Python Code

```python
1  import torch
2  D, C = 40000, 10
3  m1 = torch.randn(C, D, 2).cuda()
4  model = torch.nn.ConvTranspose2d(
       C, 2, kernel_size=(1, 1),
       stride=(200, 200)).cuda()
5  model(m1)
```

CUDA Code

```cpp
1  // C++ Code at::native::...::slow_conv_transpose2d
2  int64_t n_elements_64 =calculate_total_elements(...);
3  int n_elements_32 = (int)n_elements_64; // Integer Overflow
4  dim3 grid =calculate_grid(n_elements_32);
5  col2im_kernel<<<grid, block, ...>>>(...);

6  // CUDA Device Code at::native::col2im_kernel
7  __global__ void col2im_kernel(..., float*output)
8  {
9      int64_t index =blockIdx.x *blockDim.x+threadIdx.x;
10     output[index] = ...; // Accessing invalid memory
```