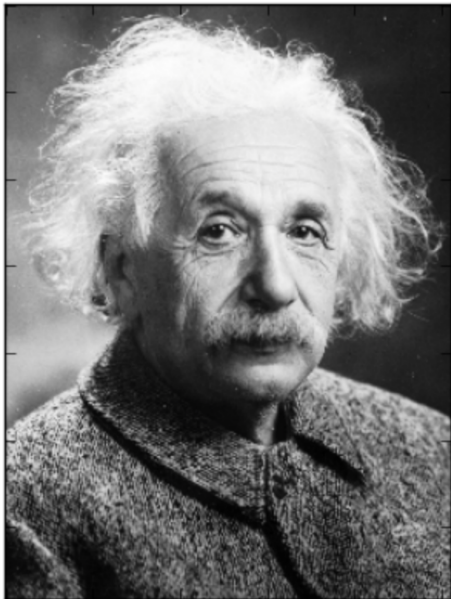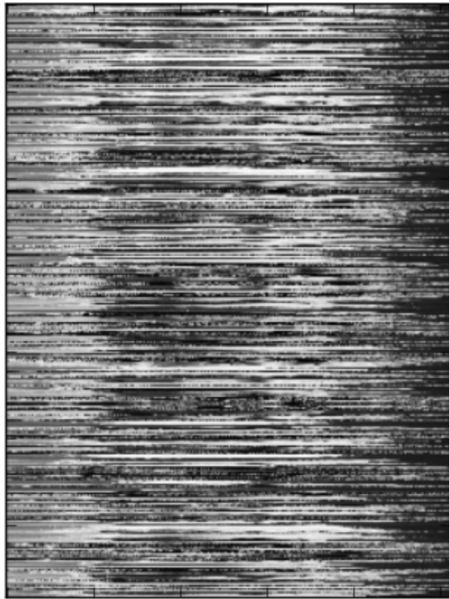**Original image**   **Input dataset**   **Sequencer output**