# 305.https://stackoverflow.com/questions/71719909/ethers-js-erc721a-transfer-from-incorrect-owner-metamask-error

**T:**Ethers.js - "ERC721A: transfer from incorrect owner" MetaMask Error

**Q:**My goal is to setApprovalForAll for a token contract before executing the safeTransferFrom function for each tokenId in the NFT collection. This way I will be able to transfer NFTs to another address without MetaMask asking for several approvals.  
  
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However I am getting an error upon executing the safeTransferFrom function, the following error is triggered:  
  
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This happens even after I have called the setApprovalForAll function. The setApprovalForAll transaction seems to have also went through successfully:  
  
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but calling isApprovedForAll says otherwise (view comment on line 16 in code).  
  
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I believe it is possible the error is raised because of me not calling the setApprovalForAll function properly, because why else would isApprovedForAll return false?  
  
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document.querySelector('.click-me').onclick = async () => { const provider = new ethers.providers.Web3Provider(window.ethereum); const signer = await provider.getSigner(); const CONTRACT\_ADDRESS = '0x...'; // token contract address const RECEIVER\_ADDRESS = '0x...'; // this address expected to get approval for all const ABI = [ 'function setApprovalForAll(address operator, bool \_approved)', 'function safeTransferFrom(address from, address to, uint256 tokenId)', 'function isApprovedForAll(address owner, address operator) view returns (bool)' ]; const contract = new ethers.Contract(CONTRACT\_ADDRESS, ABI, signer); try { const isApproved = await contract.isApprovedForAll(CONTRACT\_ADDRESS, RECEIVER\_ADDRESS); console.log(isApproved); // returns false even after several attempts await contract.setApprovalForAll(RECEIVER\_ADDRESS, true); // seems to work fine, even shows in MetaMask activity // ERROR SEEMS TO OCCUR HERE const test = await contract.safeTransferFrom(CONTRACT\_ADDRESS, RECEIVER\_ADDRESS, 749); // 749 is my NFT tokenId console.log(test); } catch (error) { console.log(error.message) } };  
  
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1 **Answer**

**A1:**You need to change contract address to the owner of the NFT see below  
  
document.querySelector('.click-me').onclick = async () => { const provider = new ethers.providers.Web3Provider(window.ethereum); const signer = await provider.getSigner(); const CONTRACT\_ADDRESS = '0x...'; // token contract address const RECEIVER\_ADDRESS = '0x...'; // this address expected to get approval for all const ABI = [ 'function setApprovalForAll(address operator, bool \_approved)', 'function safeTransferFrom(address from, address to, uint256 tokenId)', 'function isApprovedForAll(address owner, address operator) view returns (bool)' ]; const contract = new ethers.Contract(CONTRACT\_ADDRESS, ABI, signer); try { const isApproved = await contract.isApprovedForAll(CONTRACT\_ADDRESS, RECEIVER\_ADDRESS); console.log(isApproved); // returns false even after several attempts await contract.setApprovalForAll(RECEIVER\_ADDRESS, true); // seems to work fine, even shows in MetaMask activity // FIXED const test = await contract.safeTransferFrom(signer.address, RECEIVER\_ADDRESS, 749); // 749 is my NFT tokenId console.log(test); } catch (error) { console.log(error.message) } };  
  
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