User Guide

Eartha dApp

5th June 2021

EAR TEAM

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Download your Wallet(MetaMask etc.)

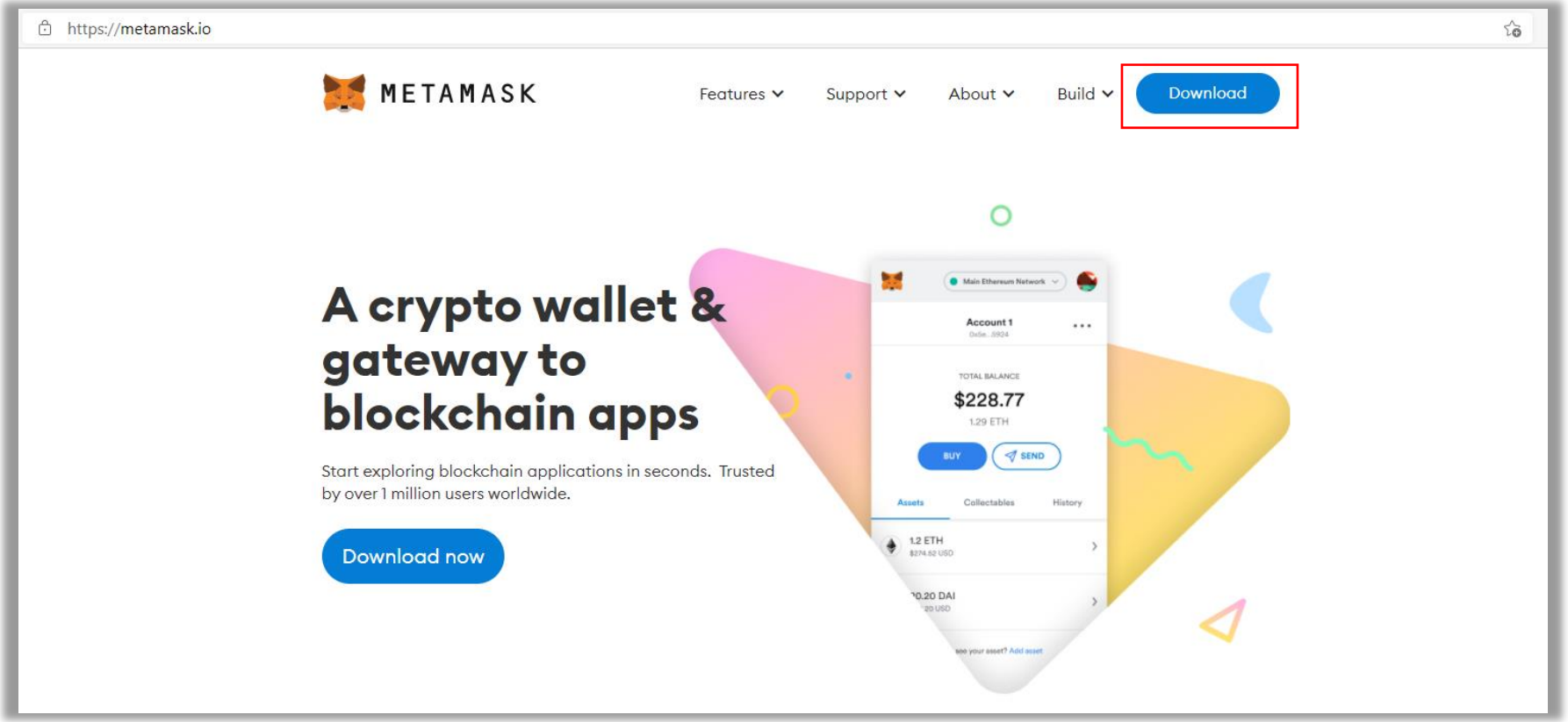
Eartha(EAR)

Download a wallet (such as MetaMask) as a Web browser extension.

When creating escrow with Eartha dApp, you will need an “EAR” with the same value as legal tender and Ethereum as a gas bill.

Log in to your wallet, copy& paste the "Contract address of Escrow with EAR" into your wallet, ADD the EAR, and after purchasing the EAR, you can “Create Buyer Escrow”.

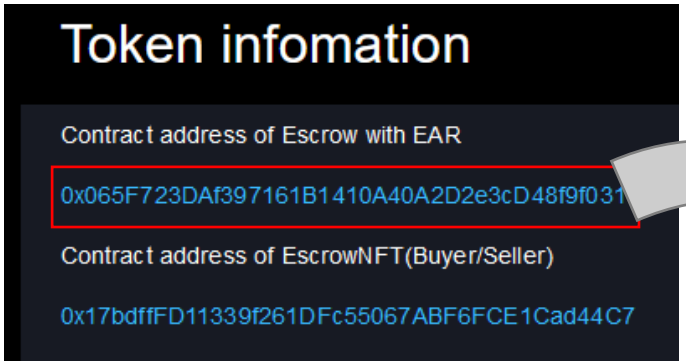
https://metamask.io



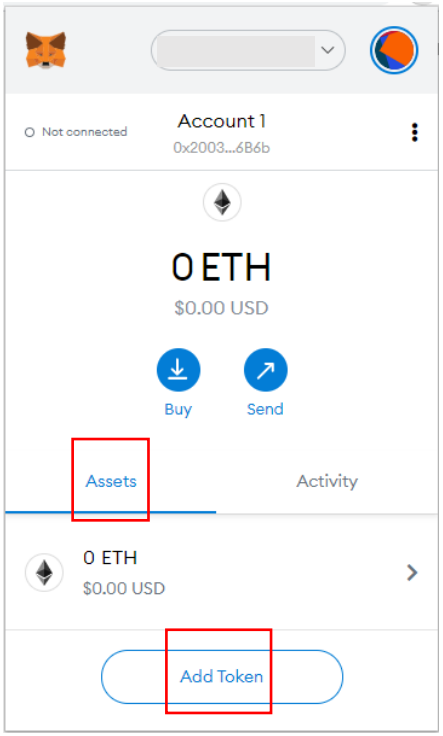
ADD Tokens(EAR) to your wallet

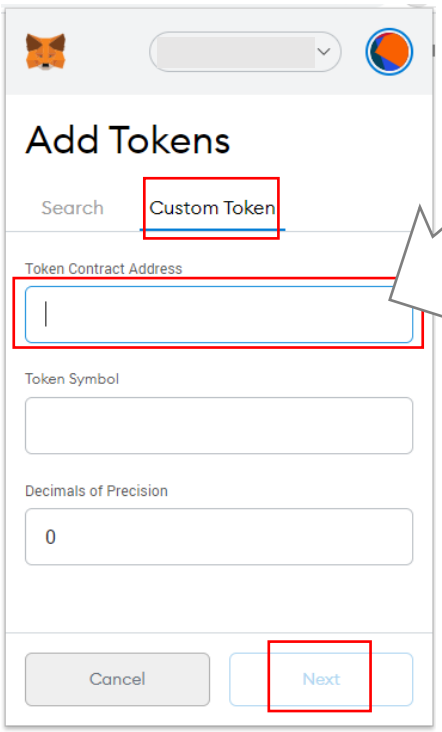
Eartha(EAR)

To add an EAR to your wallet, copy and paste “Contract address of Escrow with EAR” into “Token Contract Address”

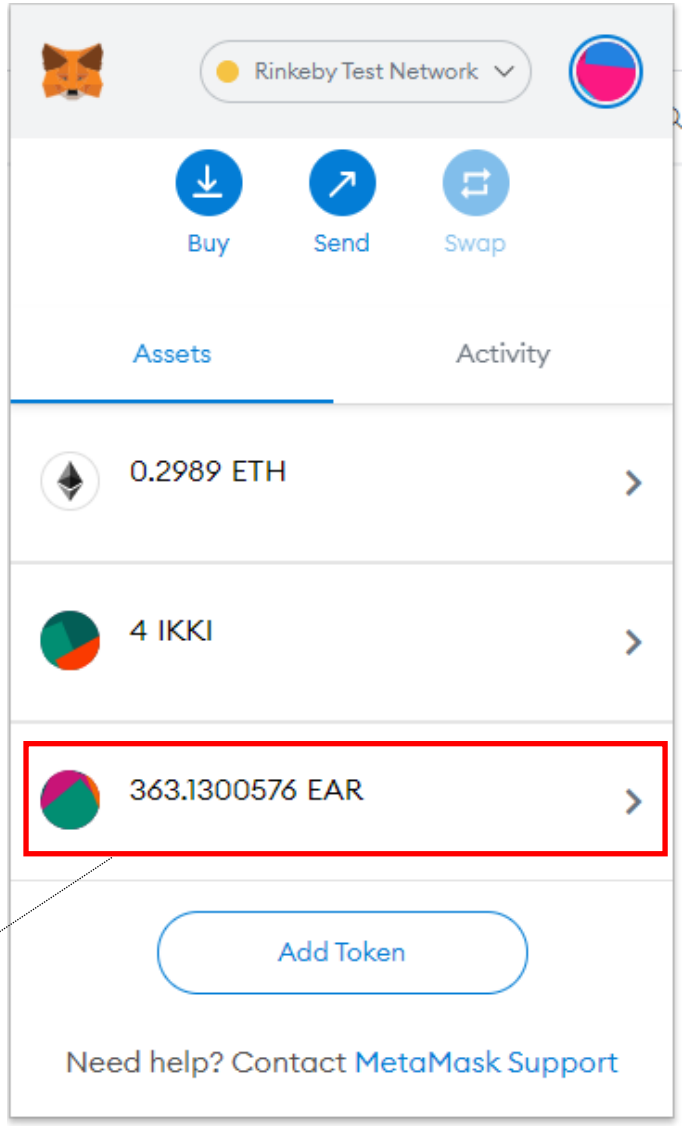


Copy & Paste





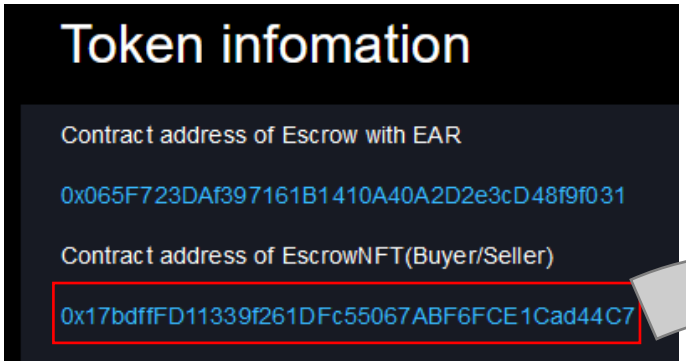
ADD Tokens Complete!



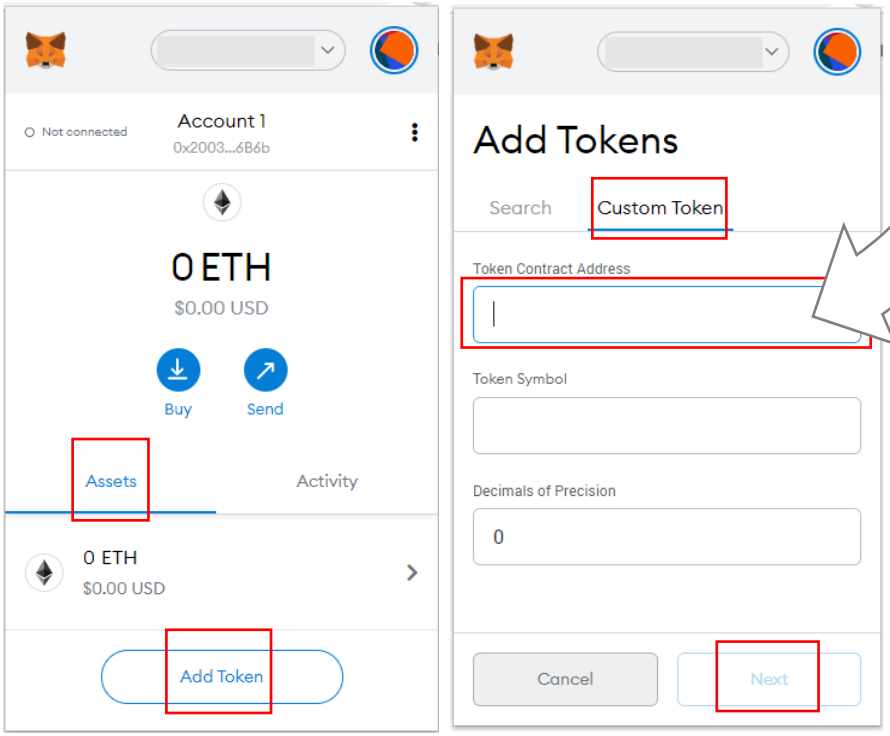
ADD EscrowNFTs(IKKI) to your wallet

Eartha(EAR)

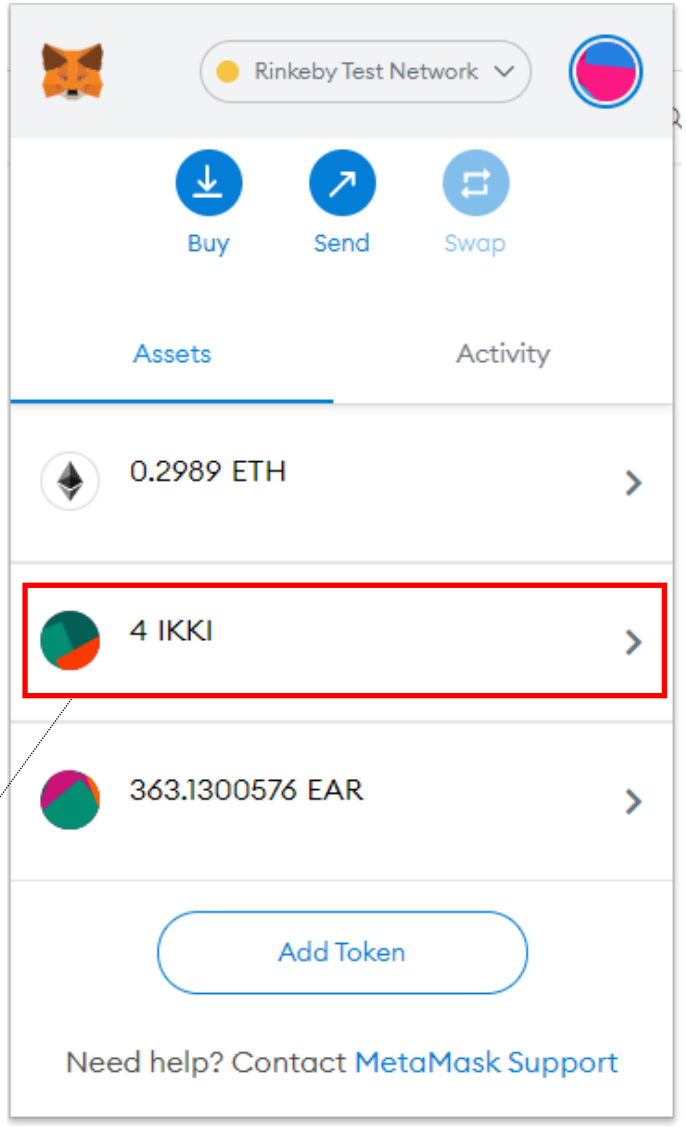
To add an EAR to your wallet, copy and paste “Contract address of Escrow with EAR” into “Token Contract Address”



Copy & Paste



ADD EscrowNFT Complete!

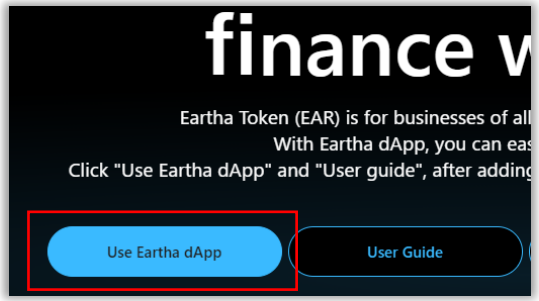


Connect Wallet

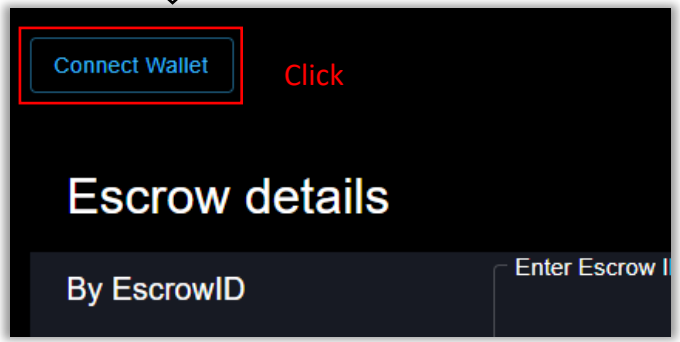
Eartha(EAR)

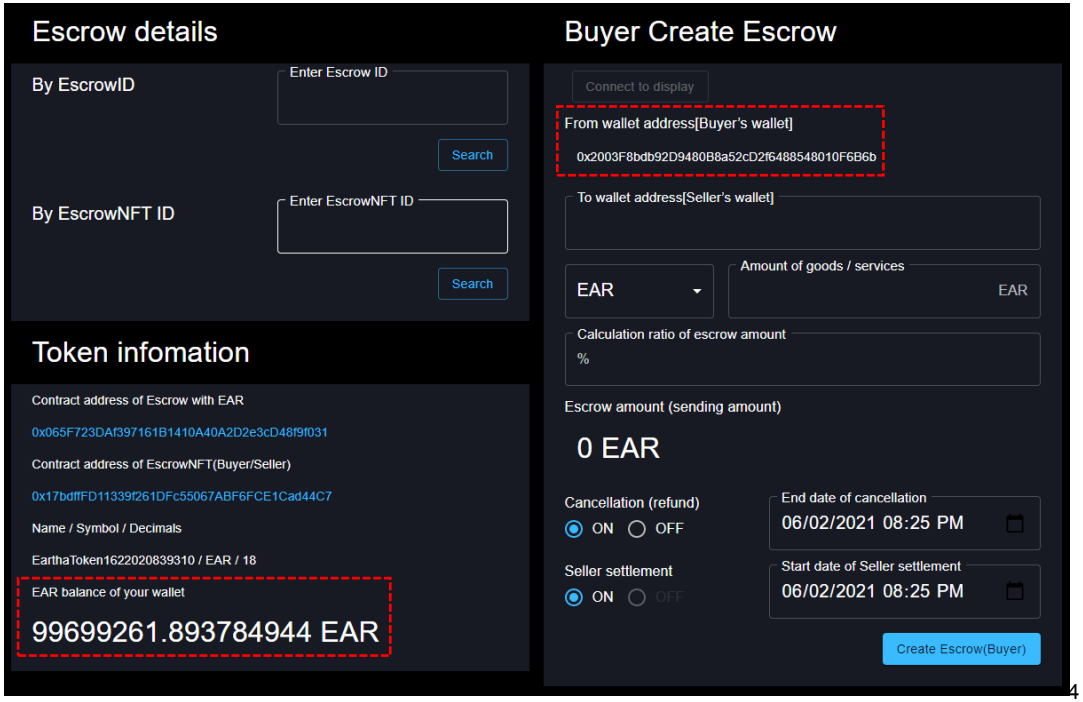
Connect to your wallet.
See “EAR balance of your wallet” and “From wallet address” on your screen.

https://eartha.org



Click

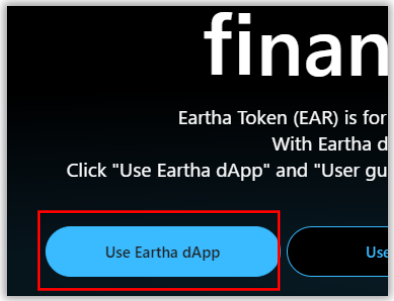




Note:
If you get an error, please download a wallet such as MetaMask.

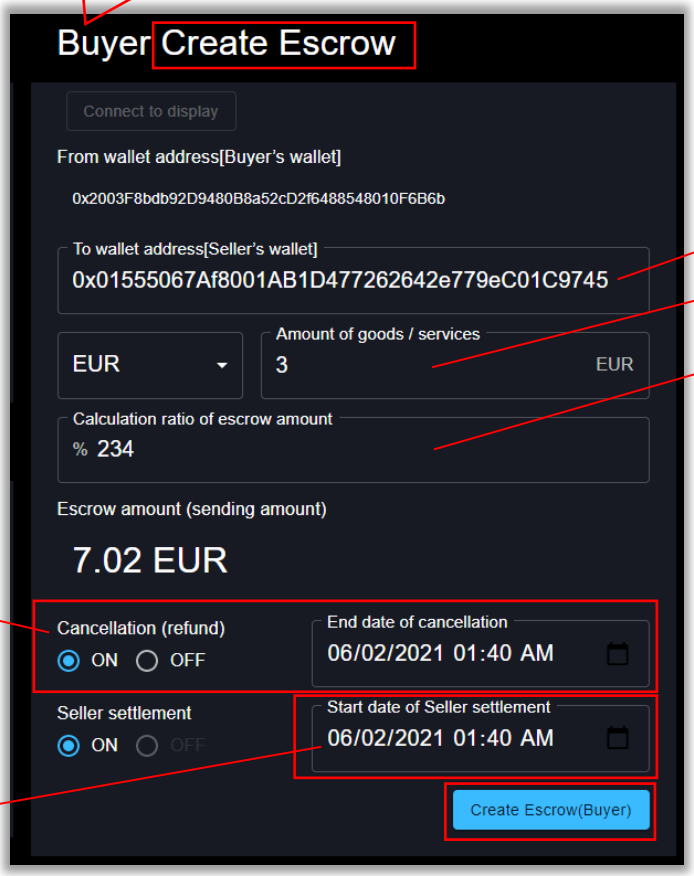
Enter the seller's wallet address, the amount of goods/ services, and the Calculation ratio of escrow amount.

https://eartha.org



Click

Buyer's Operation



Seller's wallet address

The amount of goods / services

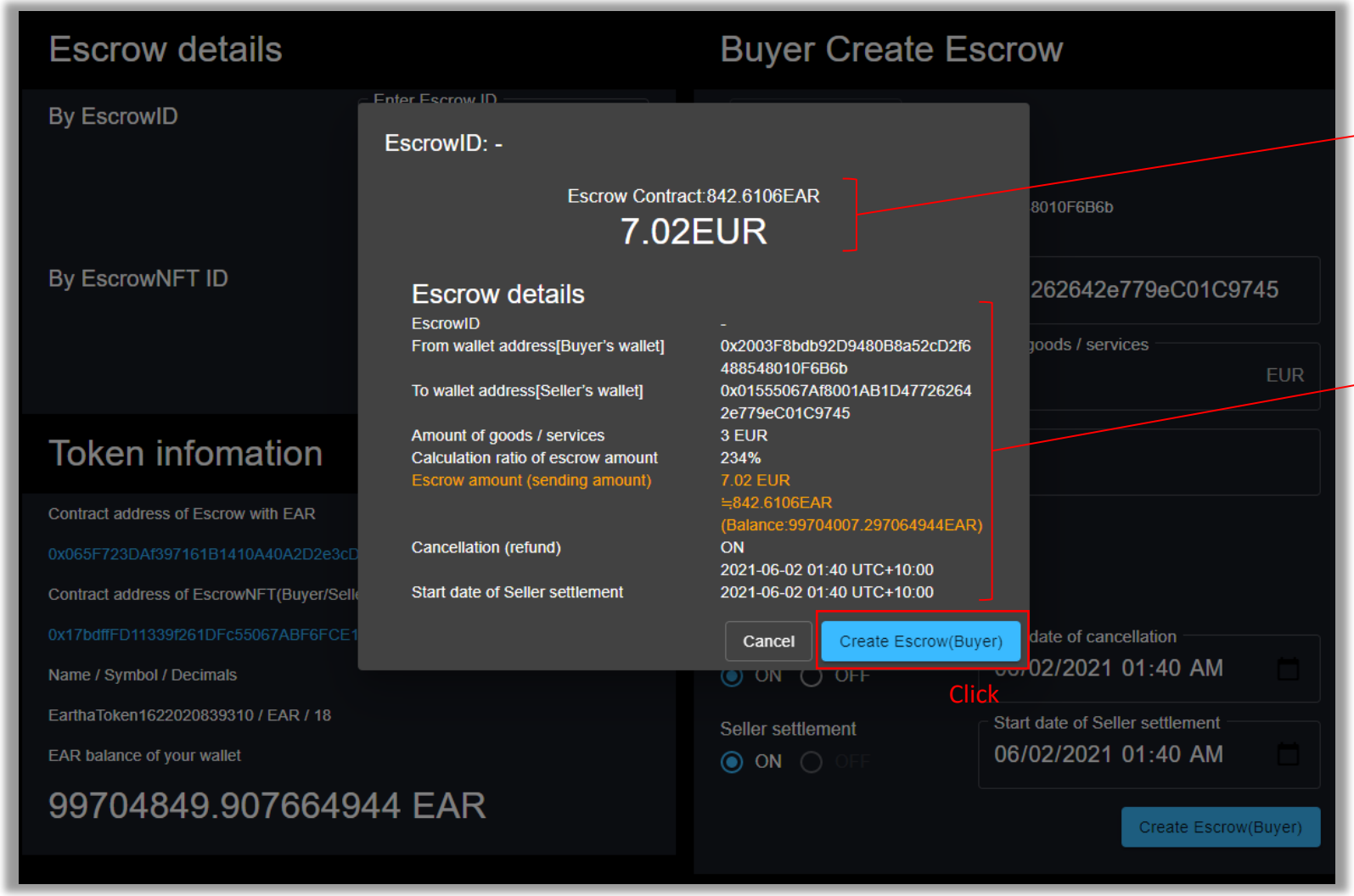
Calculation ratio of escrow amount

If you turn on "Cancellation (refund)", both the buyer and the seller can cancel the escrow and refund it to the buyer before "End date of cancellation".

The seller can settle on behalf of the buyer, after "Start date of Seller settlement,.

Click

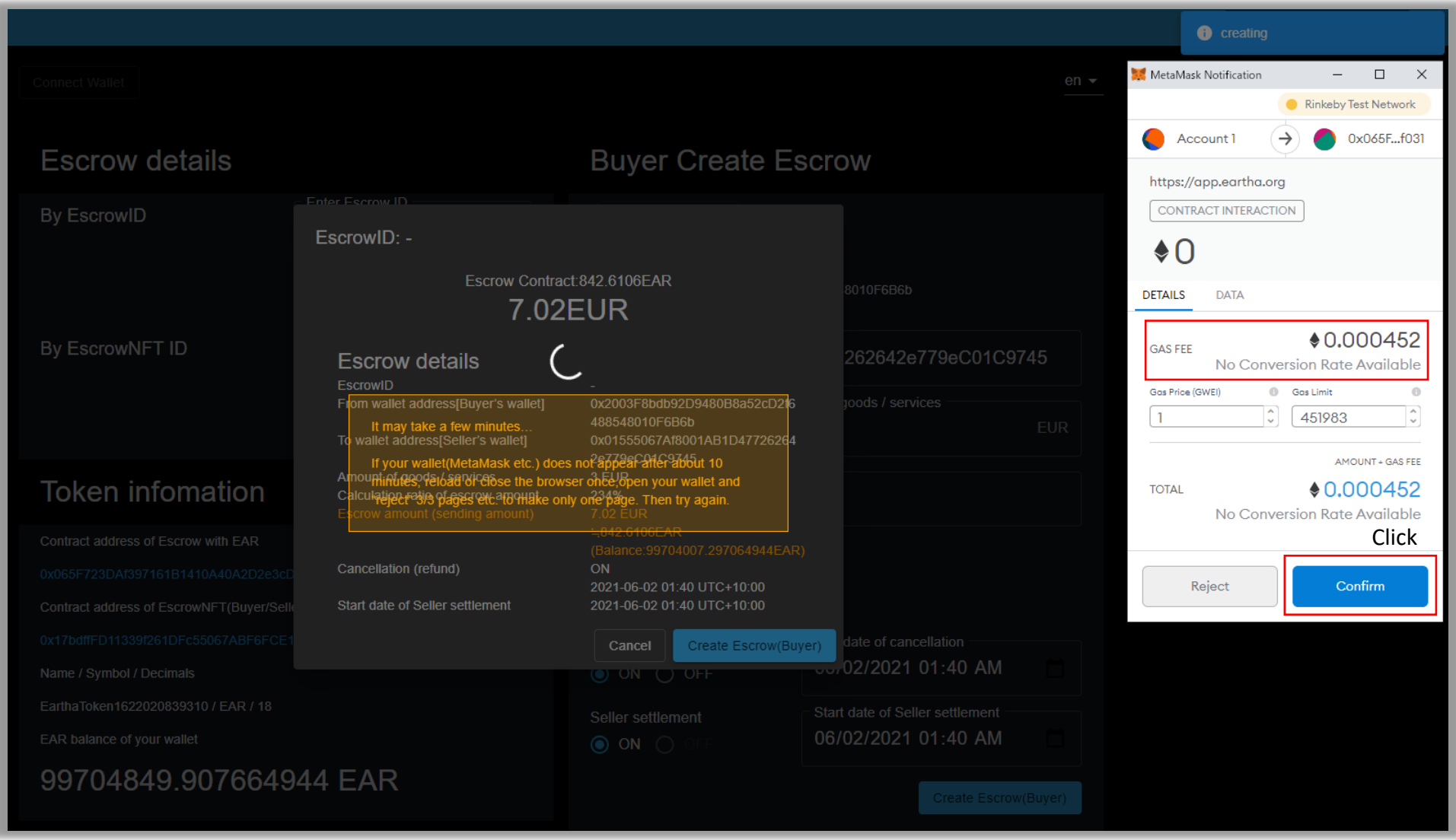
Check the estimated amount and details, and click “Create Escrow(Buyer)”.
Then your wallet is called.



Buyer Create Escrow

Eartha(EAR)

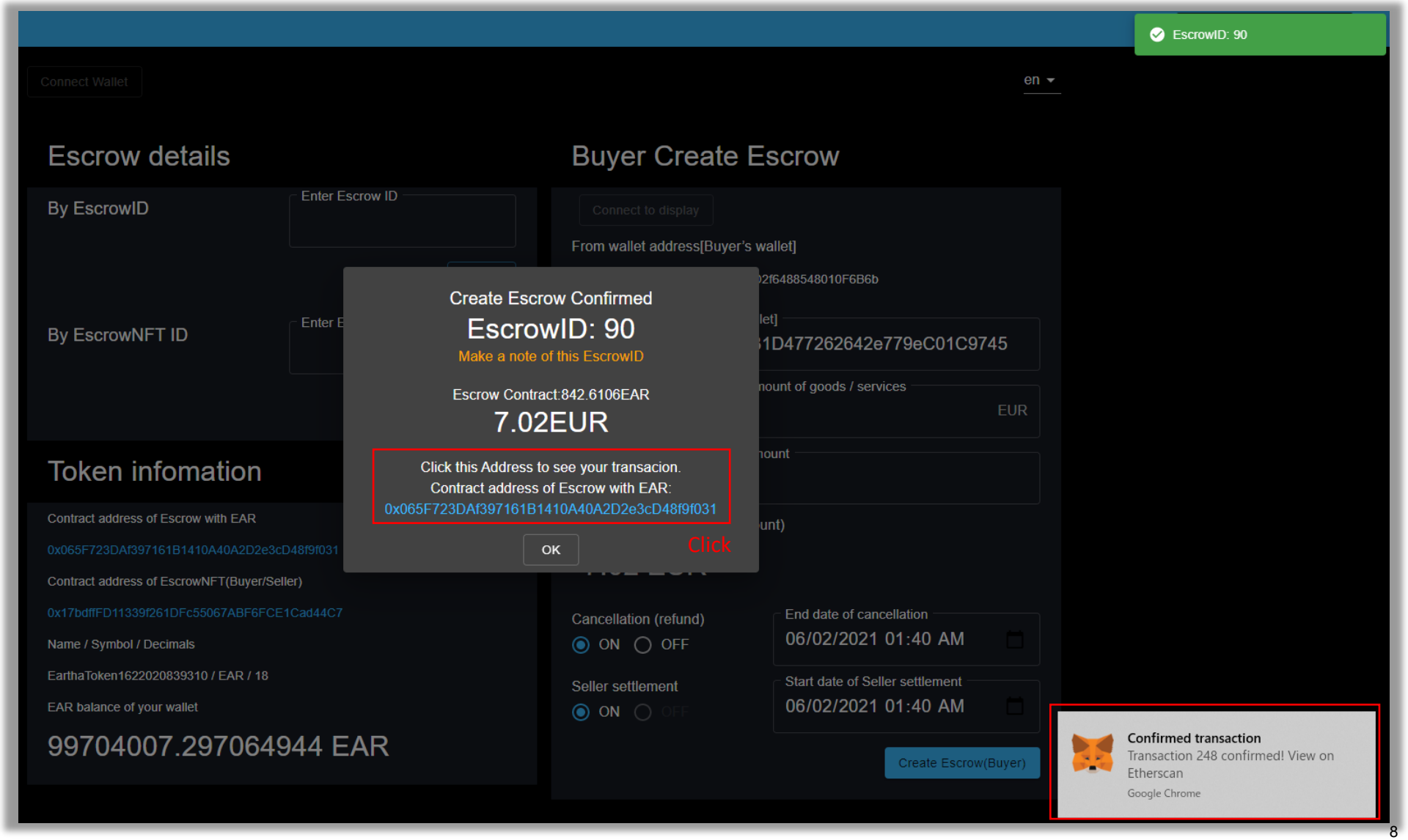
Check the gas fee etc. in your wallet.
Click “Confirm” to send the amount converted from fiat currency to EAR.



Buyer Create Escrow

Eartha(EAR)

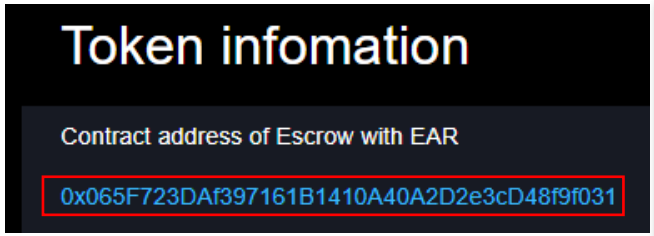
You will be notified by the wallet when “Create Escrow” is complete.
Click the “Contract address” if you want to see if the escrow was really created.

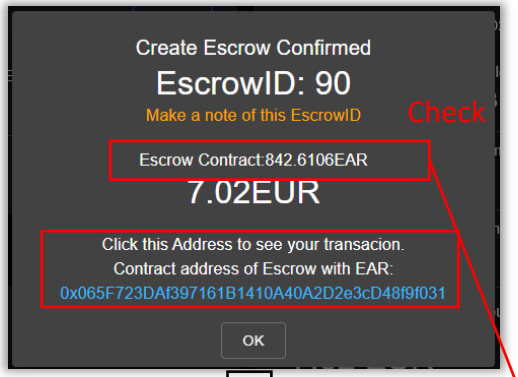


Confirmation of Buyer Create Escrow (Buyer/ Seller)

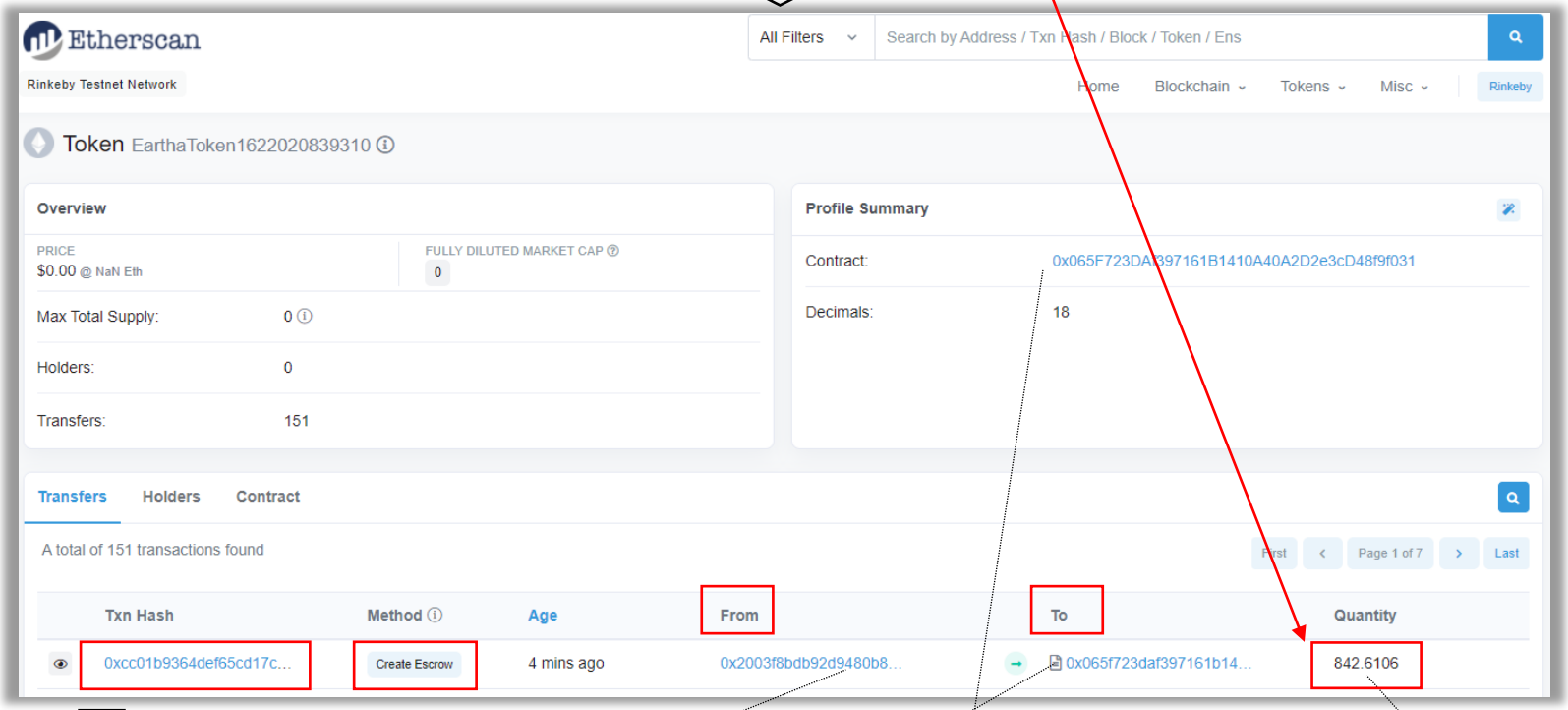
Eartha(EAR)

Check your transaction and it's details on Etherscan.
Etherscan allows you to see all the transactions so you can see what the Buyer Settlement is doing right now.





Check your transaction and it's details on Etherscan. Etherscan allows you to see all the transactions so you can see what the escrow is doing right now. Check below.
(1) Escrow amount (EAR base)
(2) The amount converted from fiat currency to EAR has been sent from the buyer wallet address(From wallet address) to the contract address.



Details …(Next page)

From Wallet address

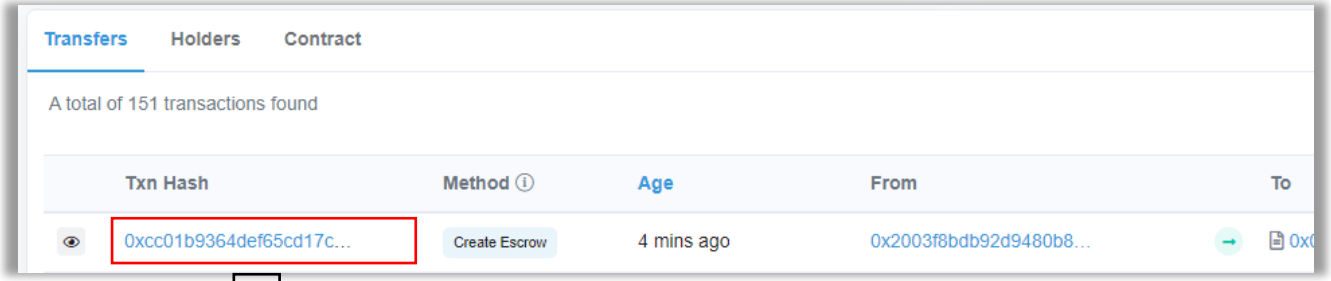
Contract address of Escrow with EAR

Escrow amount (sending amount)

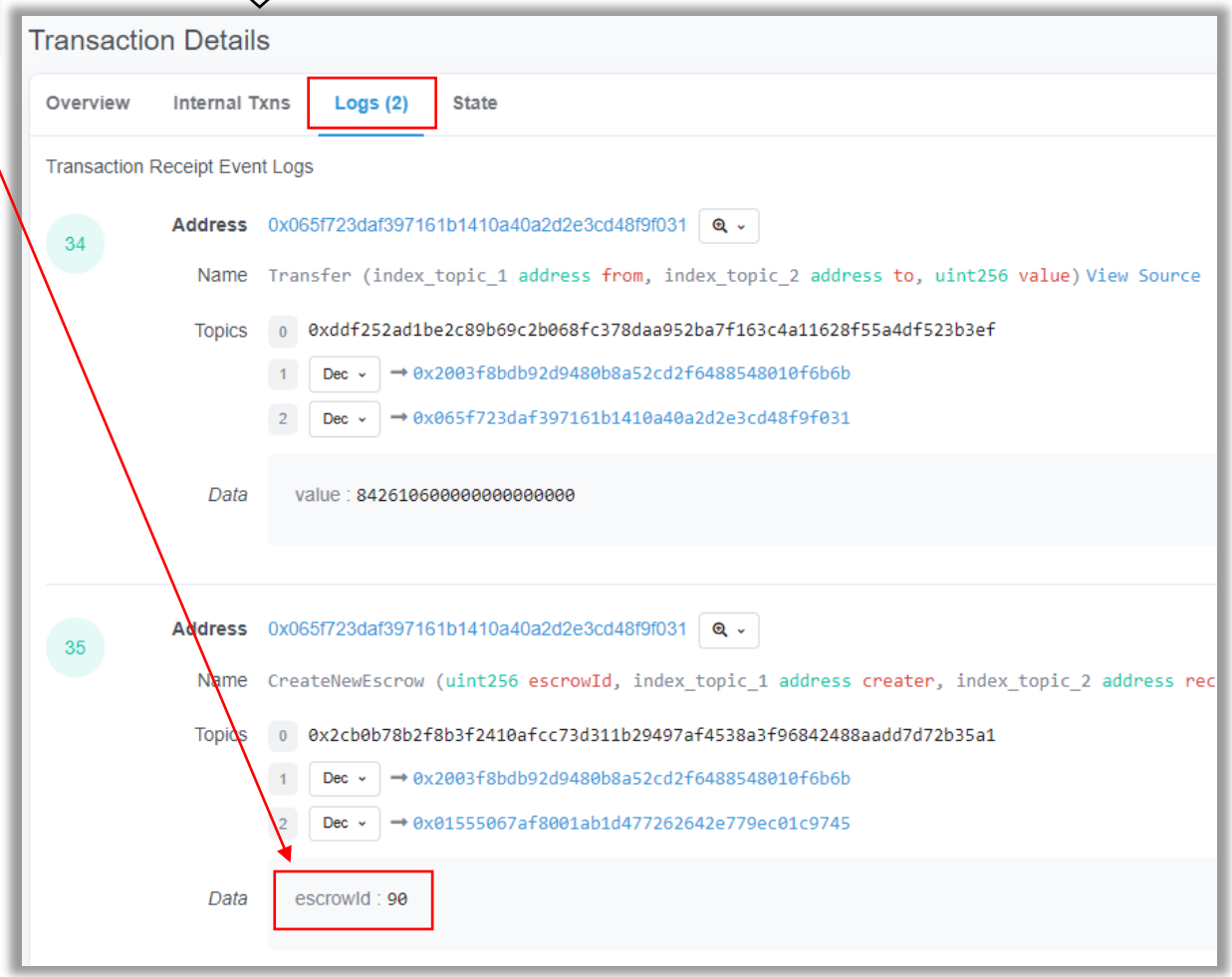
Confirmation of EscrowID(Buyer/ Seller)

Eartha(EAR)

Check EscrowID



Click

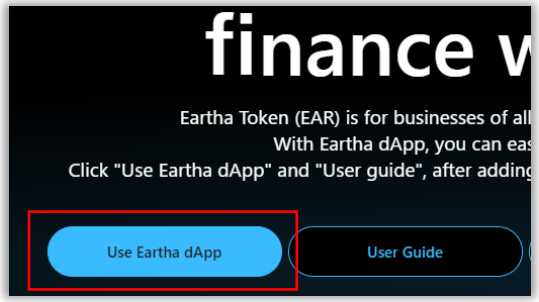


After creating an escrow, occasionally, “Create Escrow Confirmed” POP UP may not be displayed.

At this time, you can find the “EscrowID” in this way by clicking on the contract address in "Token Information".

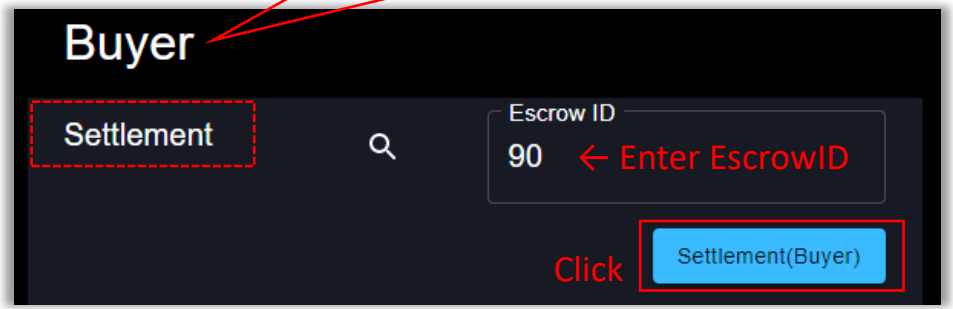
After the buyer issues the "EscrowID", The buyer will contact the seller and give them the ESCROW ID of the escrow they created.
The buyer pays the seller after receiving the goods or services.
*The seller can make settlement on behalf of the buyer after the “Start date of Seller settlement" entered by the buyer when the escrow was created.

https://eartha.org



Click

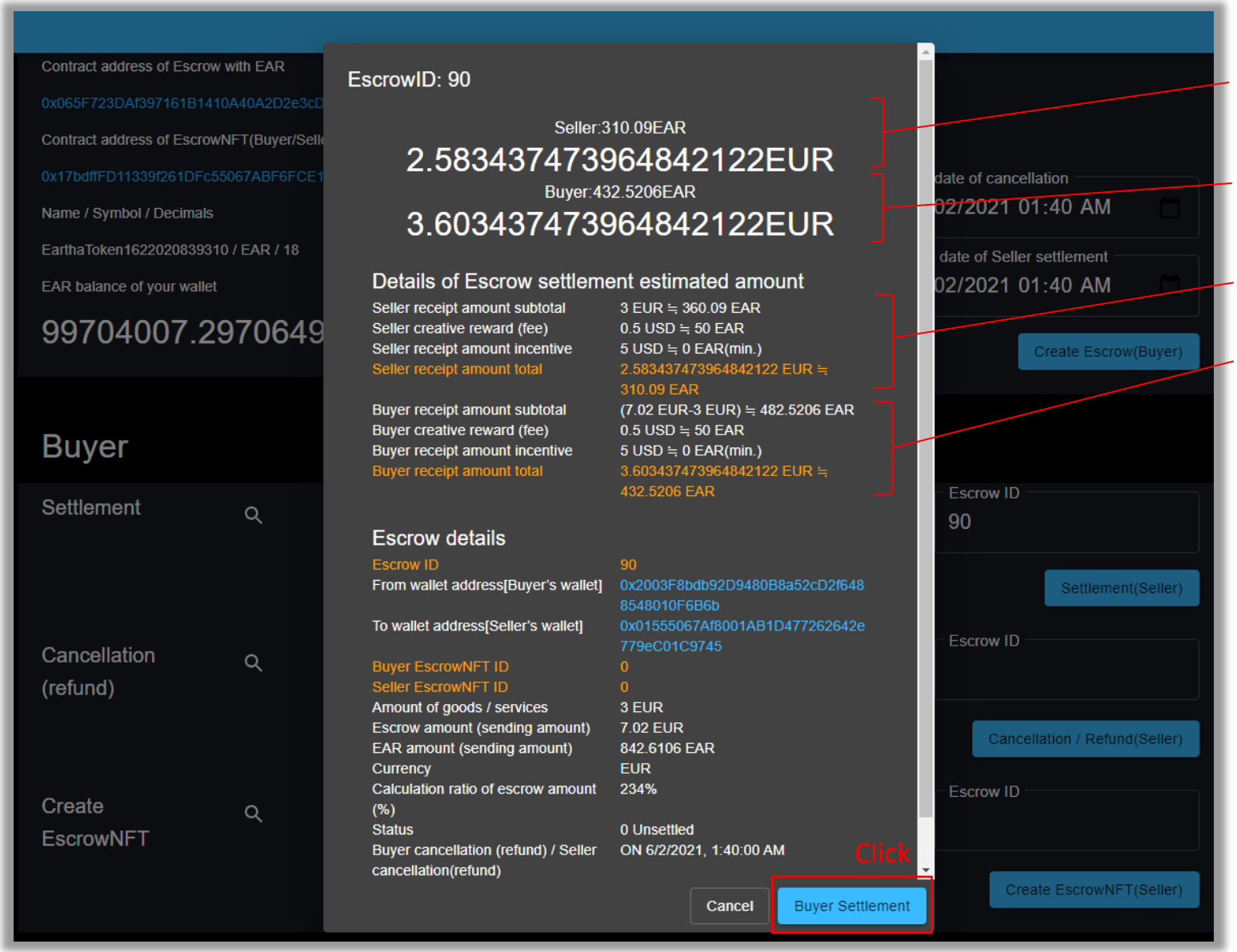
Buyer’s Operation



Buyer Settlement

Eartha(EAR)

Check the estimated amount and details, and click “Buyer Settlement”.
Then your wallet is called.



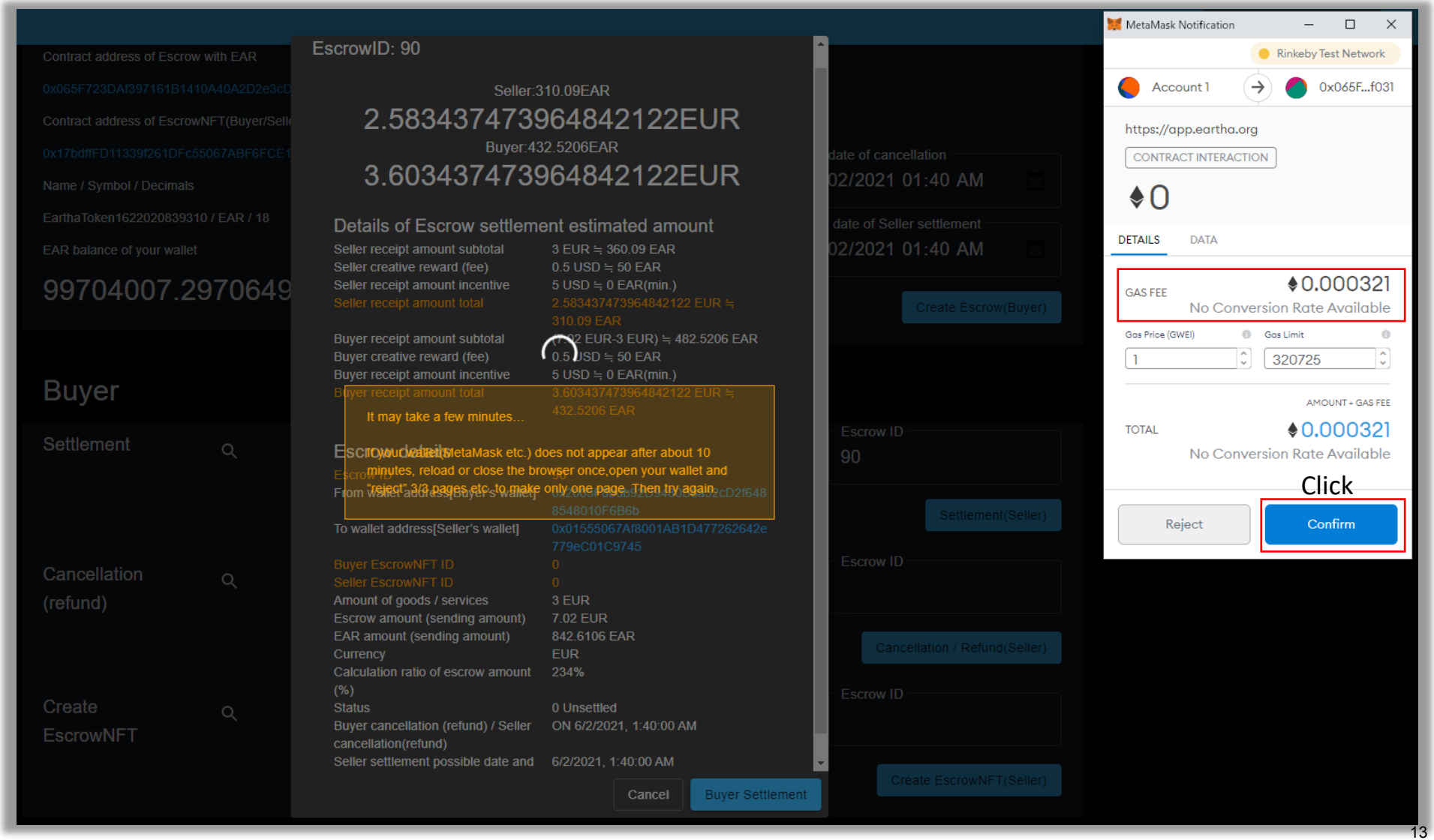
Estimated amount of the seller

Estimated amount of the buyer

Details of the seller

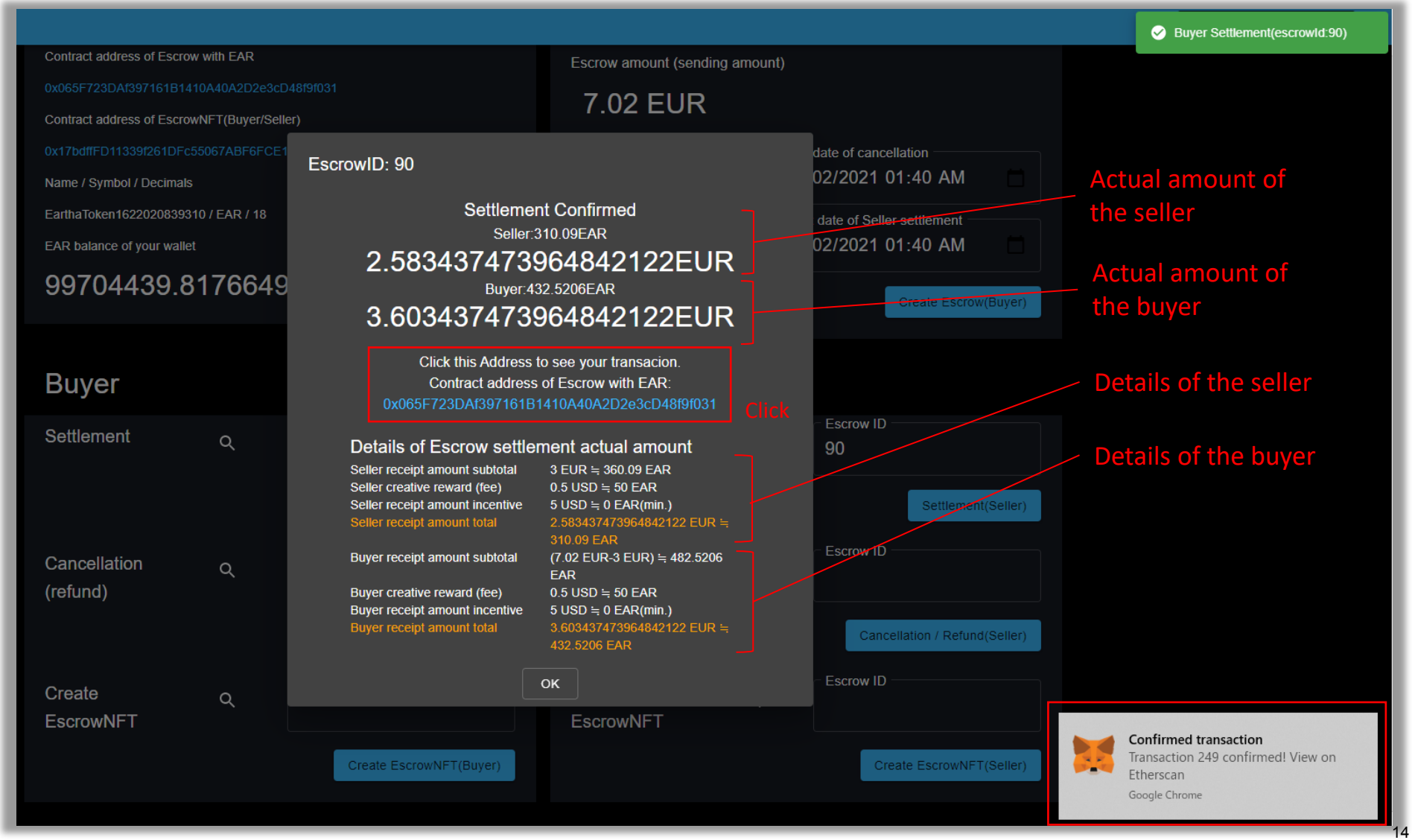
Details of the buyer

Check the gas fee etc. in your wallet.
Click “Confirm” to send the amount converted from fiat currency to EAR.



Buyer Settlement

You will be notified by the wallet when it is complete.
Check the actual amount and details.
Click the “Contract address” if you want to see if the buyer settlement was really made properly.

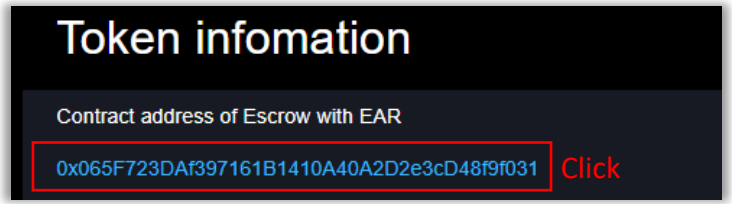


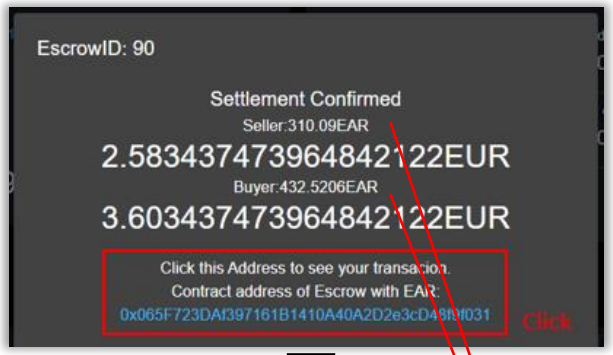
Confirmation of Buyer settlement (Buyer/ Seller)

Eartha(EAR)

Check your transaction and it’s details on Etherscan.

Etherscan allows you to see all the transactions so you can see what the Buyer Settlement is doing right now.



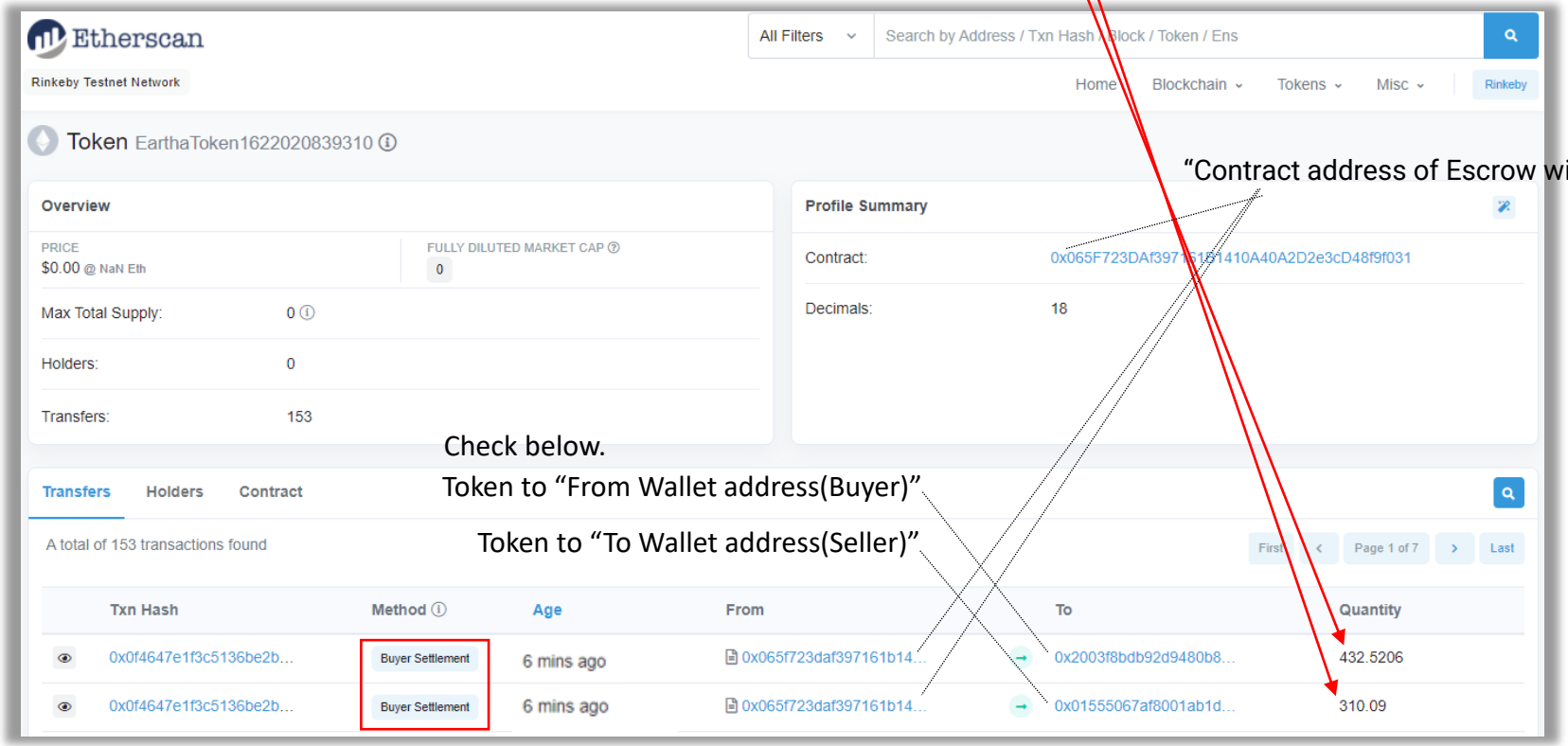


Check below.

(1) Amount (EAR base)

(2) The Amount converted from fiat currency to EAR has been sent from Contract address to the seller and buyer.

*If an EscrowNFT has been issued, it will be sent to the wallet address of the NFT owner.

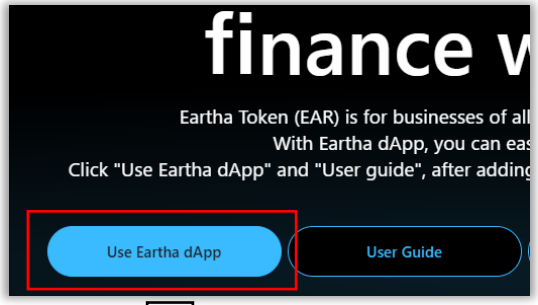


Buyer Cancellation(refund)

Eartha(EAR)

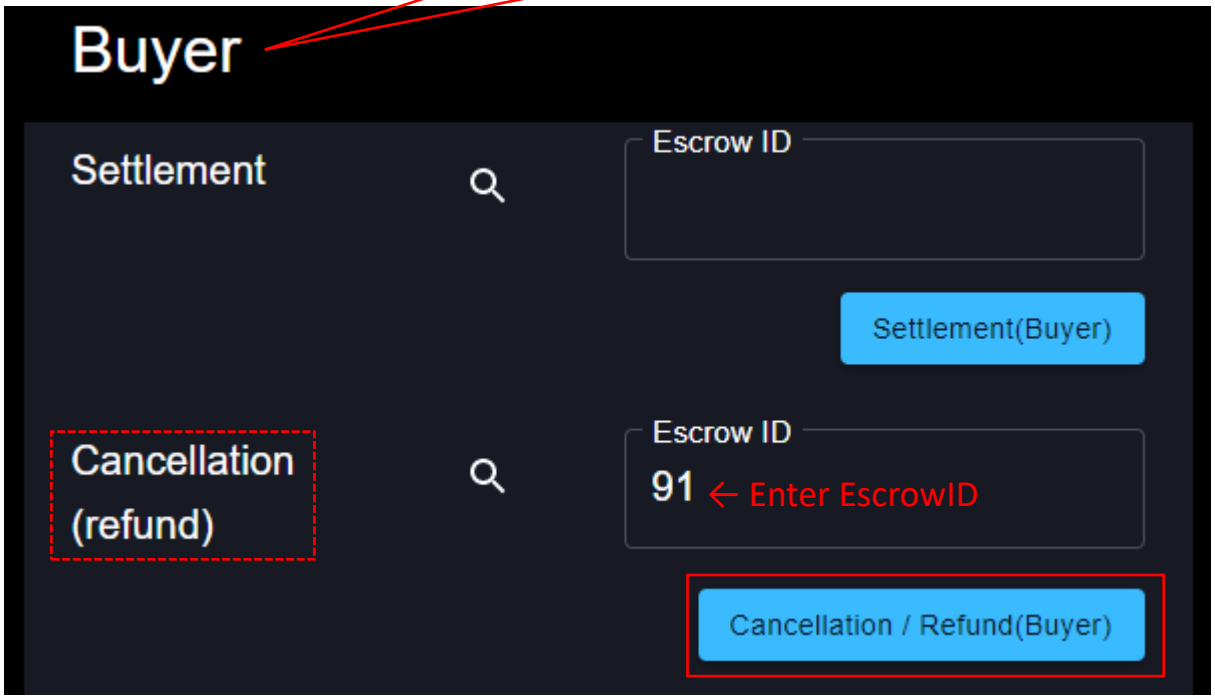
“Cancellation (Refund)” can be possible by both the buyer and the seller, if the buyer creates an escrow with “Cancellation (Refund)” set to “ON“.
In addition, the buyer and the seller can do it before "End date of cancellation”

https://eartha.org



Click

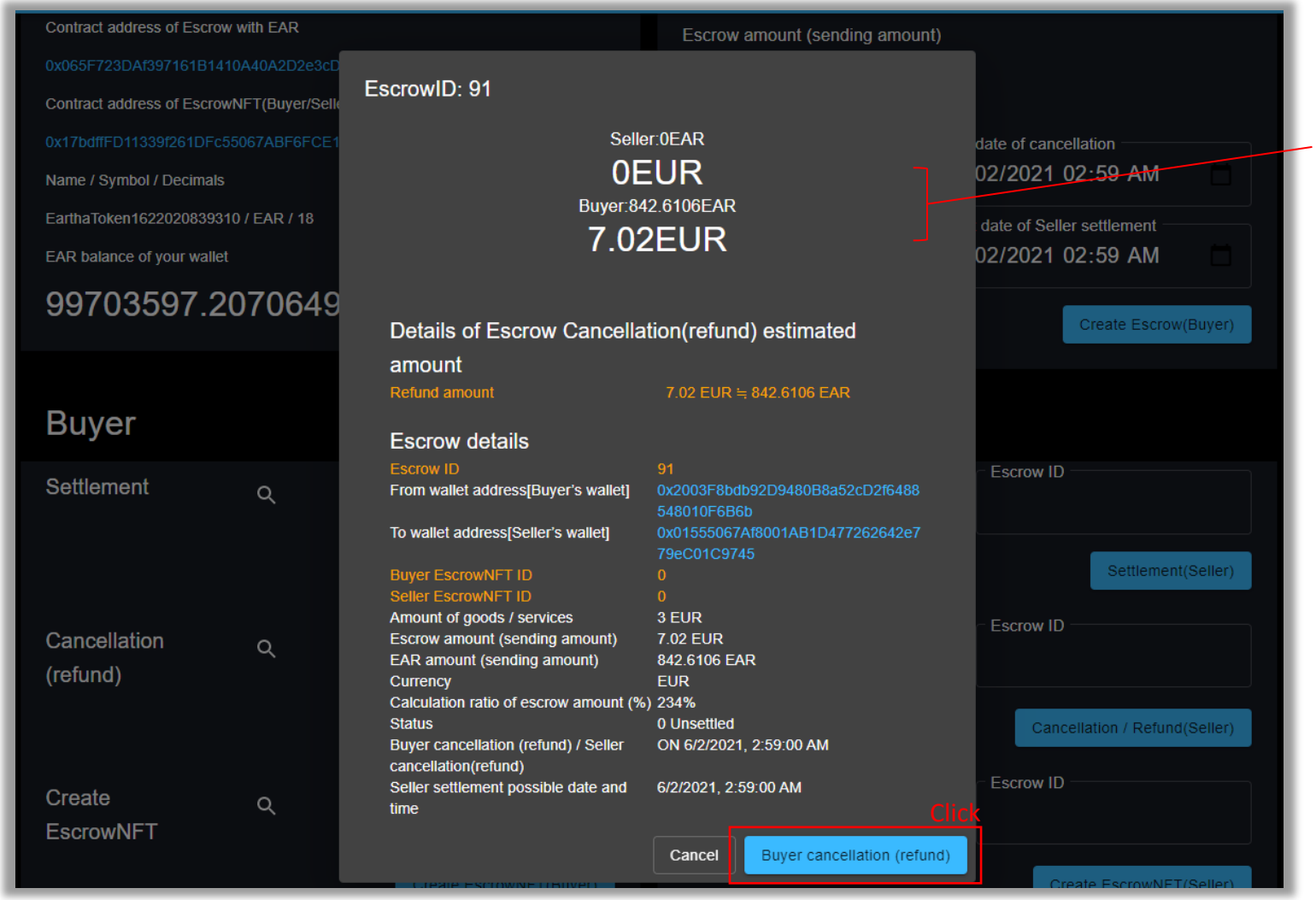
Buyer’s Operation



Note:

- If the buyer creates an escrow with "Cancellation (Refund)" set to "OFF", "Cancellation (Refund)" is not possible.
- Both the buyer and the seller cannot cancel after the “End date of cancellation” date and time.

Check the Refund amount, and click “Buyer Cancellation(refund)”. The full amount will be refunded to the buyer.
Then your wallet is called.
*If the buyer created the NFT before the refund, the owner of that NFT can cancel(refund) and receive the refund.

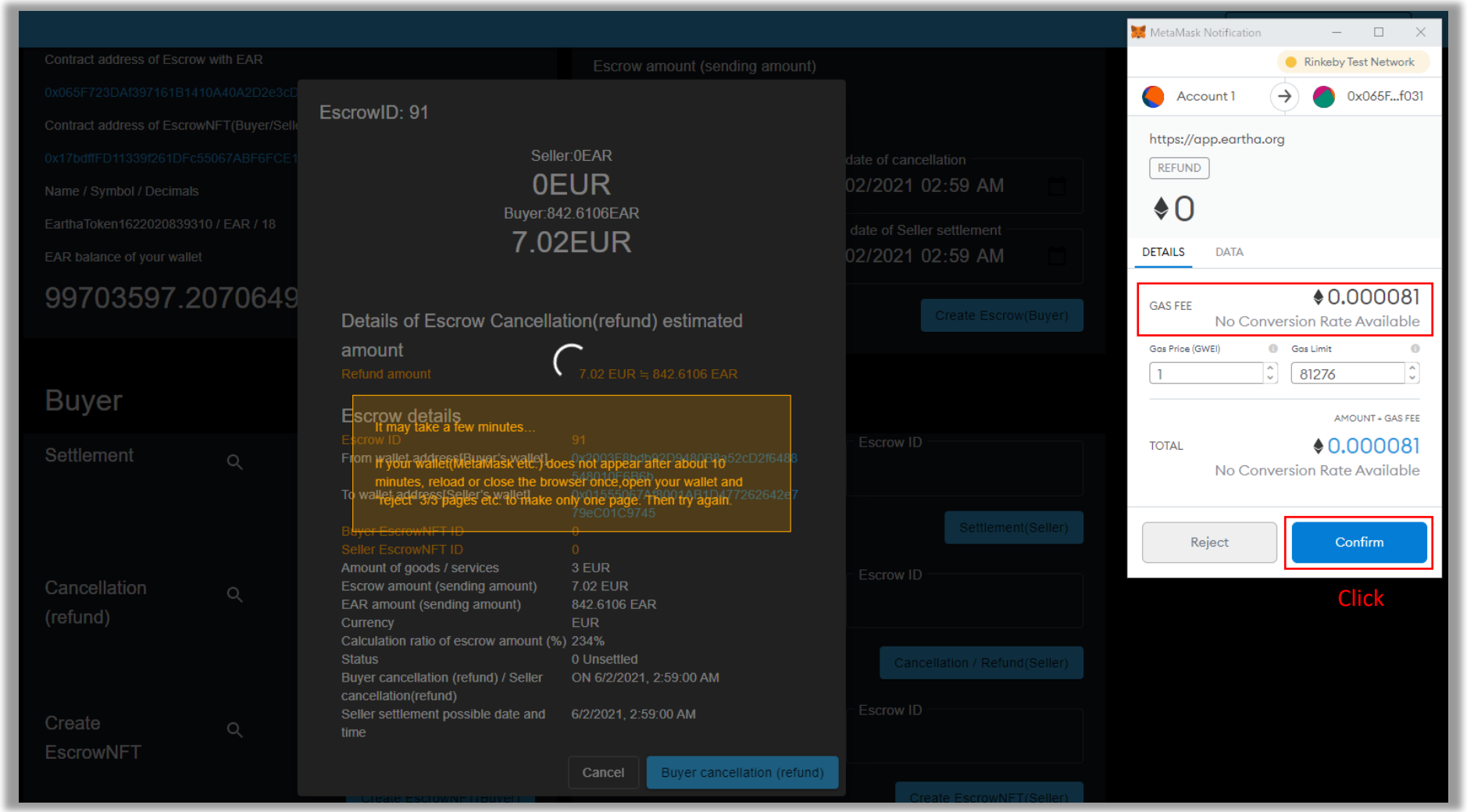


Refund amount
=All amounts

Buyer Cancellation(refund)

Eartha(EAR)

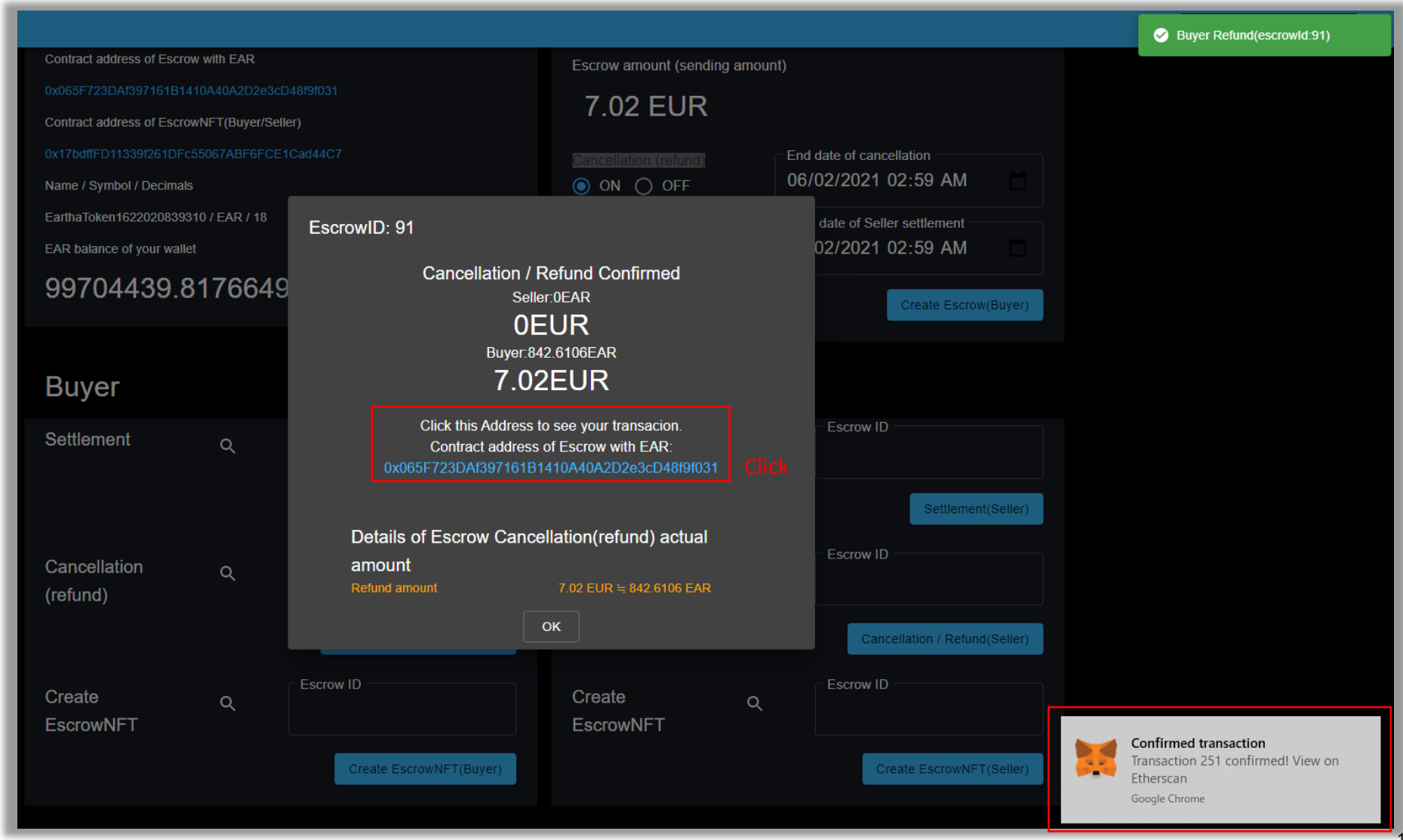
Check the gas fee etc. in your wallet.
Click “Confirm” to send the amount converted from fiat currency to EAR.



Buyer Cancellation(refund)

Eartha(EAR)

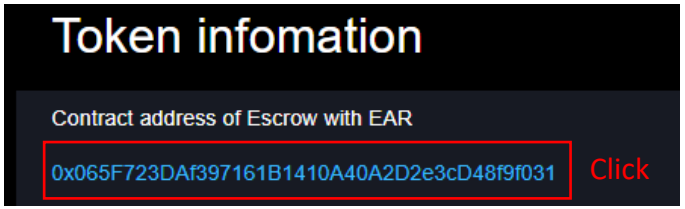
You will be notified by the wallet when it is complete.
Check the actual amount.
Click the “Contract address” if you want to see if the cancellation was really made properly.

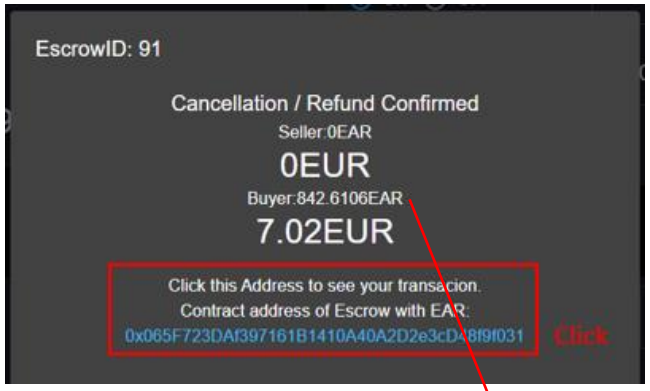


Confirmation of Buyer Cancellation(refund)

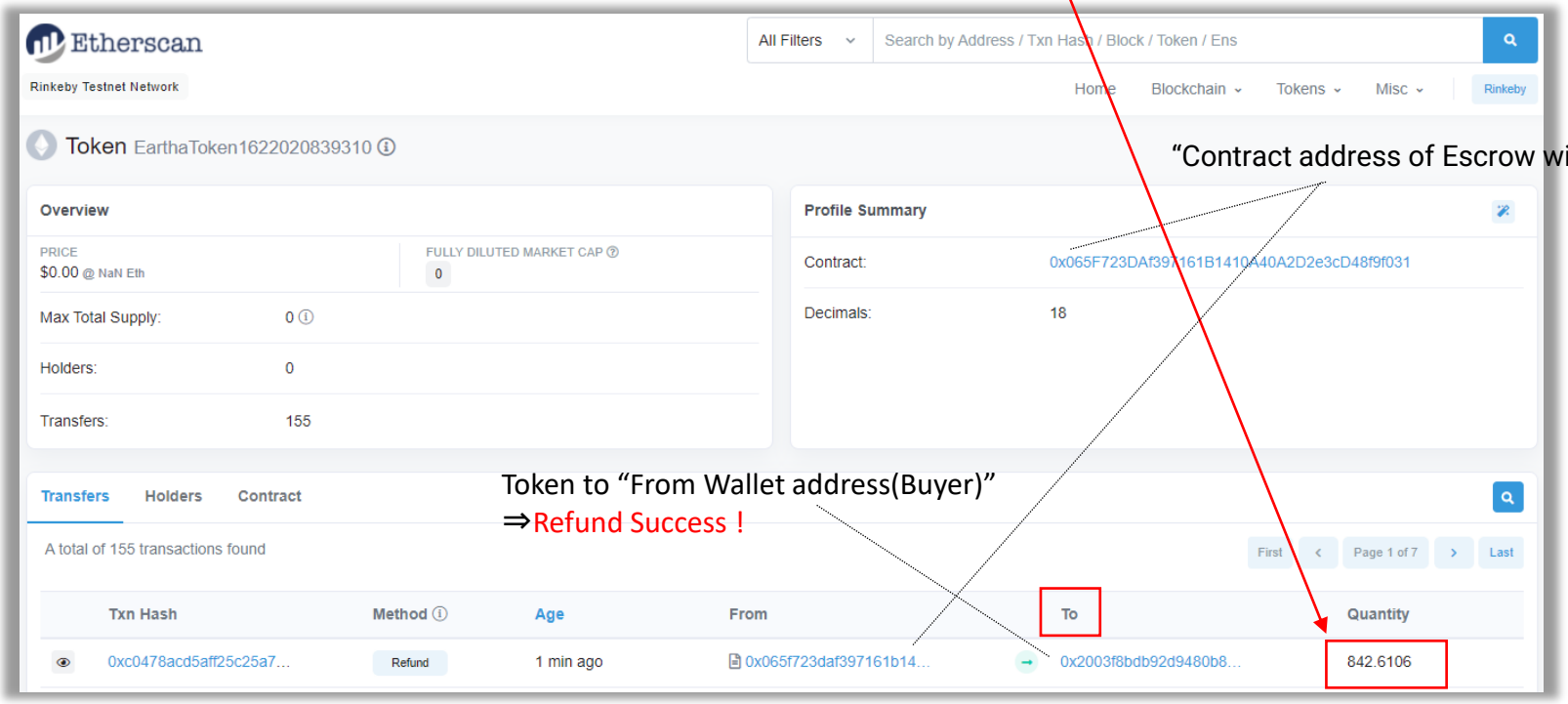
Eartha(EAR)

Check your transaction and it’s details on Etherscan.
Etherscan allows you to see all the transactions so you can see what the cancellation is doing right now.





Check below.
(1) Amount (EAR base)
(2) The amount converted from fiat currency to EAR has been sent from the contract address to the buyer(From wallet address) .

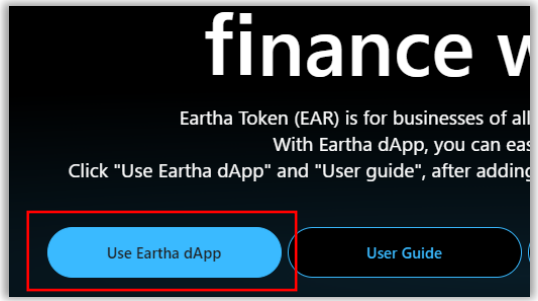


Create Buyer EscrowNFT

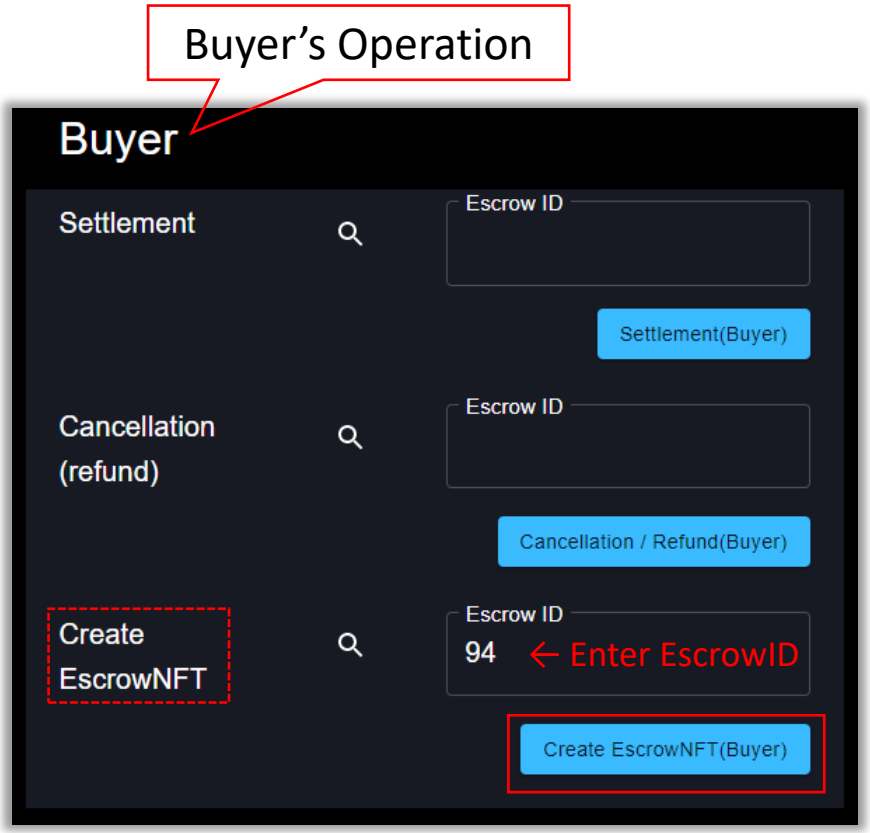
Eartha(EAR)

The buyer can turn the debts into an NFT and can sell it, after creating escrow.
The owner of the NFT can make the “Buyer Settlement”. Also, at that time, the NFT owner will receive an amount that exceeds the amount of goods and services.

https://eartha.org



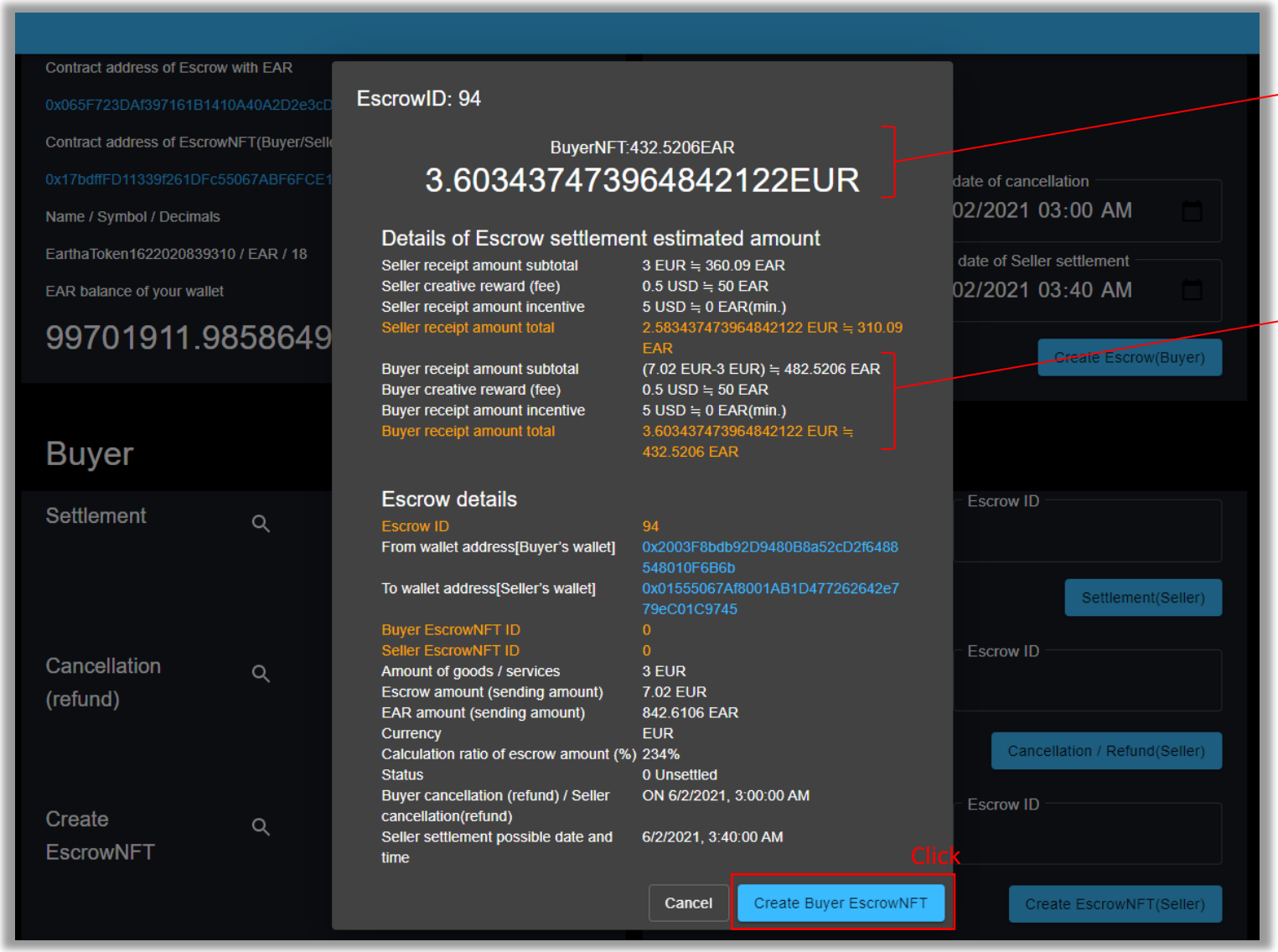
Click



Create Buyer EscrowNFT

Eartha(EAR)

Check the estimated amount expected to be received by the buyer in the future and details, and click “Create Buyer EscrowNFT”.
Then your wallet is called.



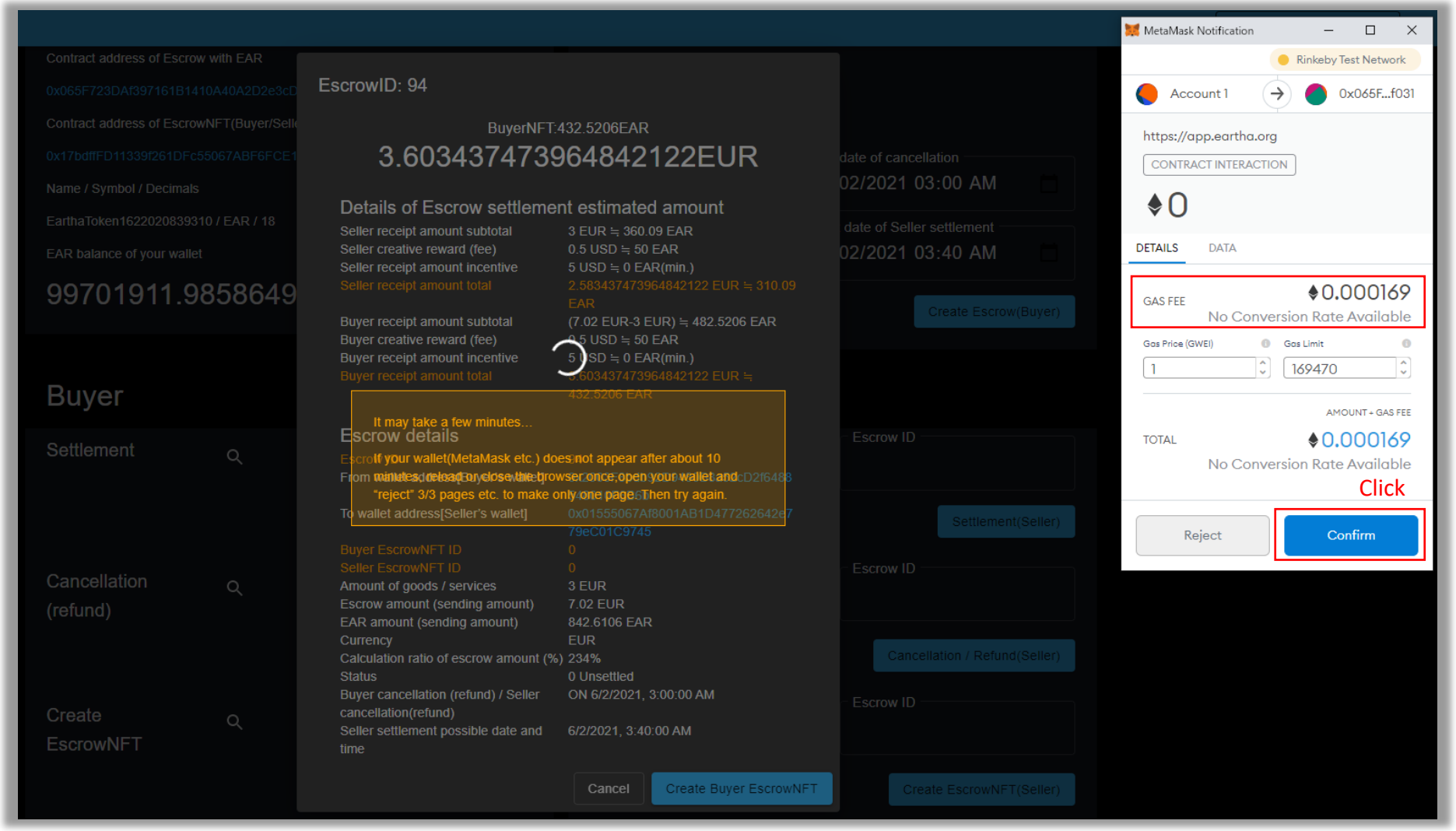
Amount expected to be received by the buyer in the future

Details of the buyer

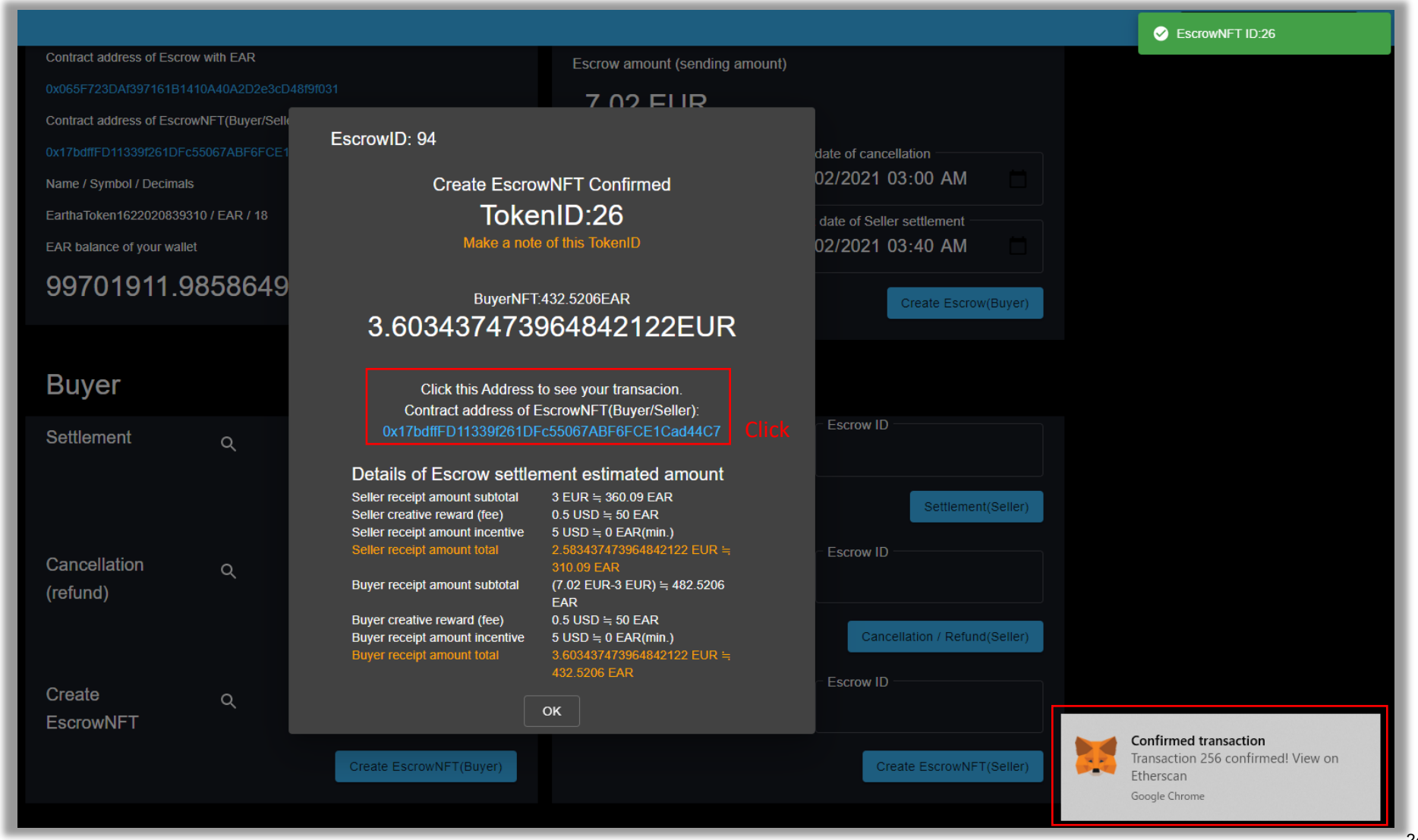
Create Buyer EscrowNFT

Eartha(EAR)

Check the gas fee etc. in your wallet.
Click “Confirm” to create buyer NFT.



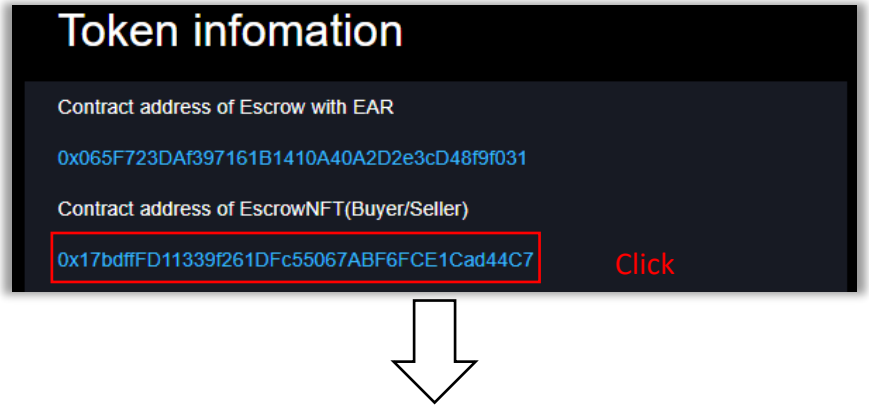
You will be notified by the wallet when it is complete.
Click the “Contract address of EscrowNFT(Buyer/Seller)” if you want to see if the escrow was really created.

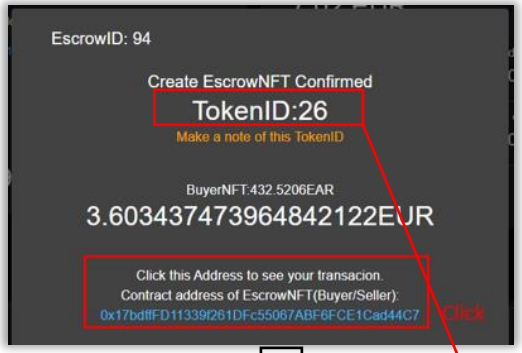


Create Buyer EscrowNFT

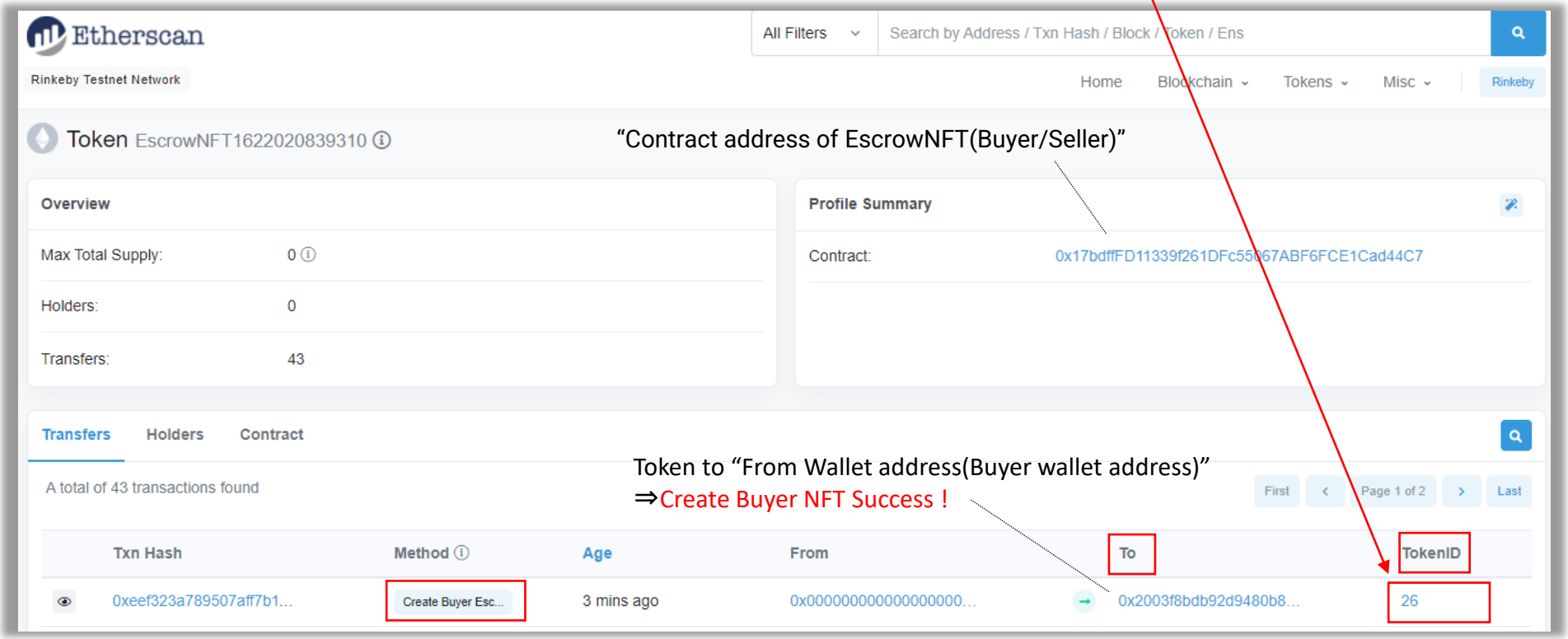
Eartha(EAR)

Check your transaction and it's details on Etherscan.
Etherscan allows you to see all the transactions so you can see what the cancellation is doing right now.





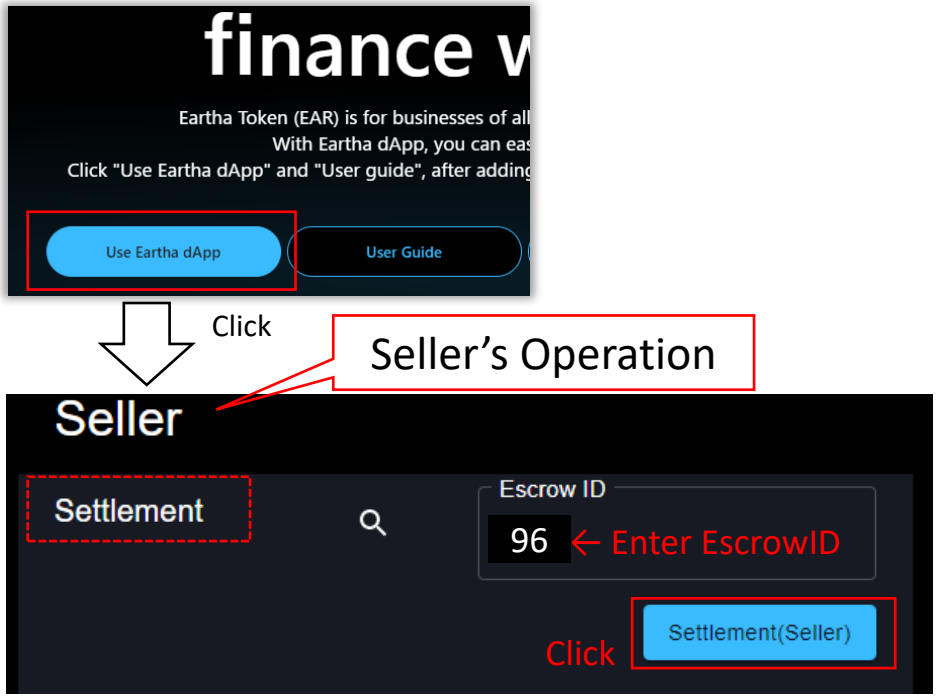
Check "Token ID"(NFT ID)



Token to "From Wallet address(Buyer wallet address)"
⇒Create Buyer NFT Success !

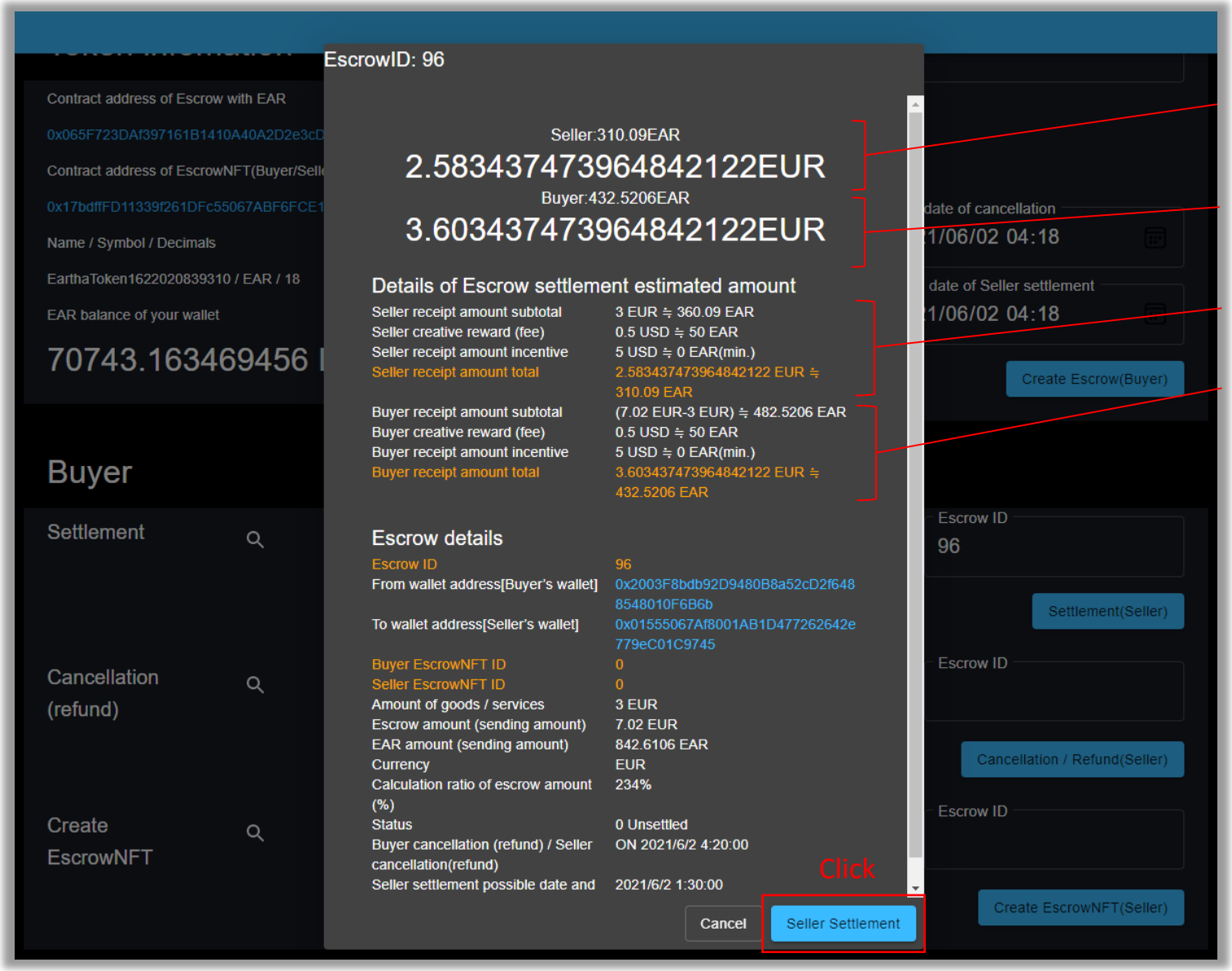
After the buyer issues the "EscrowID", the seller will be contacted and know "EscrowID".
The seller can make settlement on behalf of the buyer after the “Start date of Seller settlement" entered by the buyer when the escrow was created.

https://eartha.org



Note:
Seller cannot settle before "Start date of Seller settlement”

Check the estimated amount and details, and click “Seller Settlement”.
Your wallet is called.



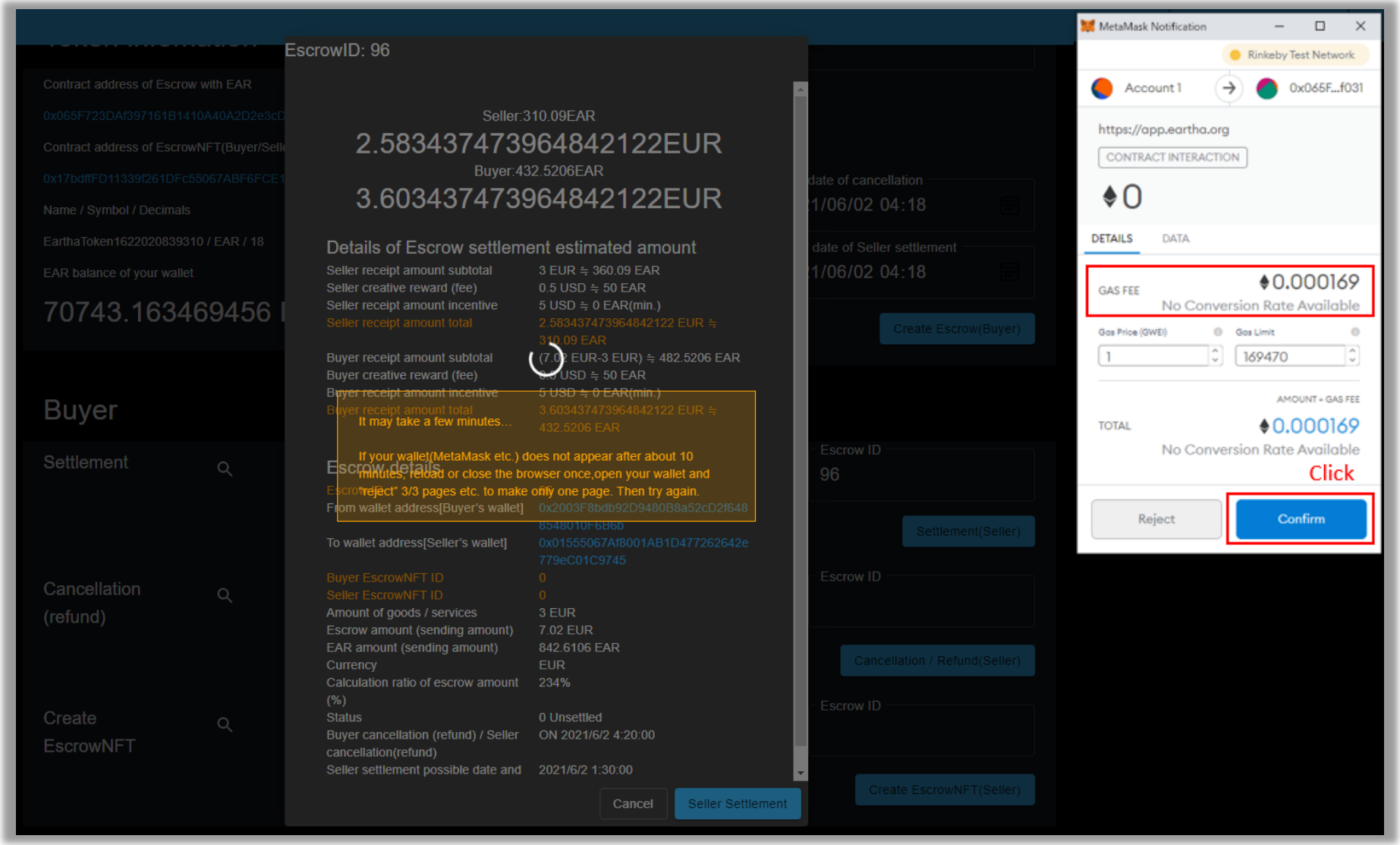
Estimated amount of the seller

Estimated amount of the buyer

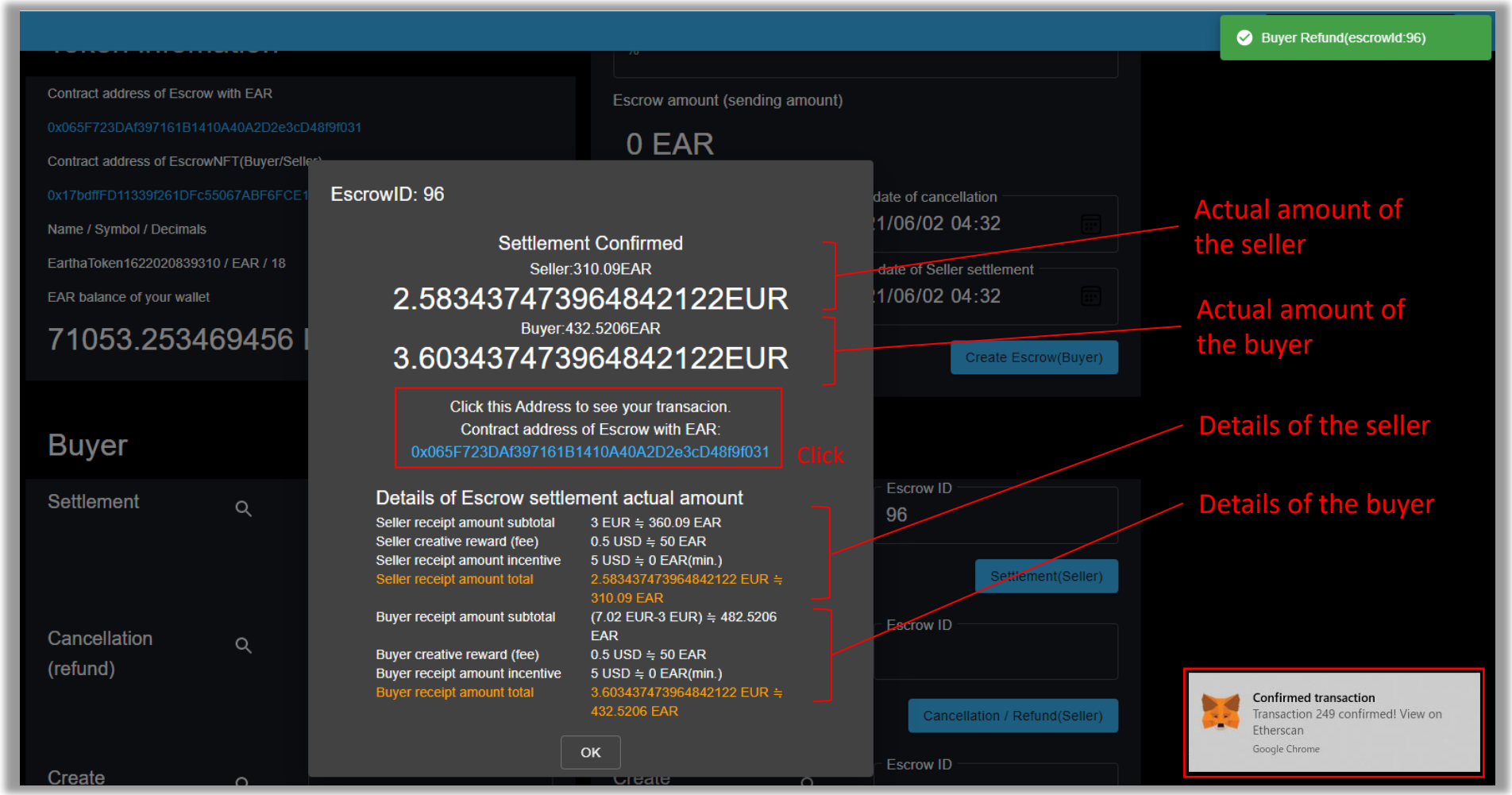
Details of the seller

Details of the buyer

Check the gas fee etc. in your wallet.
Click “Confirm” to send send the amount converted from fiat currency to EAR.



You will be notified by the wallet when it is complete.
Check the actual amount and details.
Click the “Contract address” if you want to see if the seller settlement was really made properly.



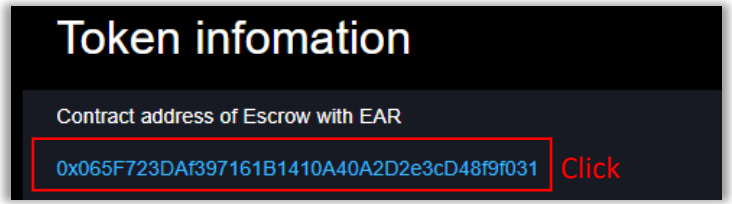
Confirmation of Seller settlement (Buyer/ Seller)

Check Etherscanへ変更予定

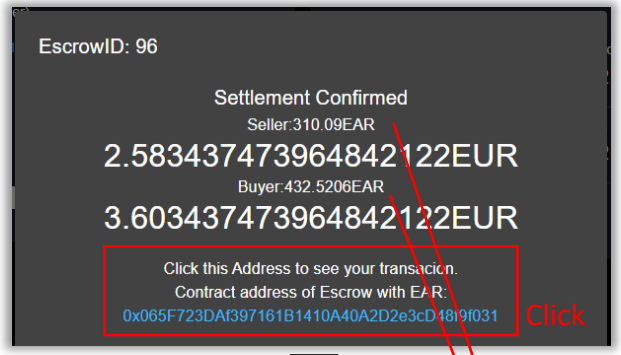
tha(EAR)

Check your transaction and it's details on Etherscan.

Etherscan allows you to see all the transactions so you can see what the Buyer Settlement is doing right now.

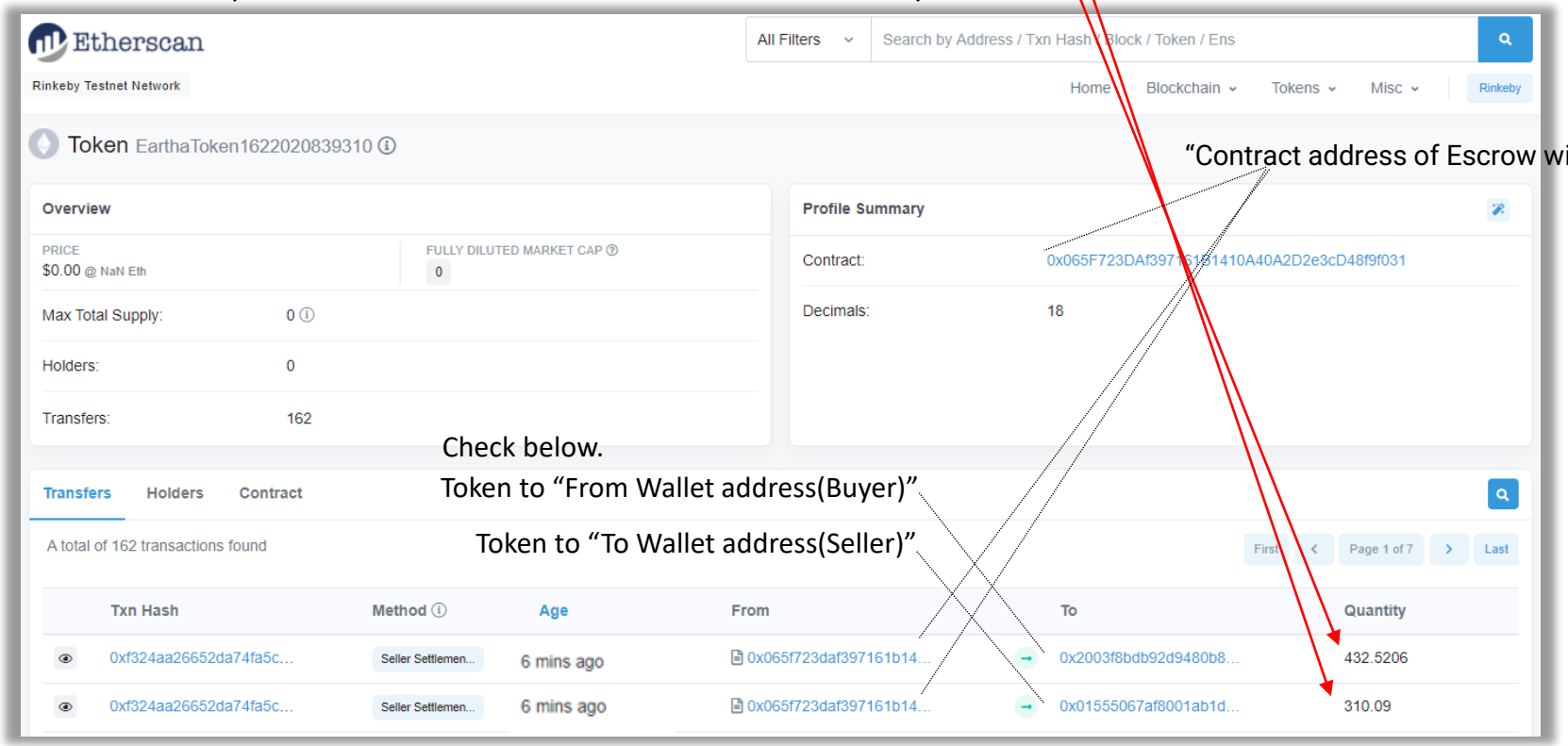


or



Check below.
(1) Amount (EAR base)
(2) The Amount converted from fiat currency to EAR has been sent from Contract address to the seller and buyer.

*If an EscrowNFT has been issued, it will be sent to the wallet address of the NFT owner.

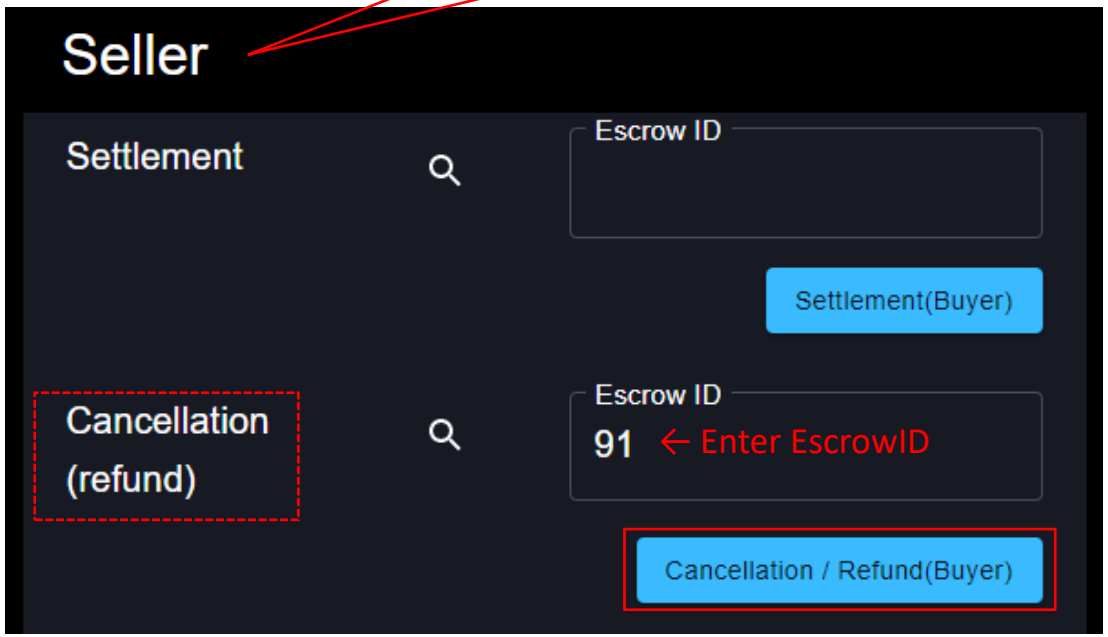


“Cancellation (Refund)” can be possible by both the buyer and the seller, if the buyer creates an escrow with “Cancellation (Refund)” set to “ON“.
In addition, the buyer and the seller can do it before "End date of cancellation”

https://eartha.org

Click

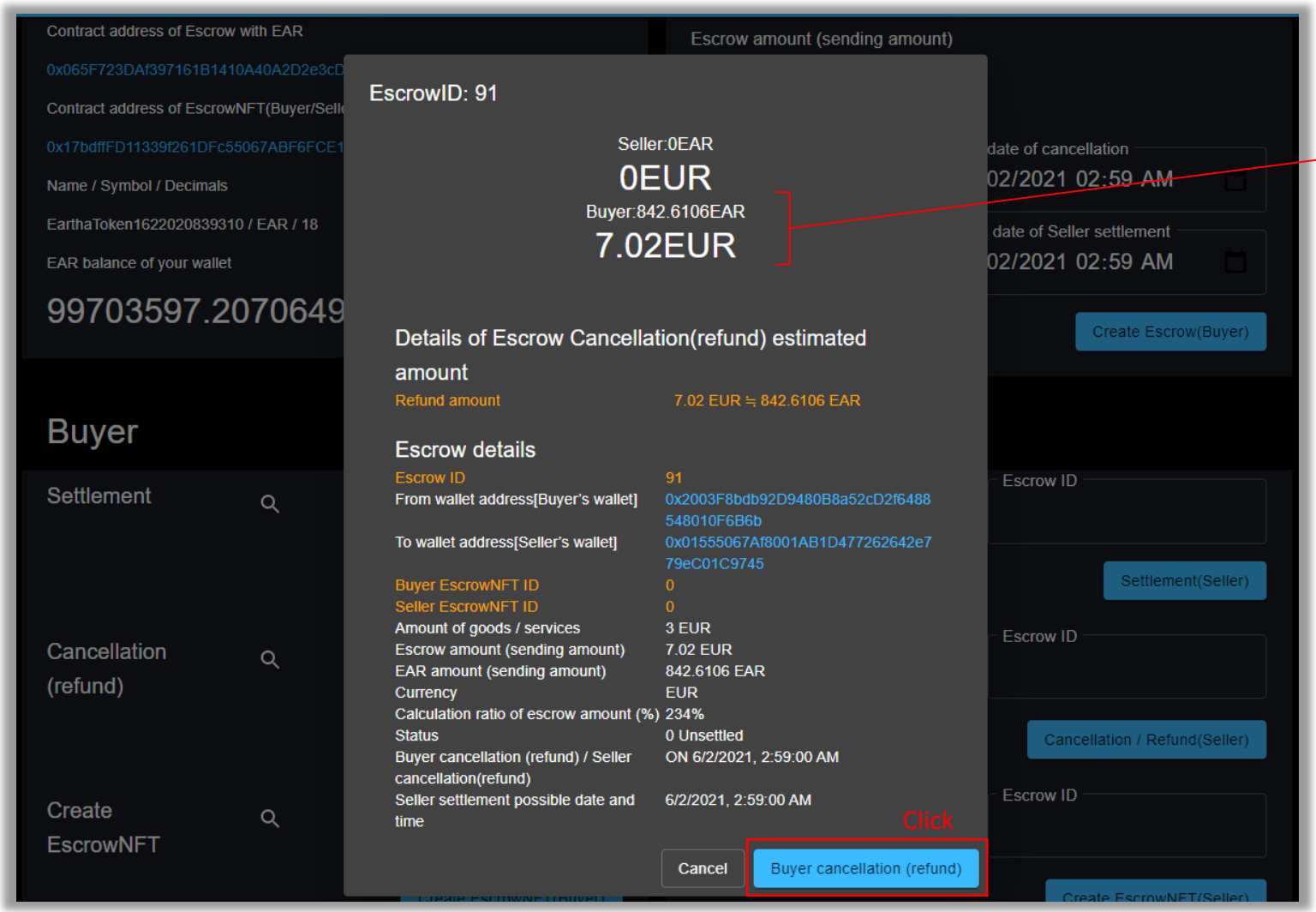
Seller’s Operation



Note:

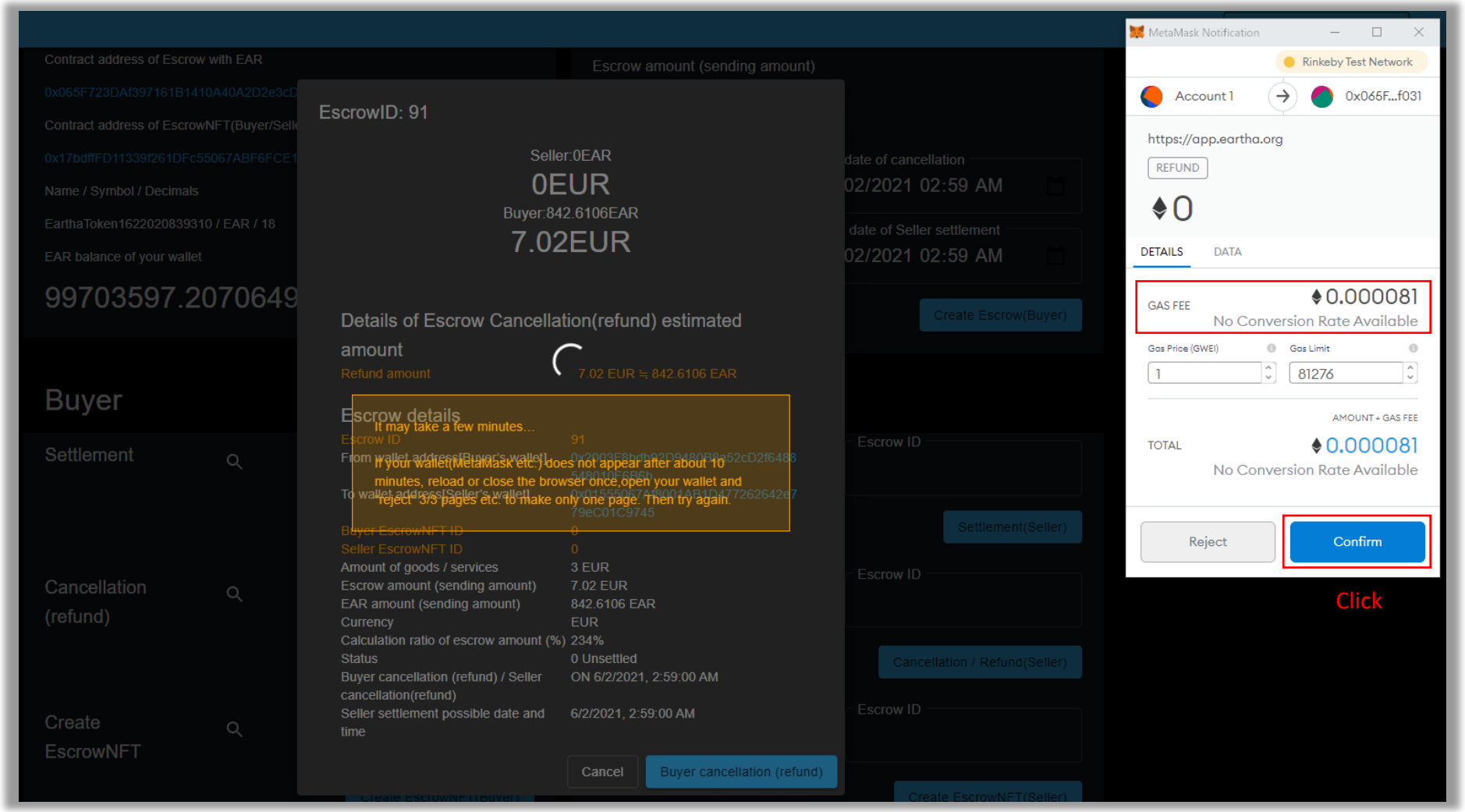
- If the buyer creates an escrow with "Cancellation (Refund)" set to "OFF", "Cancellation (Refund)" is not possible.
- Both the buyer and the seller cannot cancel after the “End date of cancellation” date and time.

Check the Refund amount, and click “Seller Cancellation(refund)”. The full amount will be refunded to the buyer.
Then your wallet is called.
*If the buyer created the NFT before the refund, the owner of that NFT will refund and receive the refund.

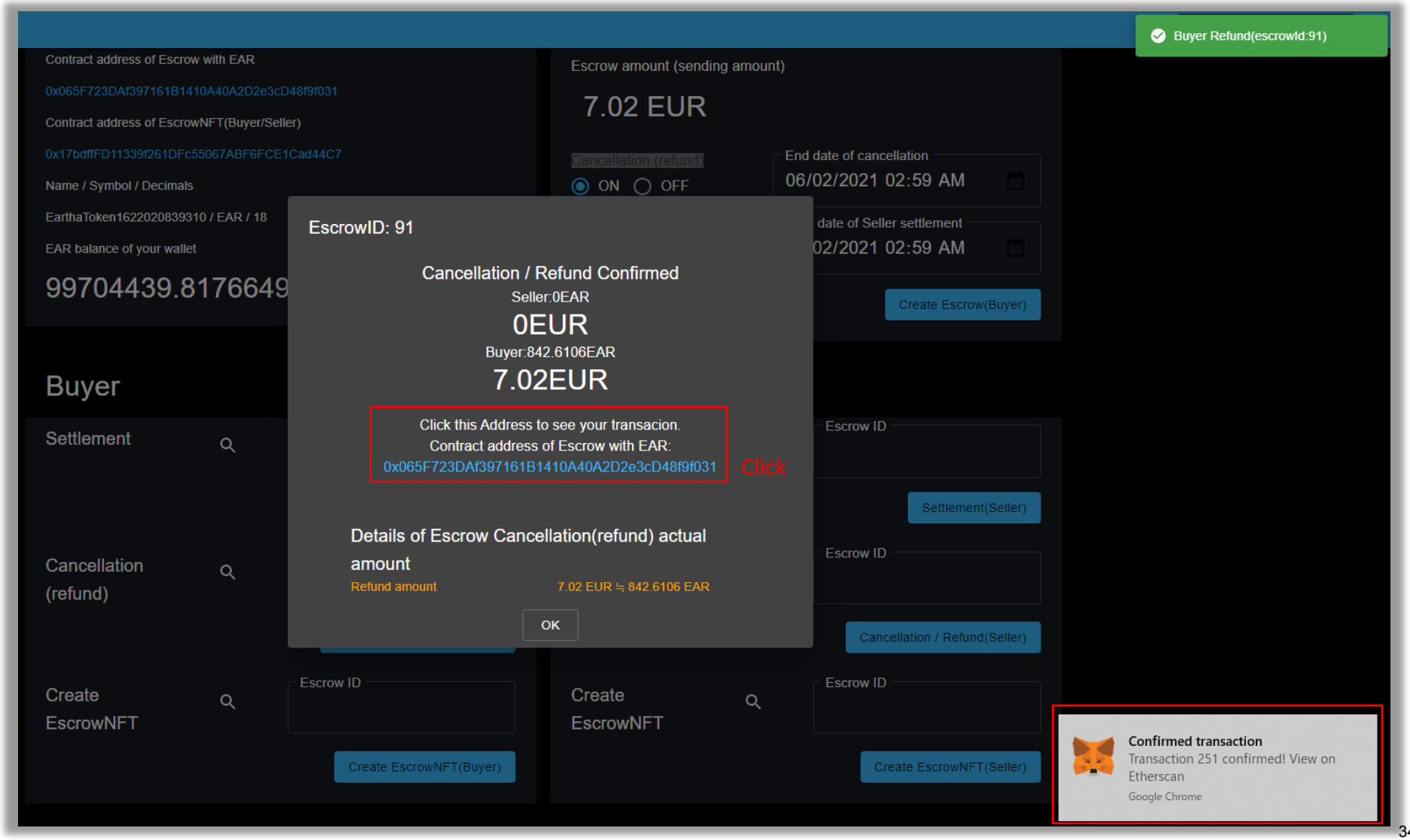


Refund amount
=All amounts

Check the gas fee etc. in your wallet.
Click “Confirm” to send the amount converted from fiat currency to EAR.



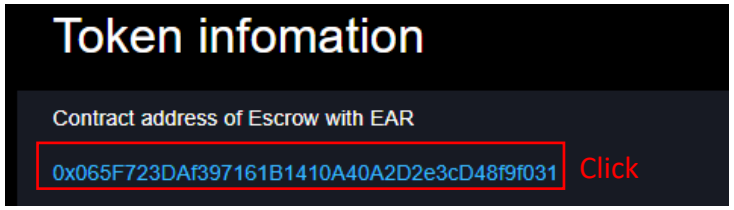
You will be notified by the wallet when it is complete.
Check the actual amount.
Click the “Contract address” if you want to see if the cancellation was really made properly.

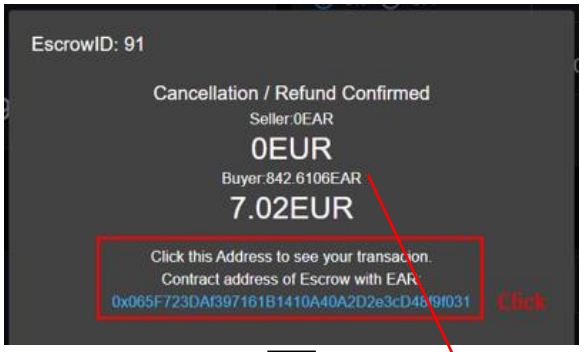


Confirmation of Seller Cancellation(Refund)

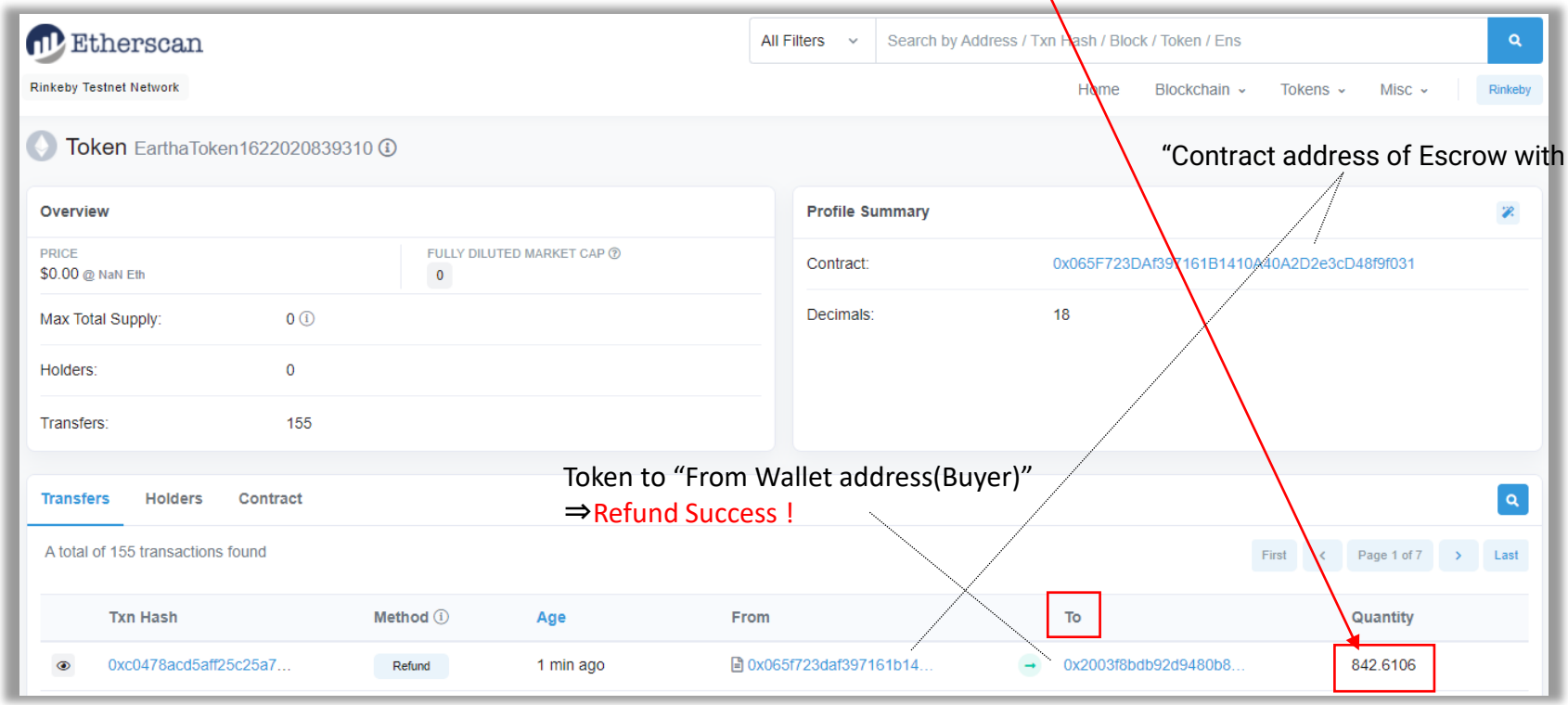
Eartha(EAR)

Check your transaction and it’s details on Etherscan.
Etherscan allows you to see all the transactions so you can see what the cancellation is doing right now.





Check below.
(1) Amount (EAR base)
(2) The amount converted from fiat currency to EAR has been sent from the contract address to the buyer(From wallet address) .



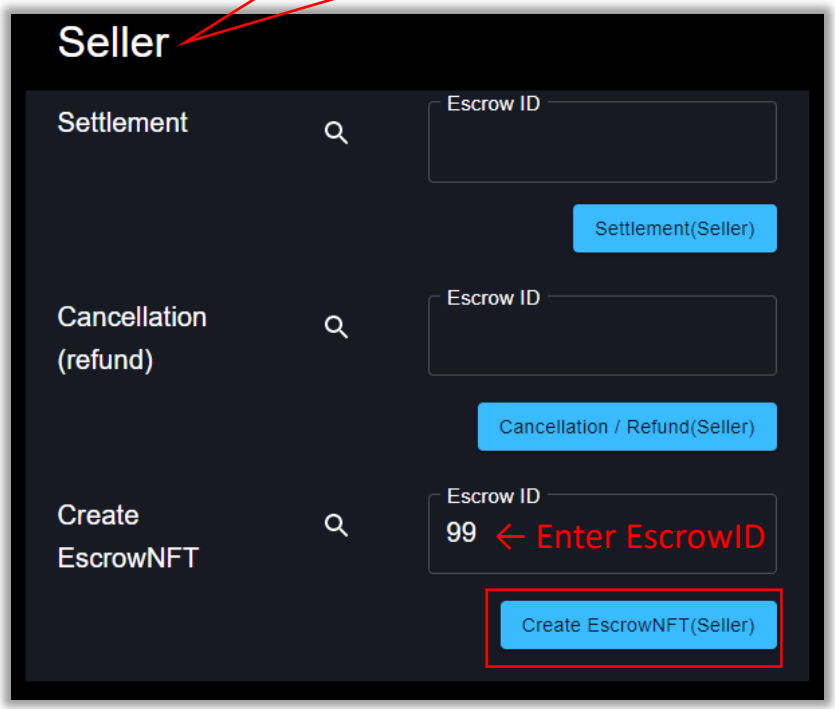
Create Seller EscrowNFT

The seller can turn the credits into an NFT and can sell it, after "End date of cancellation".
The NFT owner receives the funds when the buyer(or seller) makes the settlement.

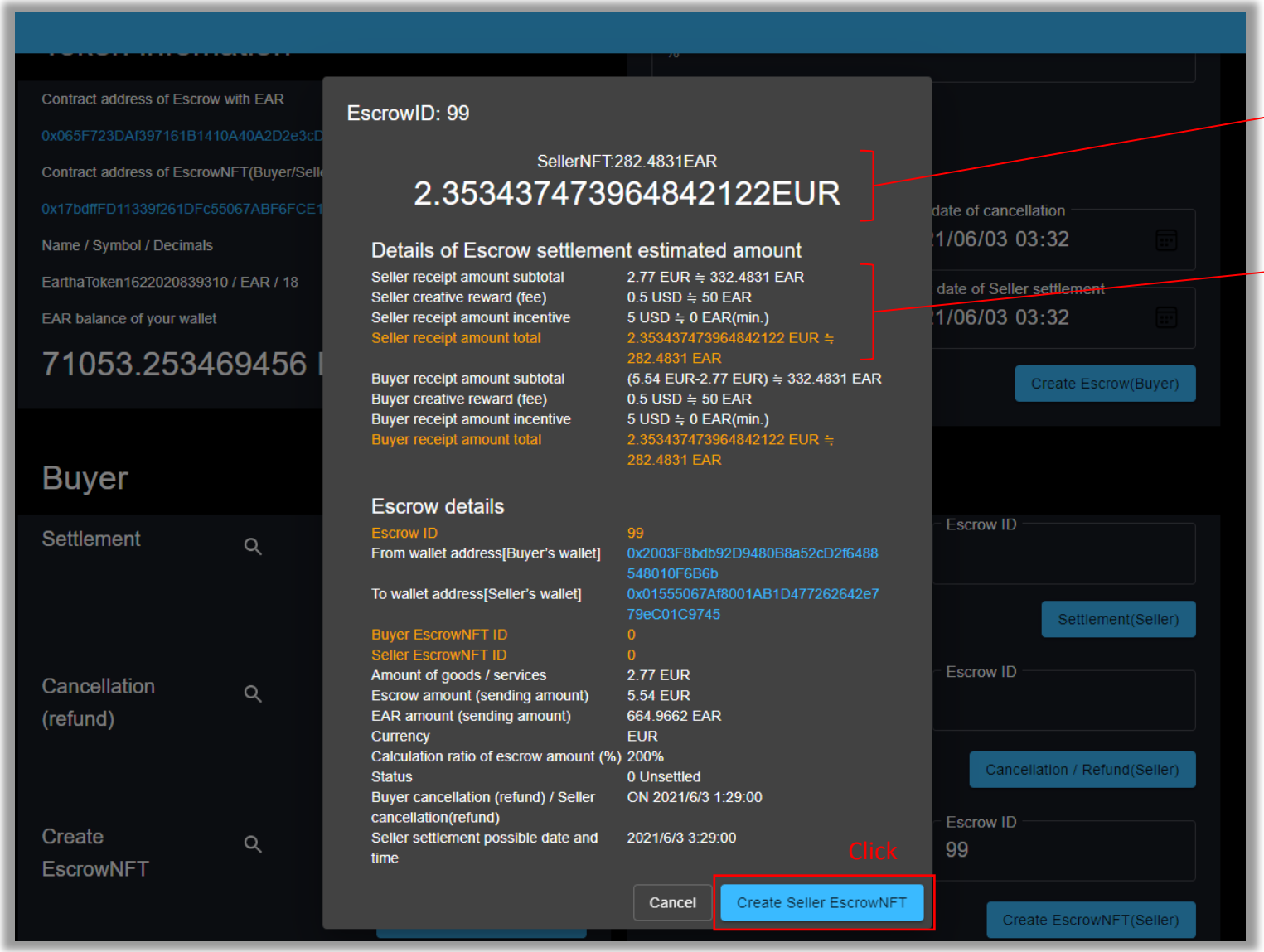
https://eartha.org

Click

Seller's Operation



Check the estimated amount expected to be received by the seller in the future and details, and click “Create Seller EscrowNFT”.
Then your wallet is called.



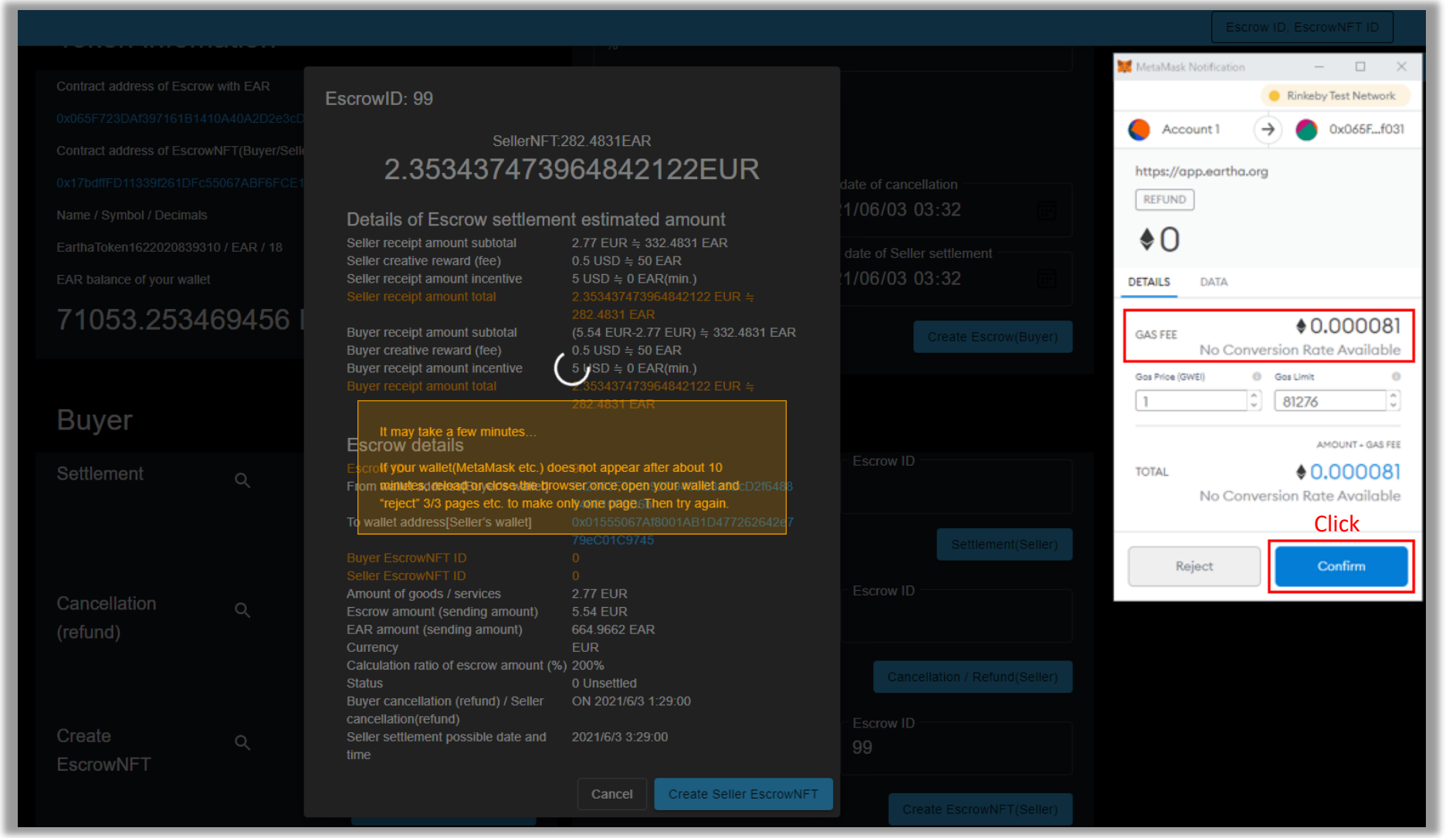
Amount expected to be received by the seller in the future

Details of the Seller

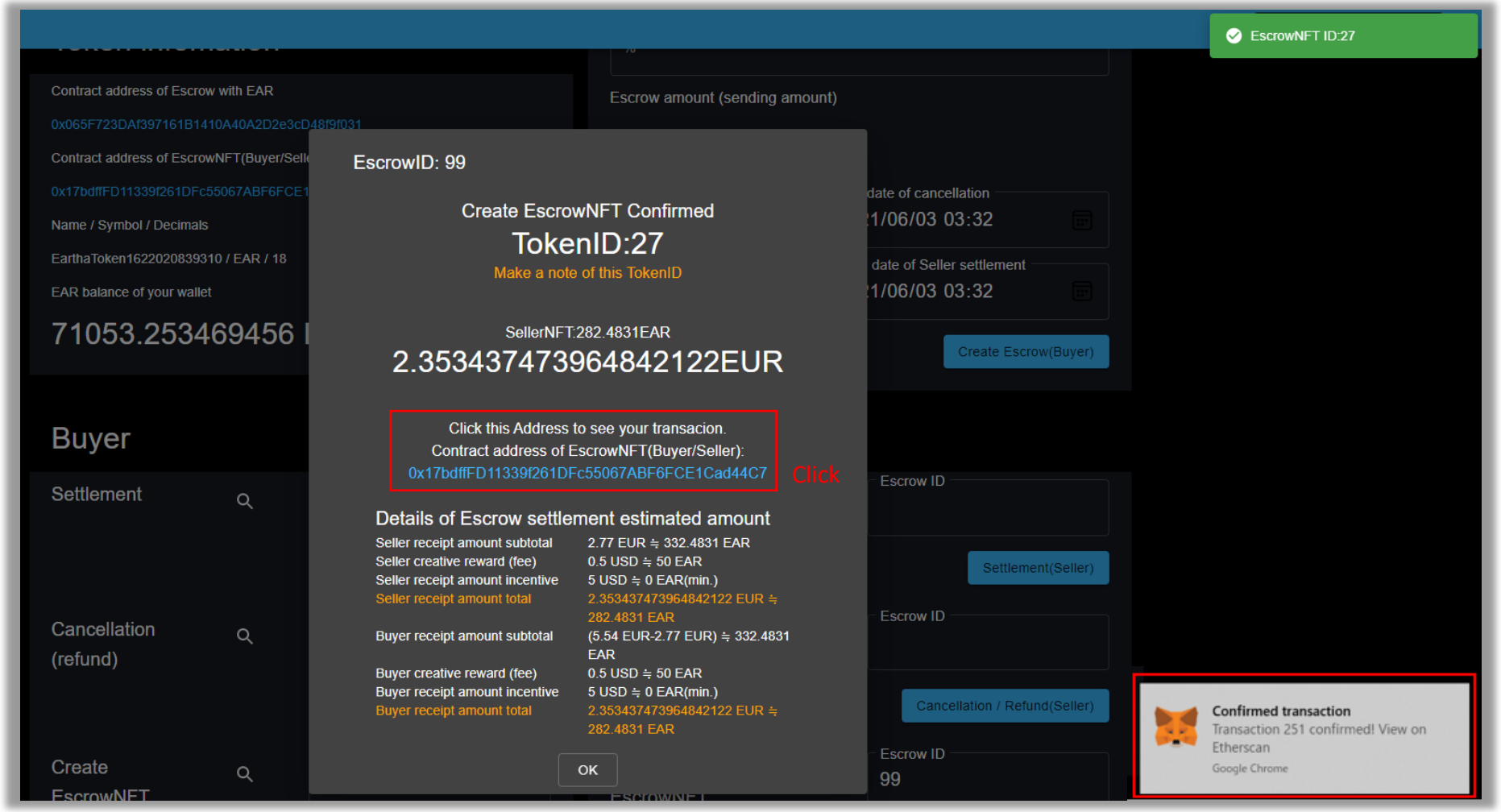
Create Seller EscrowNFT

Eartha(EAR)

Check the gas fee etc. in your wallet.
Click “Confirm” to create buyer NFT.



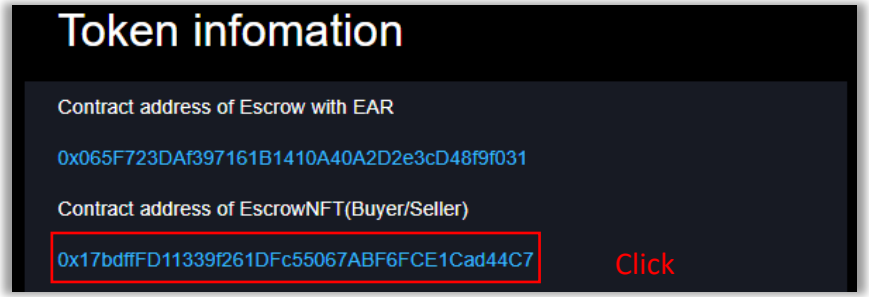
You will be notified by the wallet when it is complete.
Click the “Contract address of EscrowNFT(Buyer/Seller)” if you want to see if the escrow was really created.

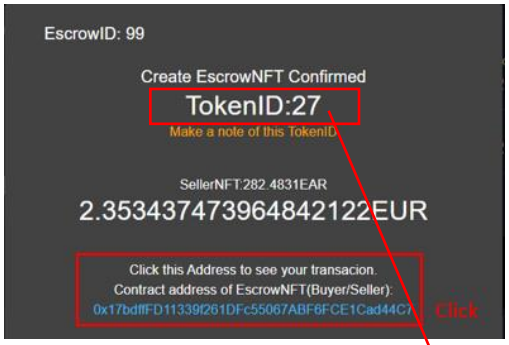


Create Seller EscrowNFT

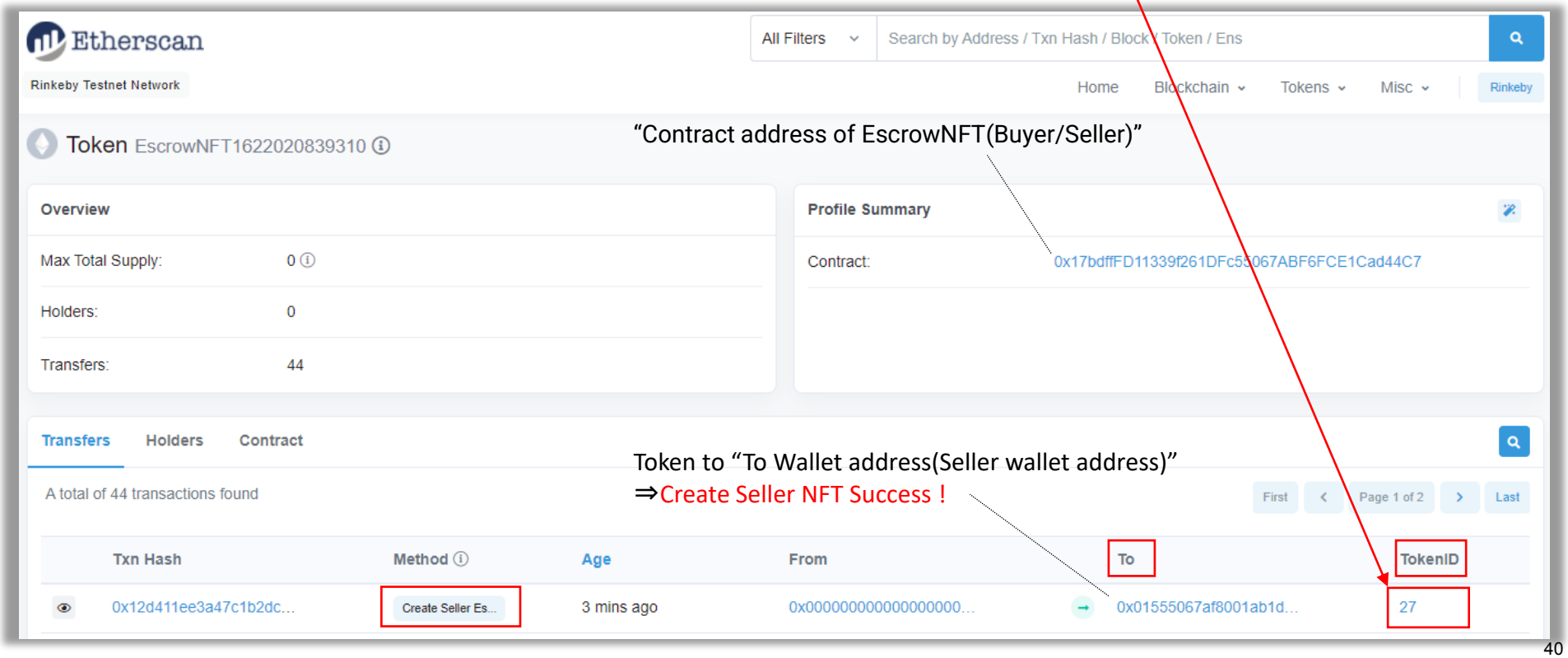
Eartha(EAR)

Check your transaction and it’s details on Etherscan.
Etherscan allows you to see all the transactions so you can see what the cancellation is doing right now.

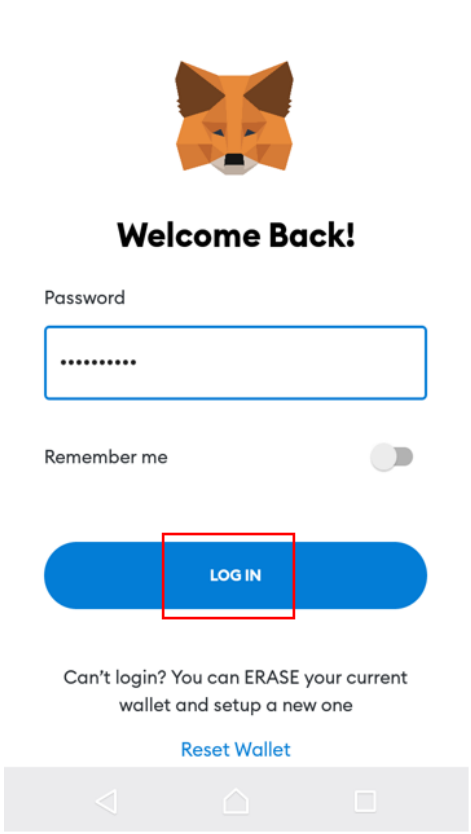


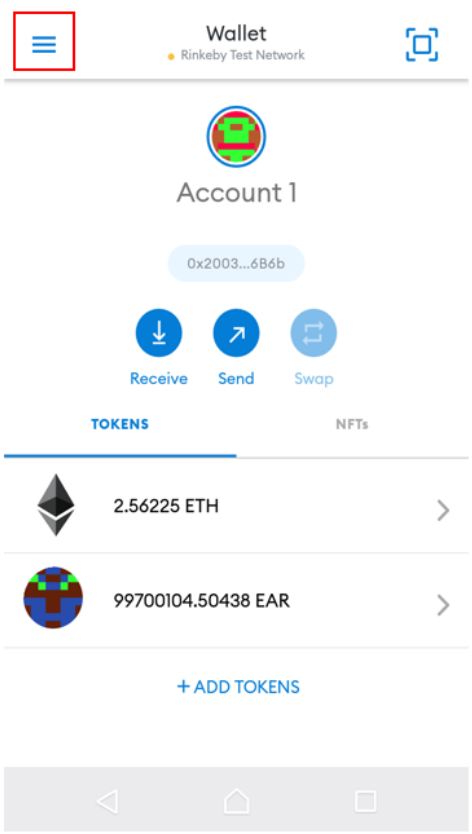


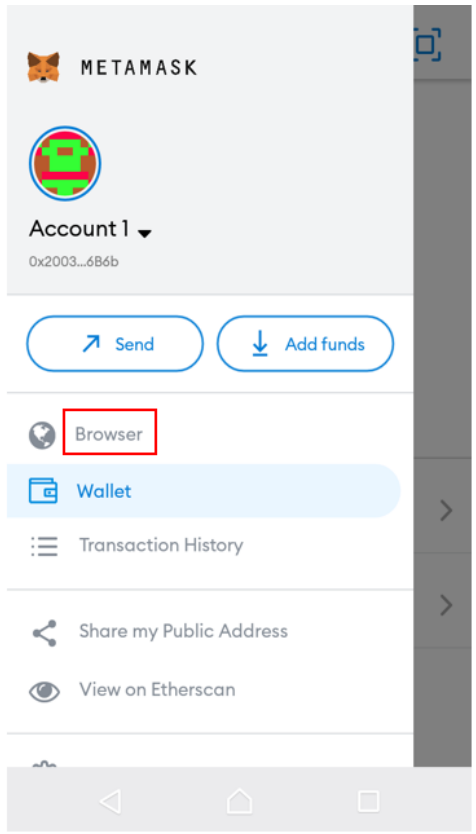
Check “Token ID”(NFT ID)

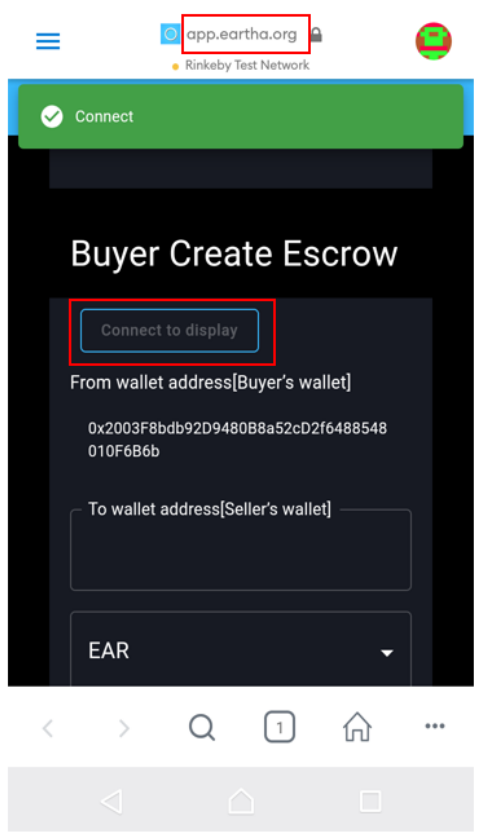


Download a wallet such as Metamask.
View “app.eartha.org” from your wallet browser.
Connect to your wallet.





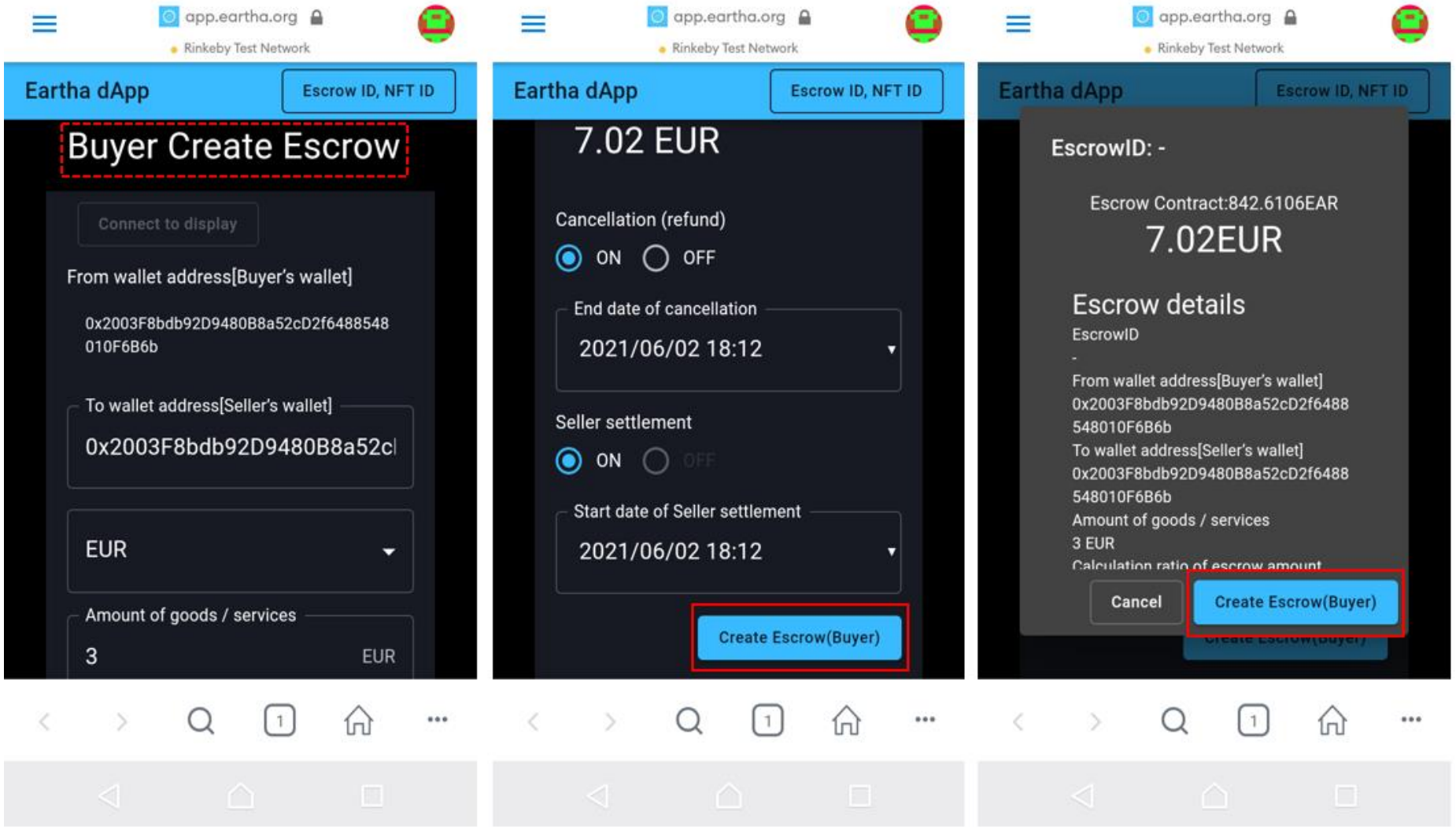




Create Escrow with Smartphone

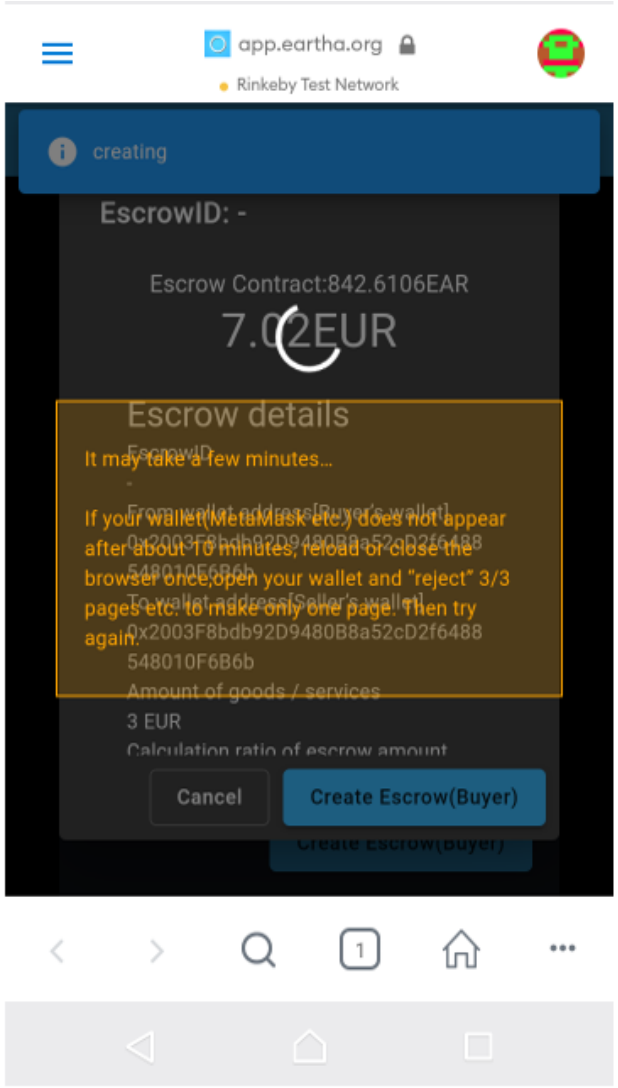
Enter the seller's wallet address, the amount of goods/ services, and the Calculation ratio of escrow amount.

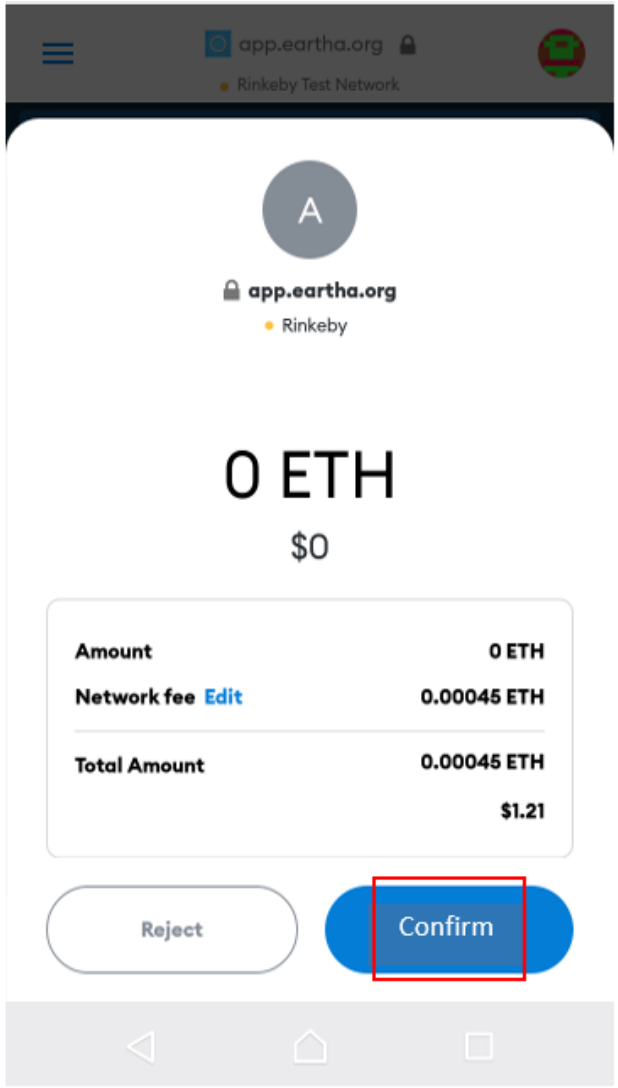
Check the estimated amount and details, and click “Create Escrow(Buyer)”.
Then your wallet is called.

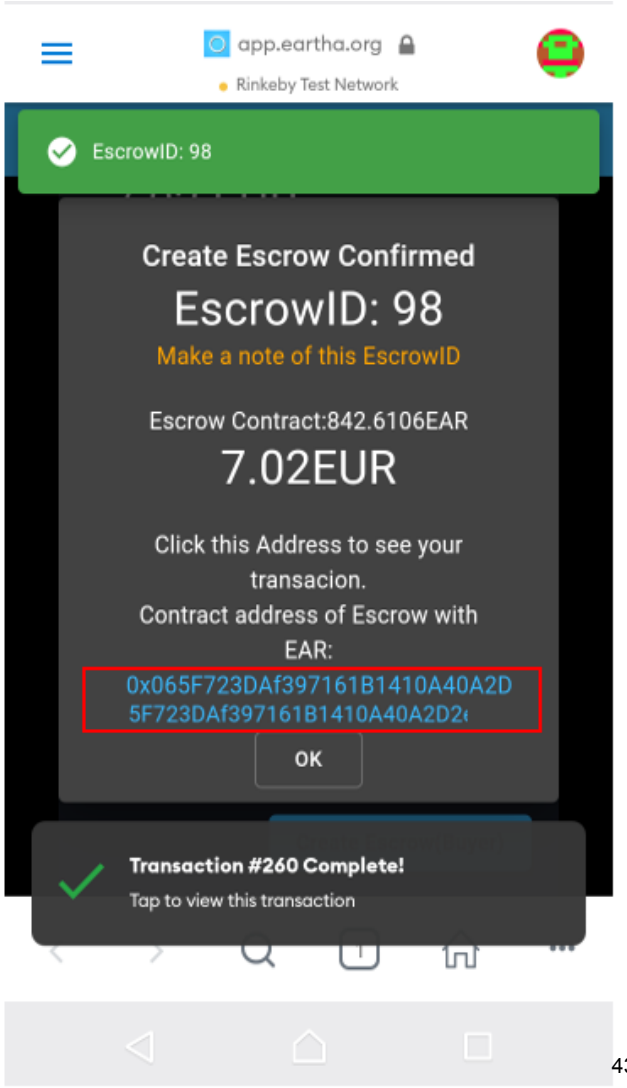


Check the gas fee etc. in your wallet.
Click “Confirm” to send the amount converted from fiat currency to EAR.

You will be notified by the wallet when “Create Escrow” is complete.
Click the “Contract address” if you want to see if the escrow was really created.

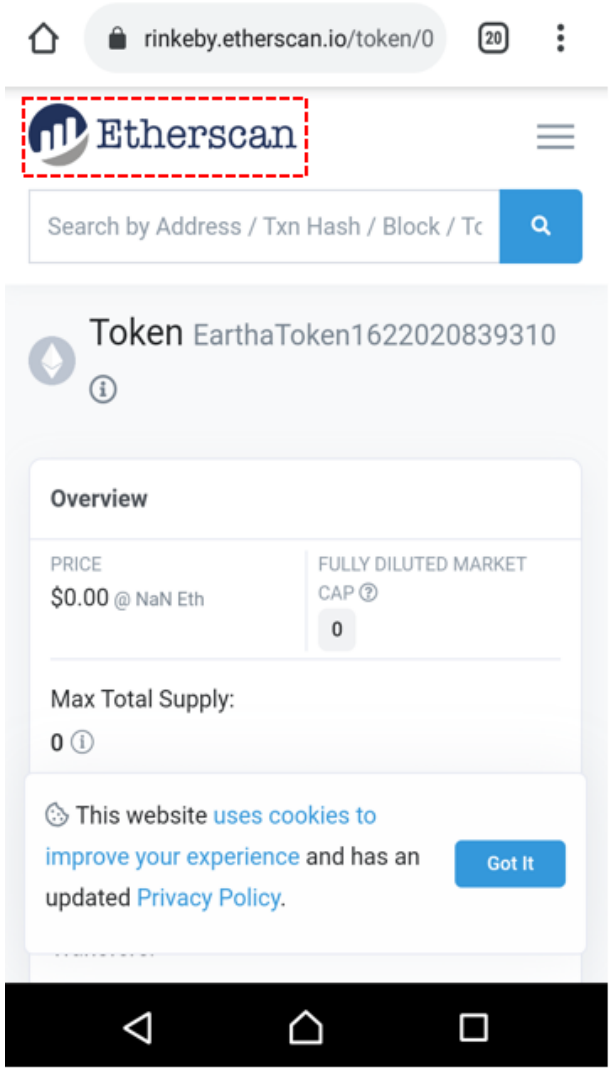


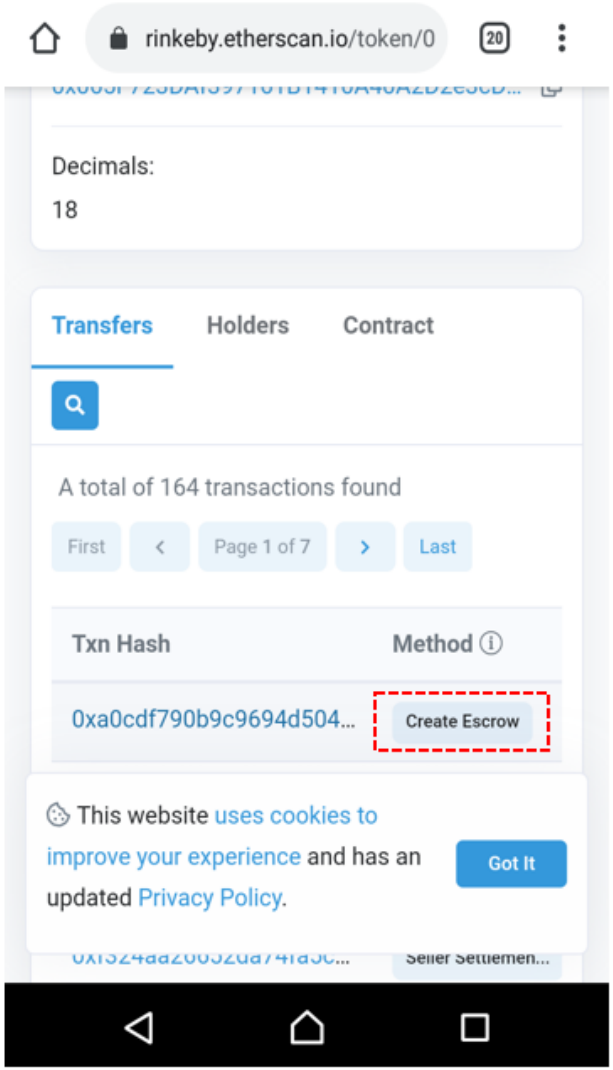


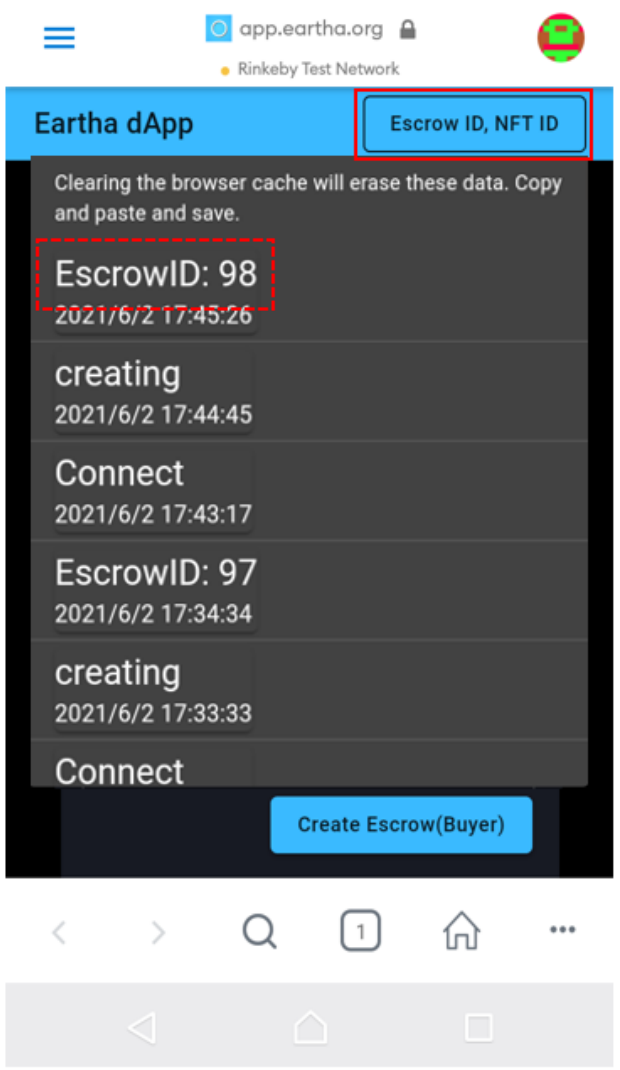


Create Escrow with Smartphone

Check your transaction and it’s details on Etherscan.
Etherscan allows you to see all the transactions so you can see what the cancellation is doing right now.
Make a note of the EscrowID. You can also check with POP UP.



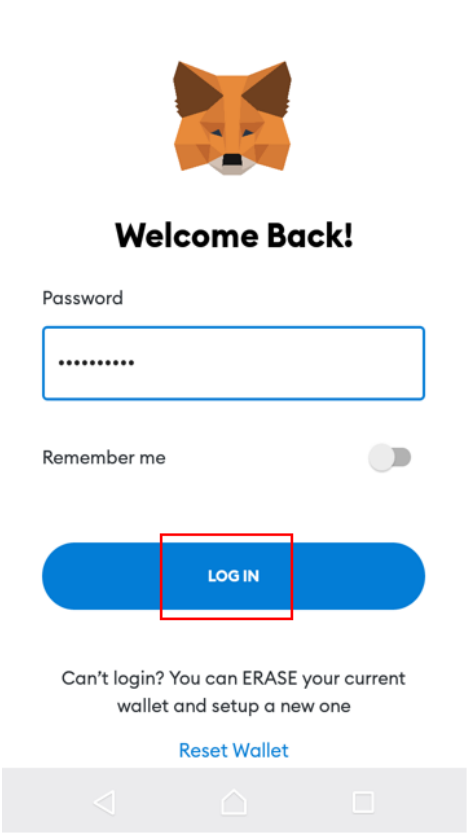


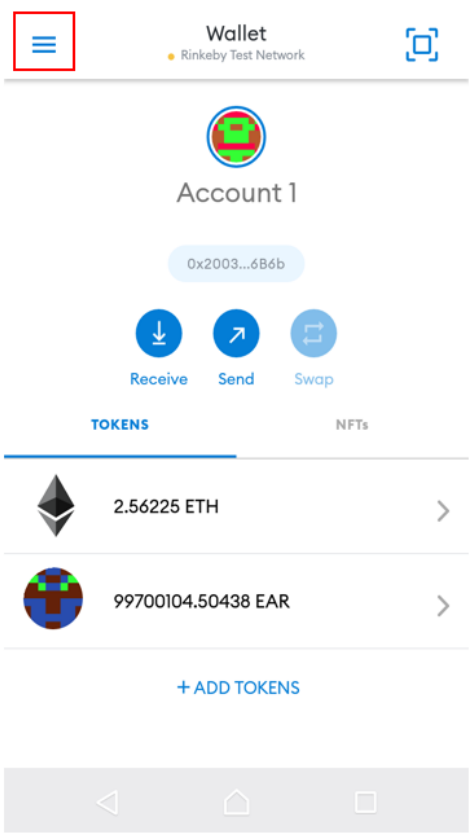


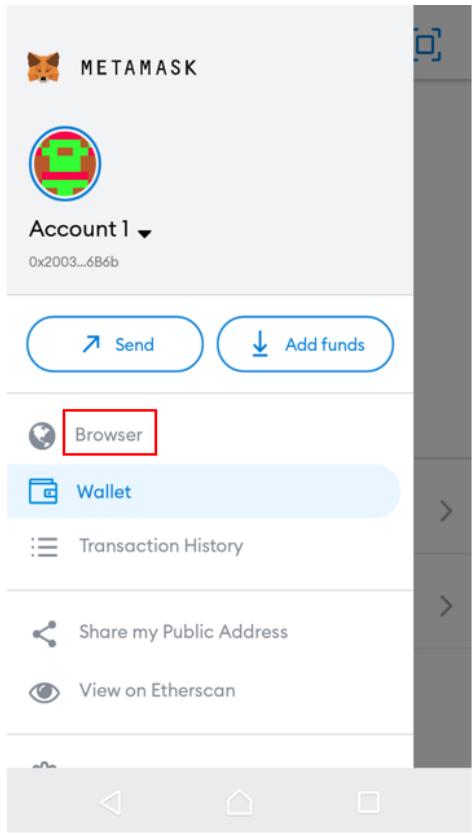
Buyer settlement with Smartphone

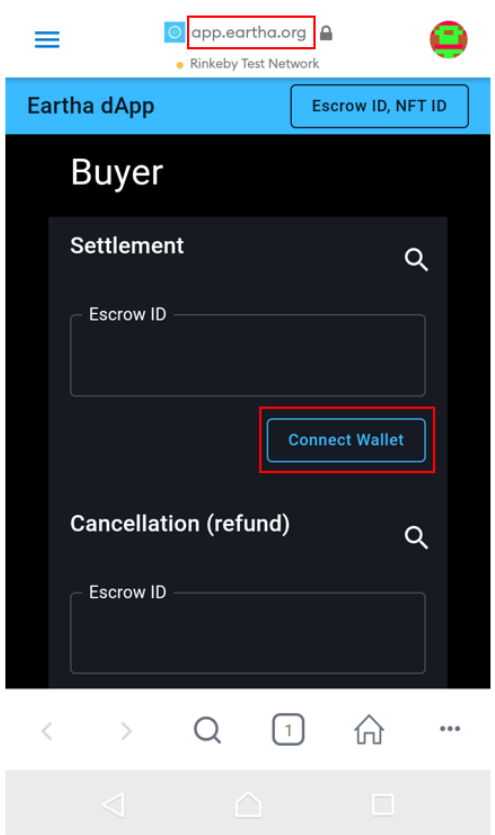
Eartha(EAR)

Download a wallet such as Metamask.
View “app.eartha.org” from your wallet browser.
Connect to your wallet.

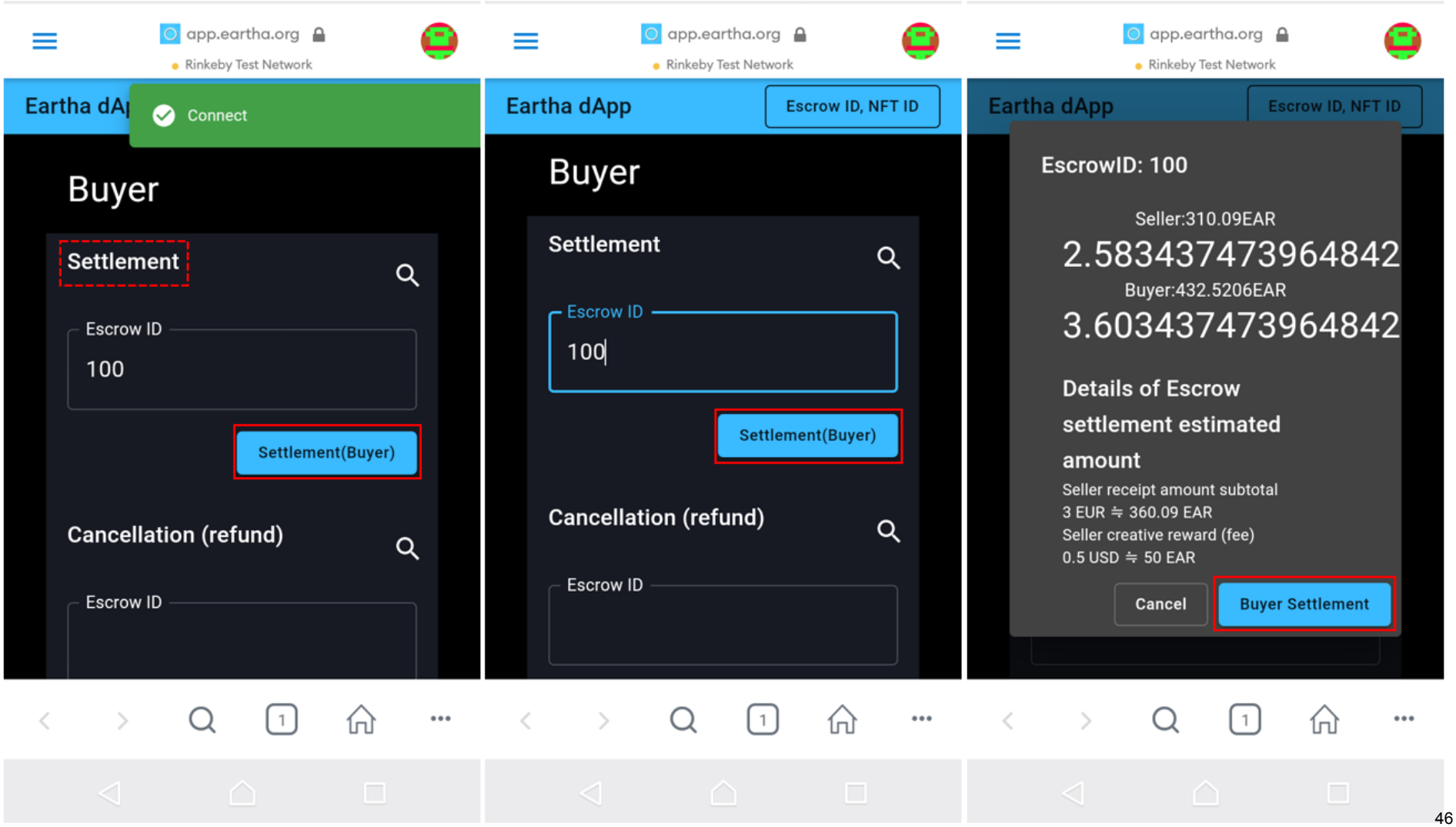








Enter EscrowID.
Check the estimated amount and details, and click “Buyer Settlement”.
Then your wallet is called.

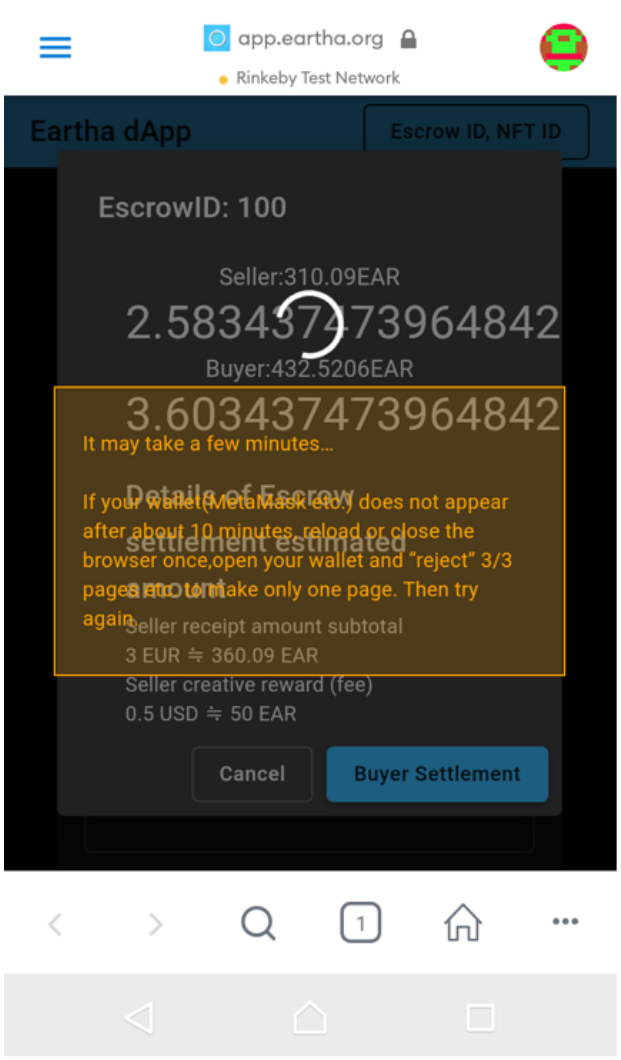


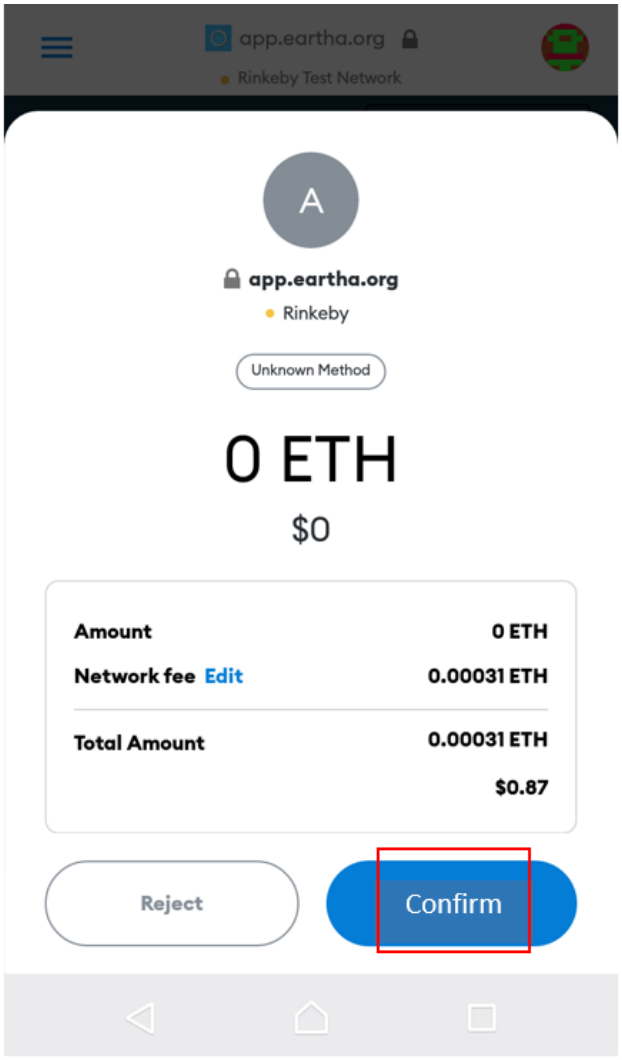
Buyer settlement with Smartphone

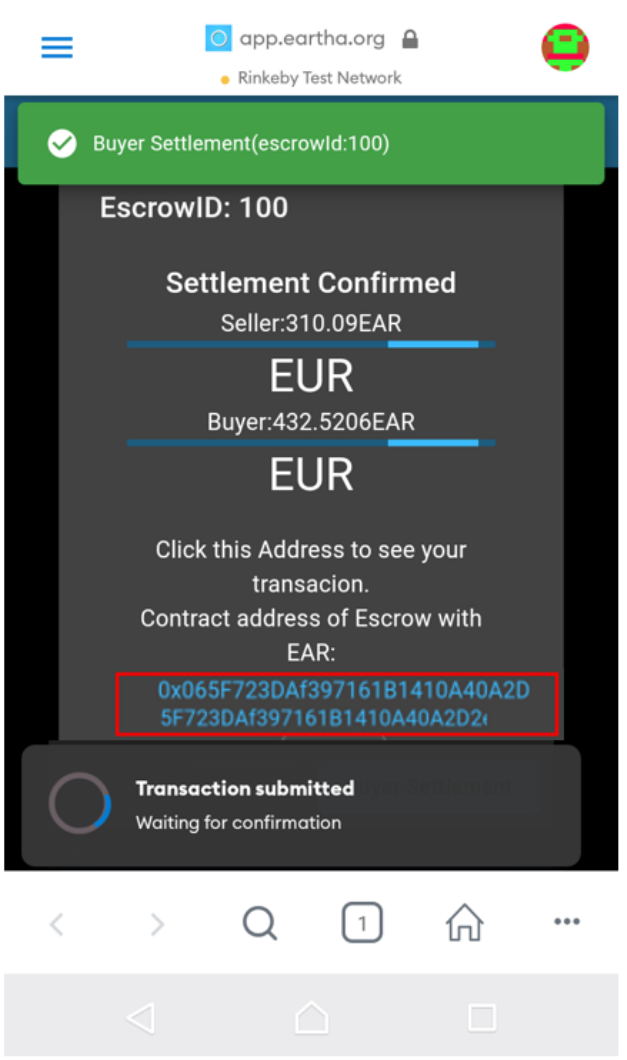
Eartha(EAR)

Check the gas fee etc. in your wallet.
Click “Confirm” to send the amount converted from fiat currency to EAR.

You will be notified by the wallet when “Buyer Settlement” is complete.
Click the “Contract address” if you want to see if the escrow was really created.



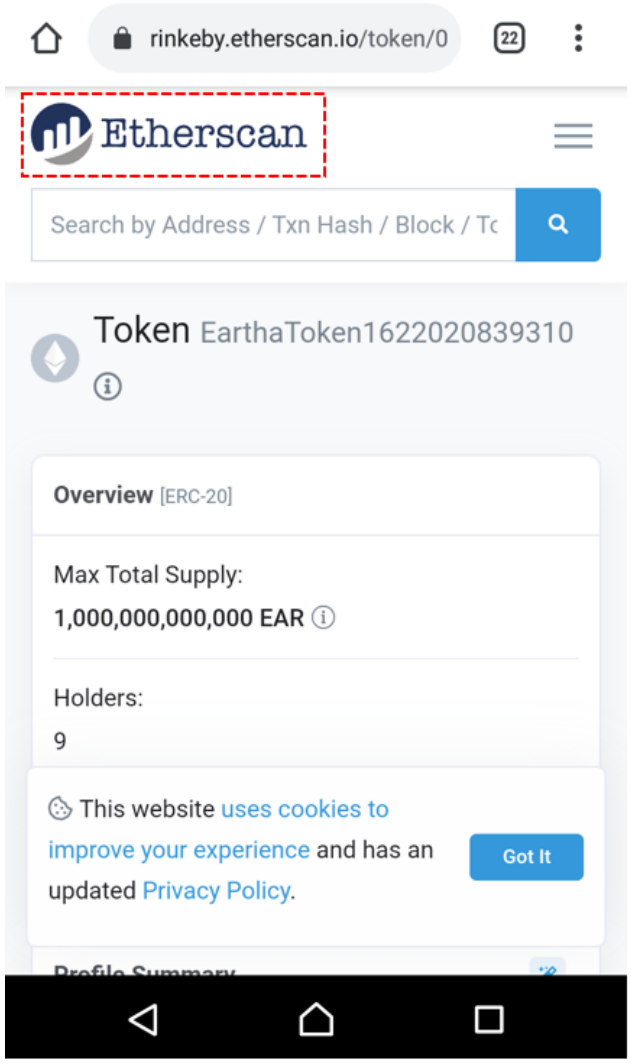


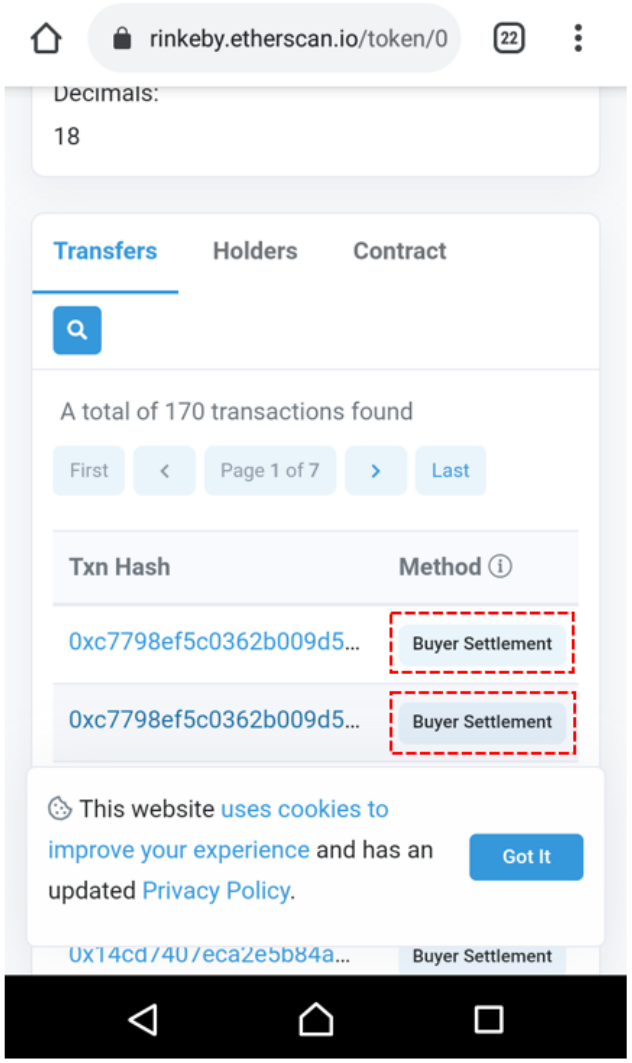


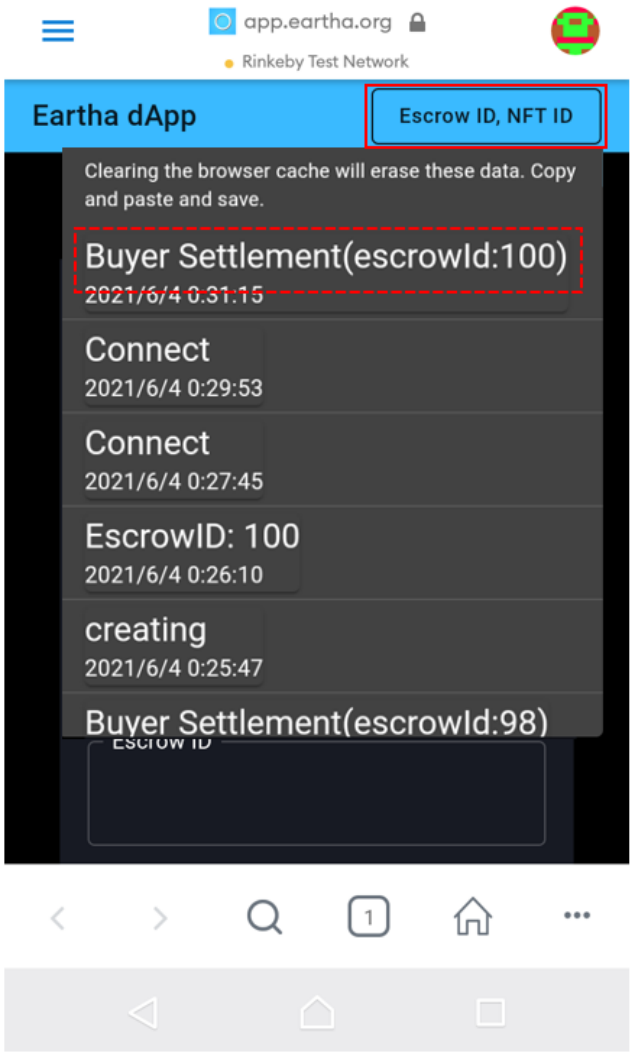
Buyer settlement with Smartphone

Eartha(EAR)

Check your transaction and it’s details on Etherscan.
Etherscan allows you to see all the transactions so you can see what the cancellation is doing right now.
Make a note of the EscrowID. You can also check with POP UP.



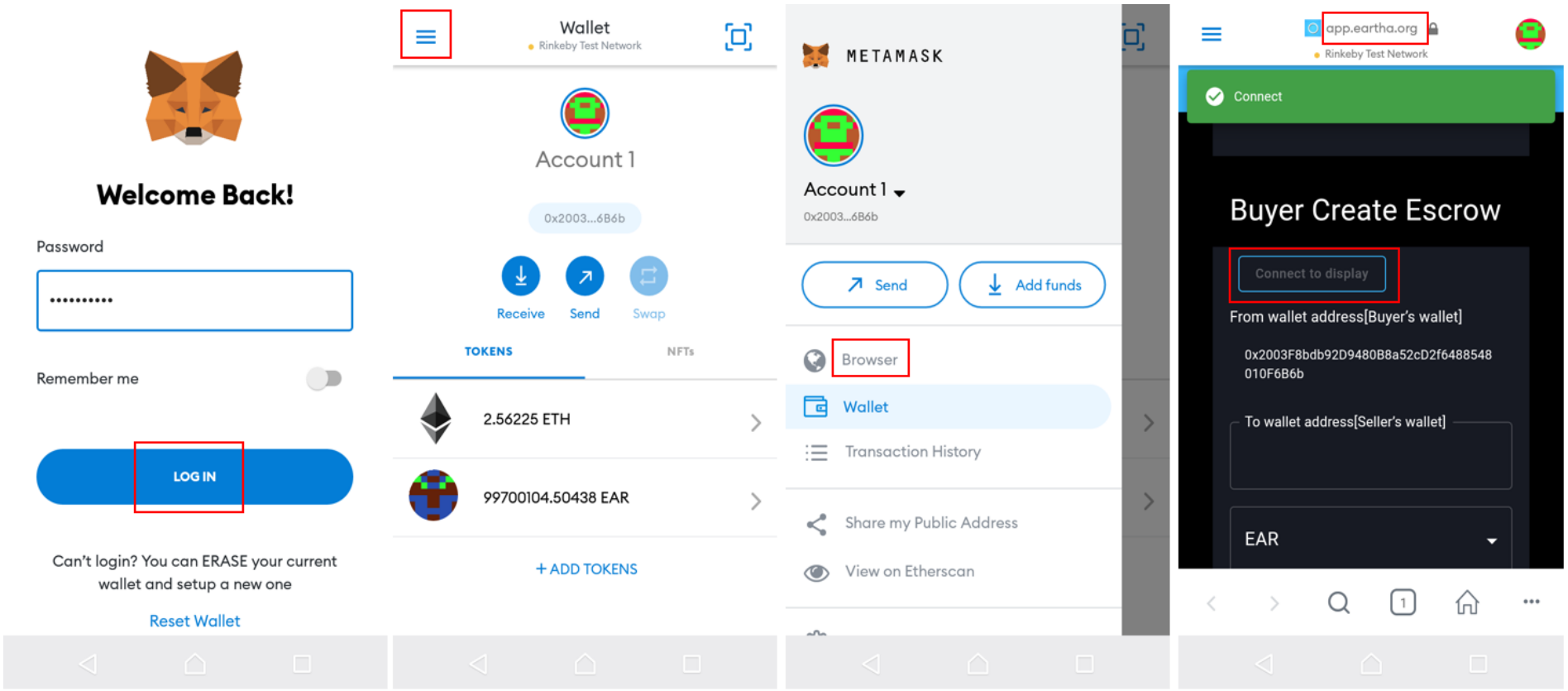




Buyer Cancellation(Refund) with Smartphone

Eartha(EAR)

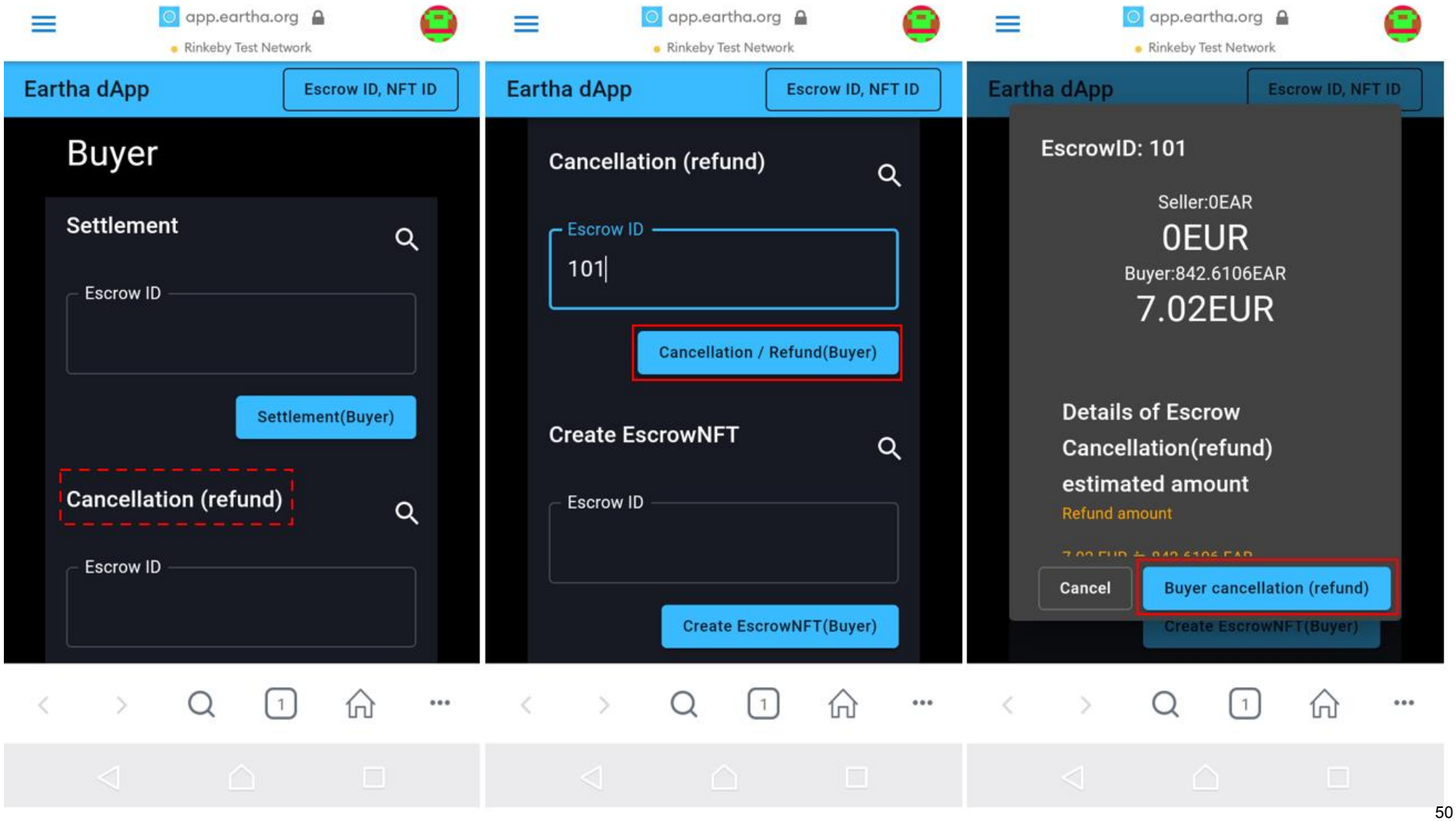
Download a wallet such as Metamask.
View “app.eartha.org” from your wallet browser.
Connect to your wallet.



Buyer Cancellation(Refund) with Smartphone

Eartha(EAR)

Enter EscrowID.
Check the estimated amount and details, and click “Buyer Cancellation(Refund)”.
Then your wallet is called.

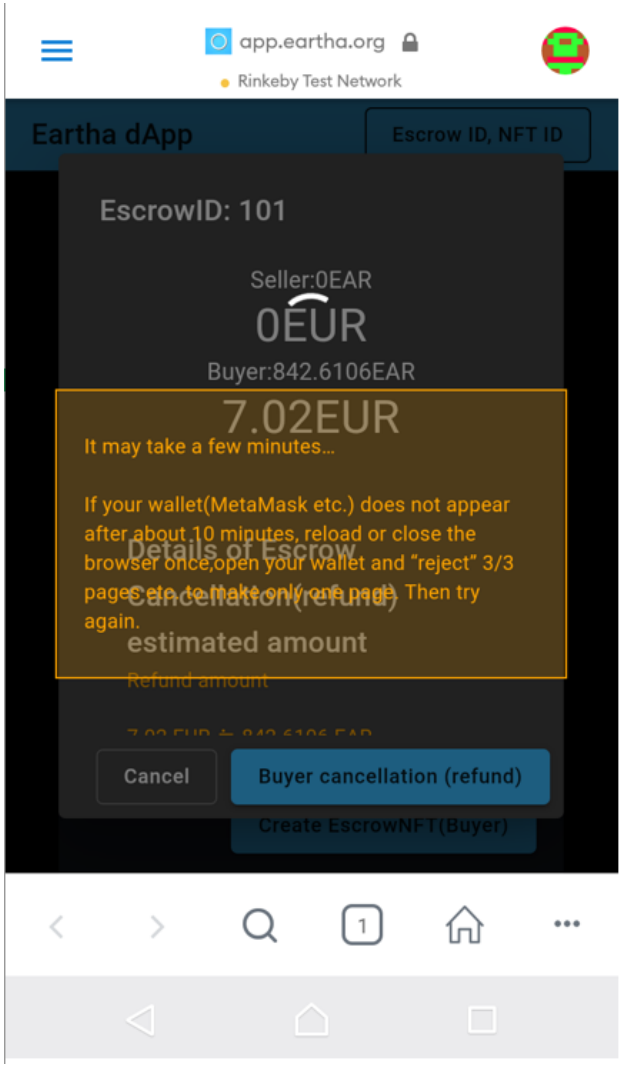


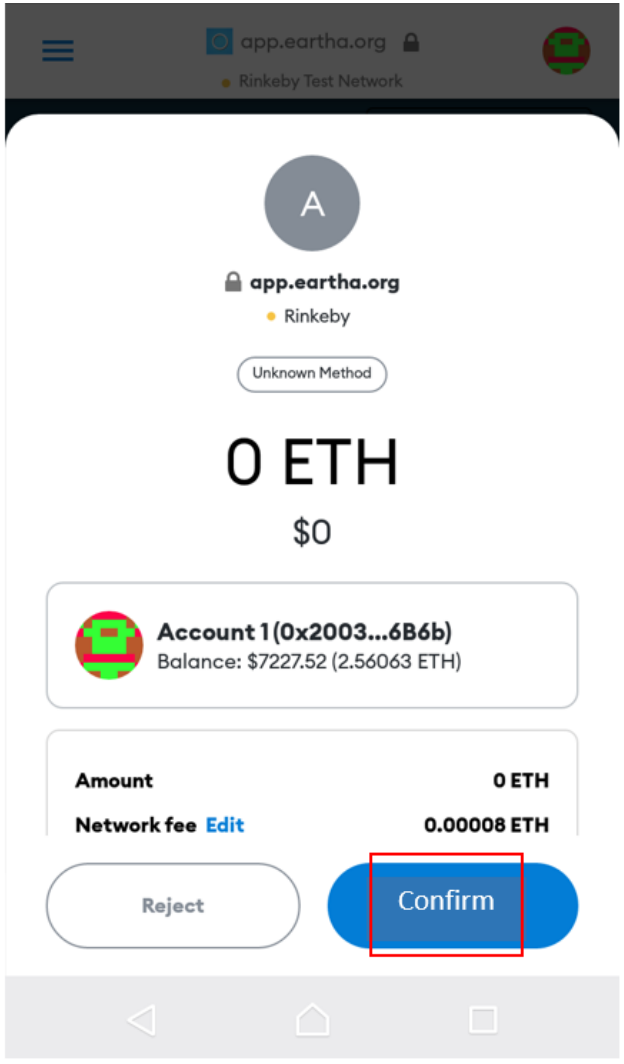
Buyer Cancellation(Refund) with Smartphone

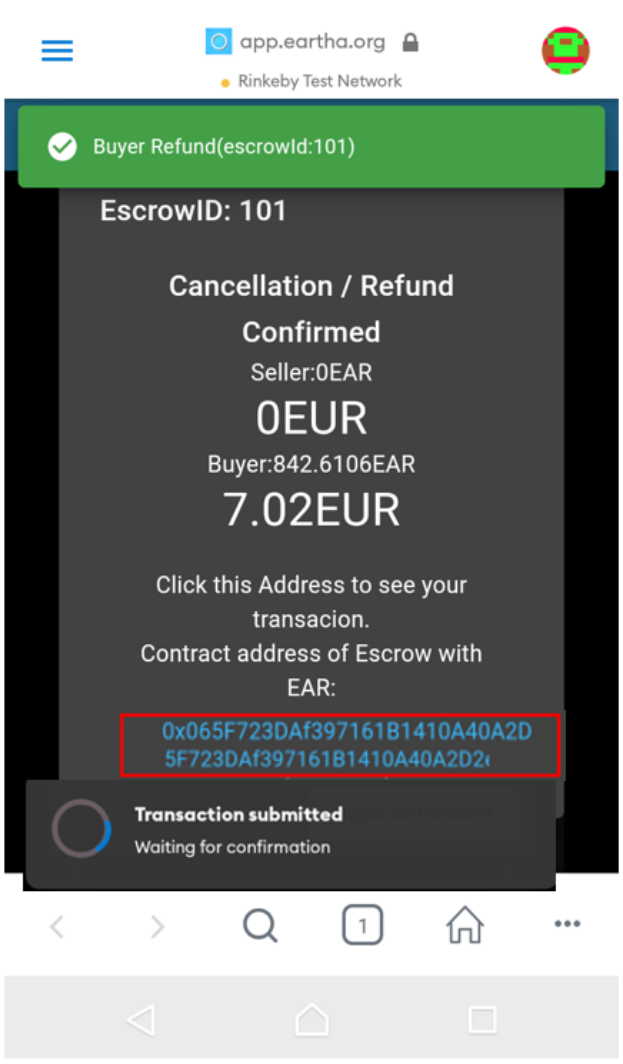
Eartha(EAR)

Check the gas fee etc. in your wallet.
Click “Confirm” to send the amount converted from fiat currency to EAR.

You will be notified by the wallet when “Buyer Cancellation(Refund)” is complete.
Click the “Contract address” if you want to see if the escrow was really created.



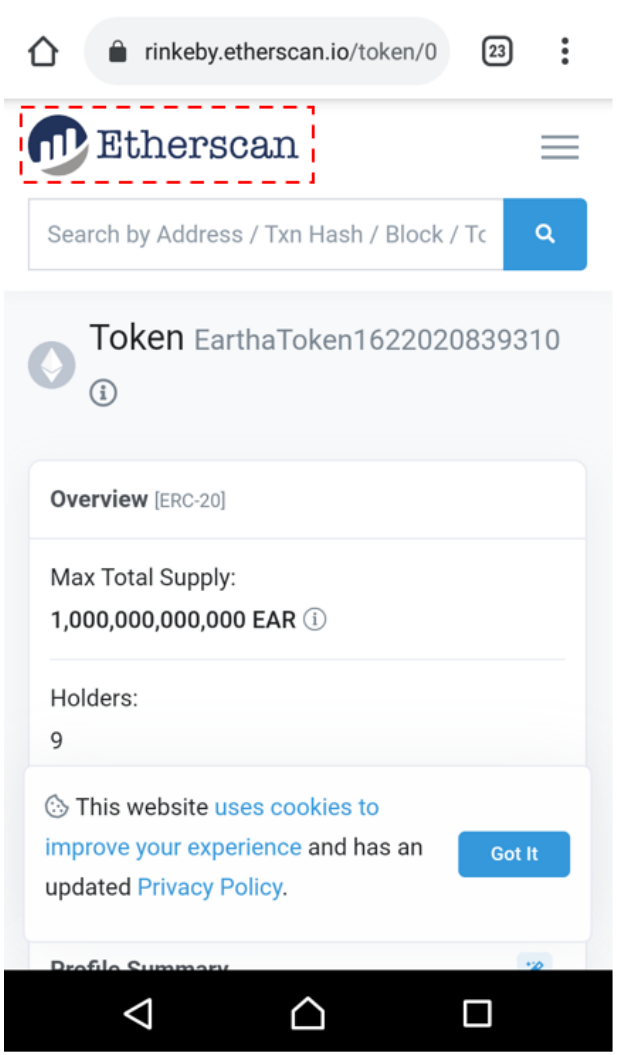


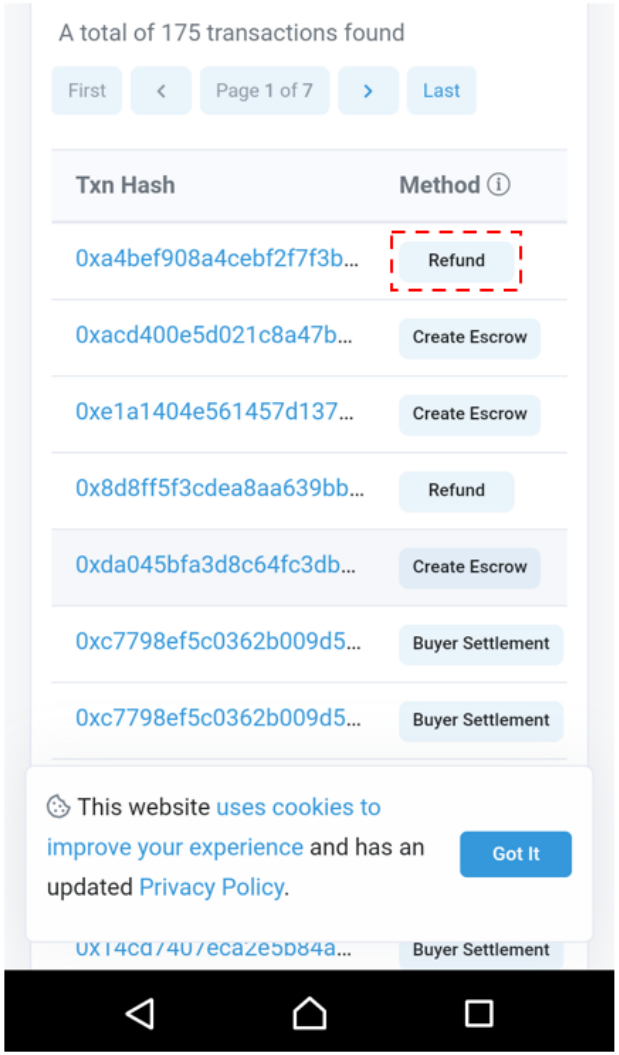


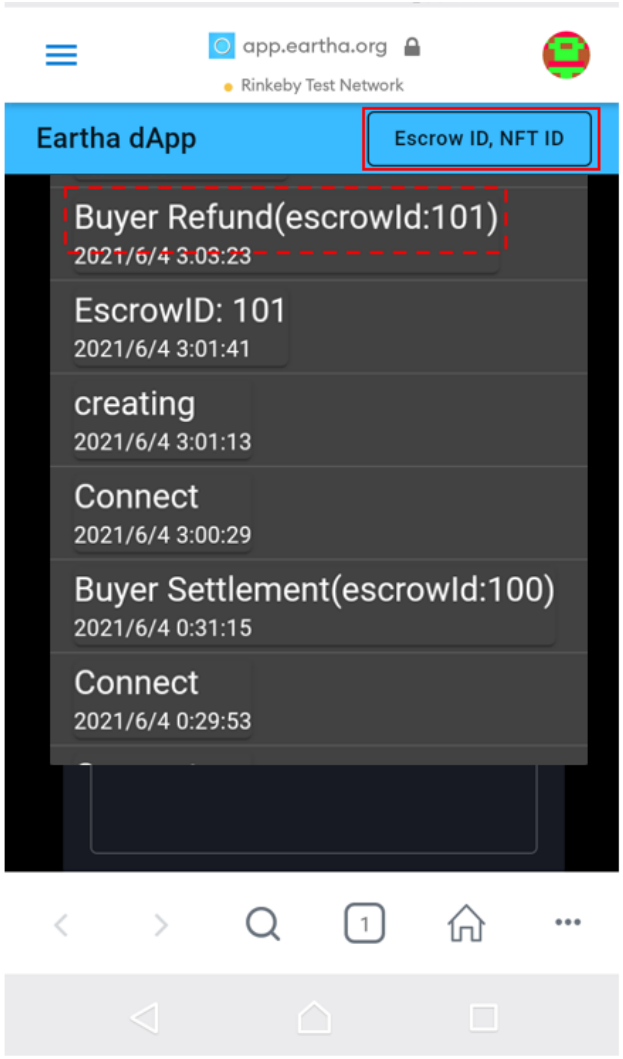
Buyer Cancellation(Refund) with Smartphone

Eartha(EAR)

Check your transaction and it’s details on Etherscan.
Etherscan allows you to see all the transactions so you can see what the cancellation is doing right now.
Make a note of the EscrowID. You can also check with POP UP.



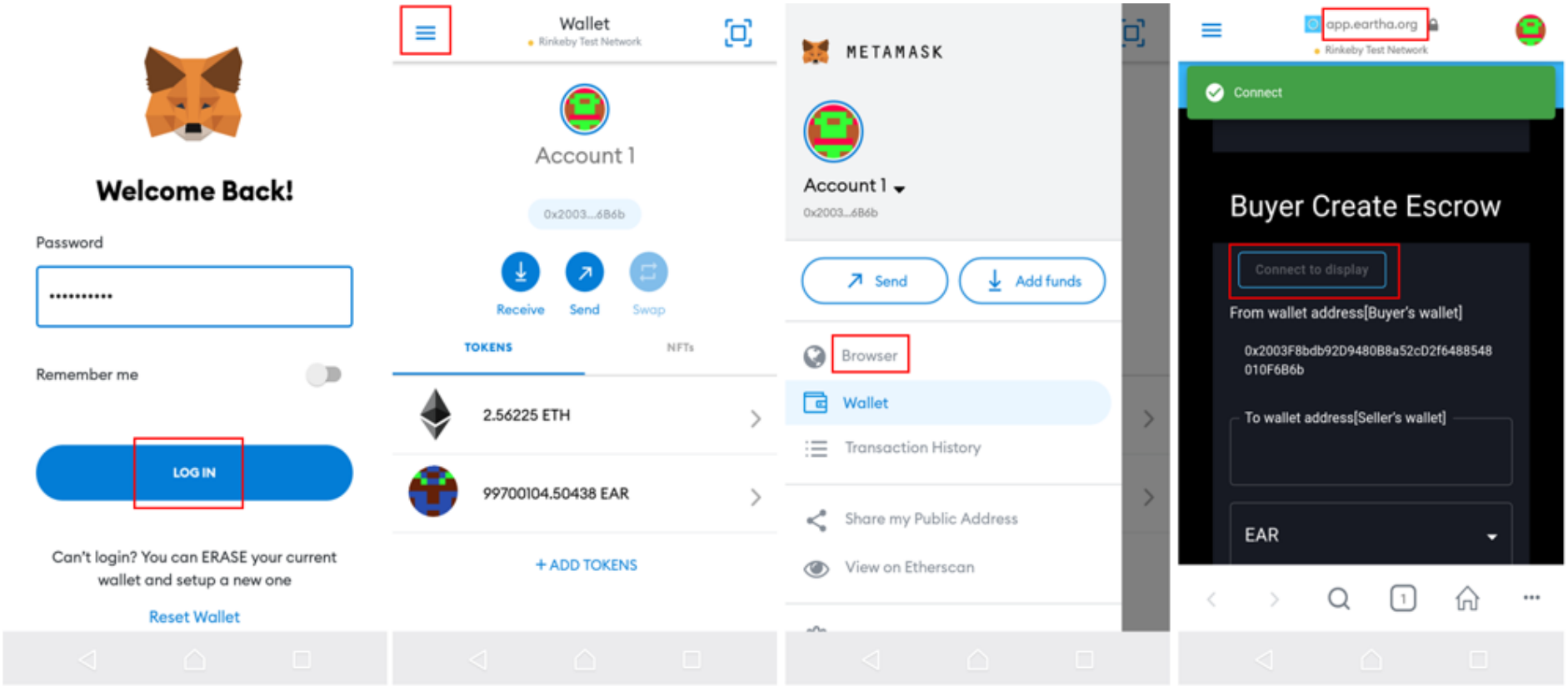




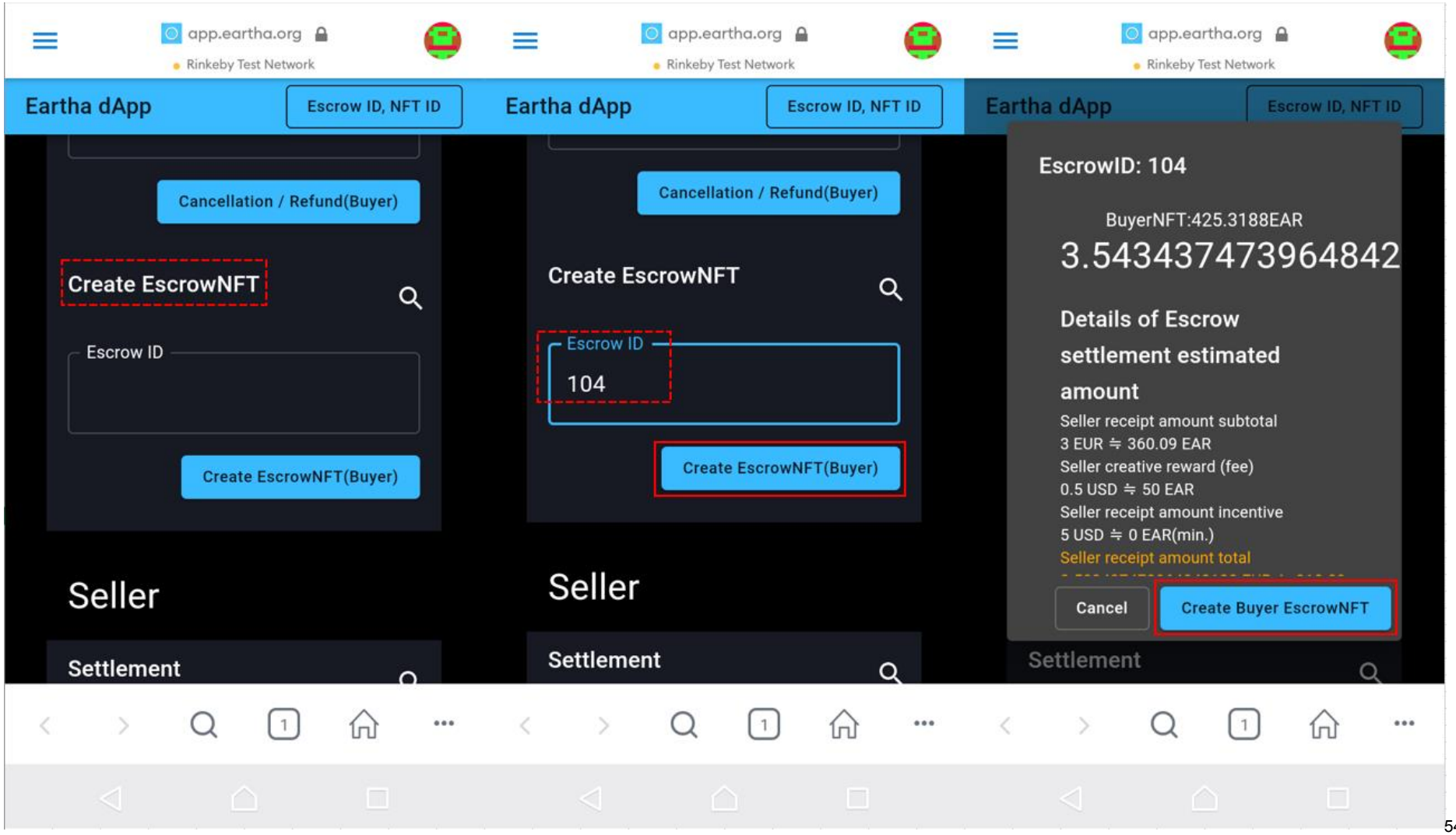
Buyer Create EscrowNFT with Smartphone

Eartha(EAR)

Download a wallet such as Metamask.
View “app.eartha.org” from your wallet browser.
Connect to your wallet.



Enter EscrowID.
Check the estimated amount and details, and click “Create Buyer EscrowNFT”.
Then your wallet is called.

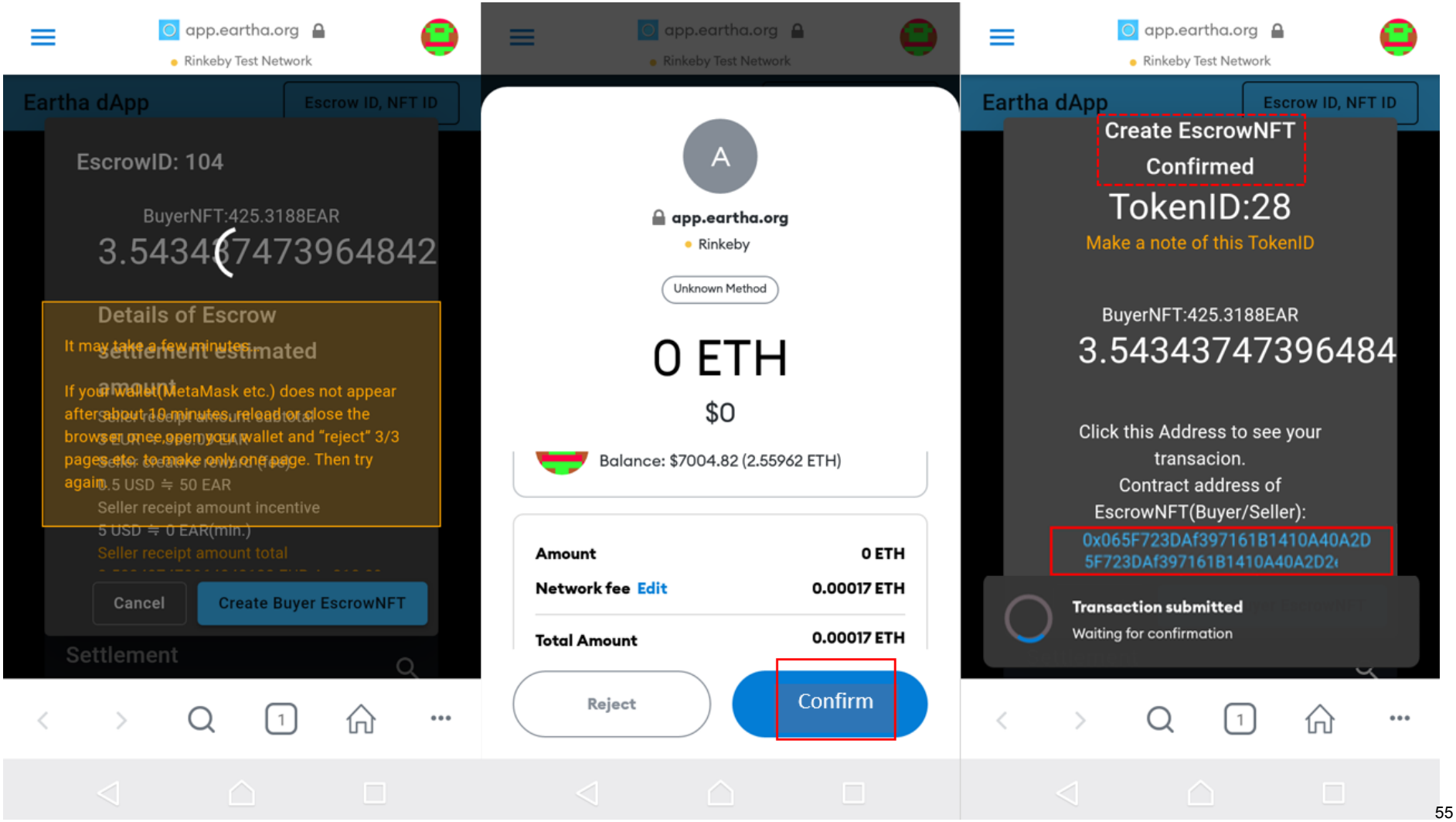


Buyer Create EscrowNFT with Smartphone

Eartha(EAR)

Check the gas fee etc. in your wallet.
Click “Confirm” to send the amount converted from fiat currency to EAR.

You will be notified by the wallet when “Buyer Create EscrowNFT” is complete.
Click the “Contract address” if you want to see if the escrow was really created.



Buyer Create EscrowNFT with Smartphone

Eartha(EAR)

Check your transaction and it’s details on Etherscan.
Etherscan allows you to see all the transactions so you can see what the cancellation is doing right now.
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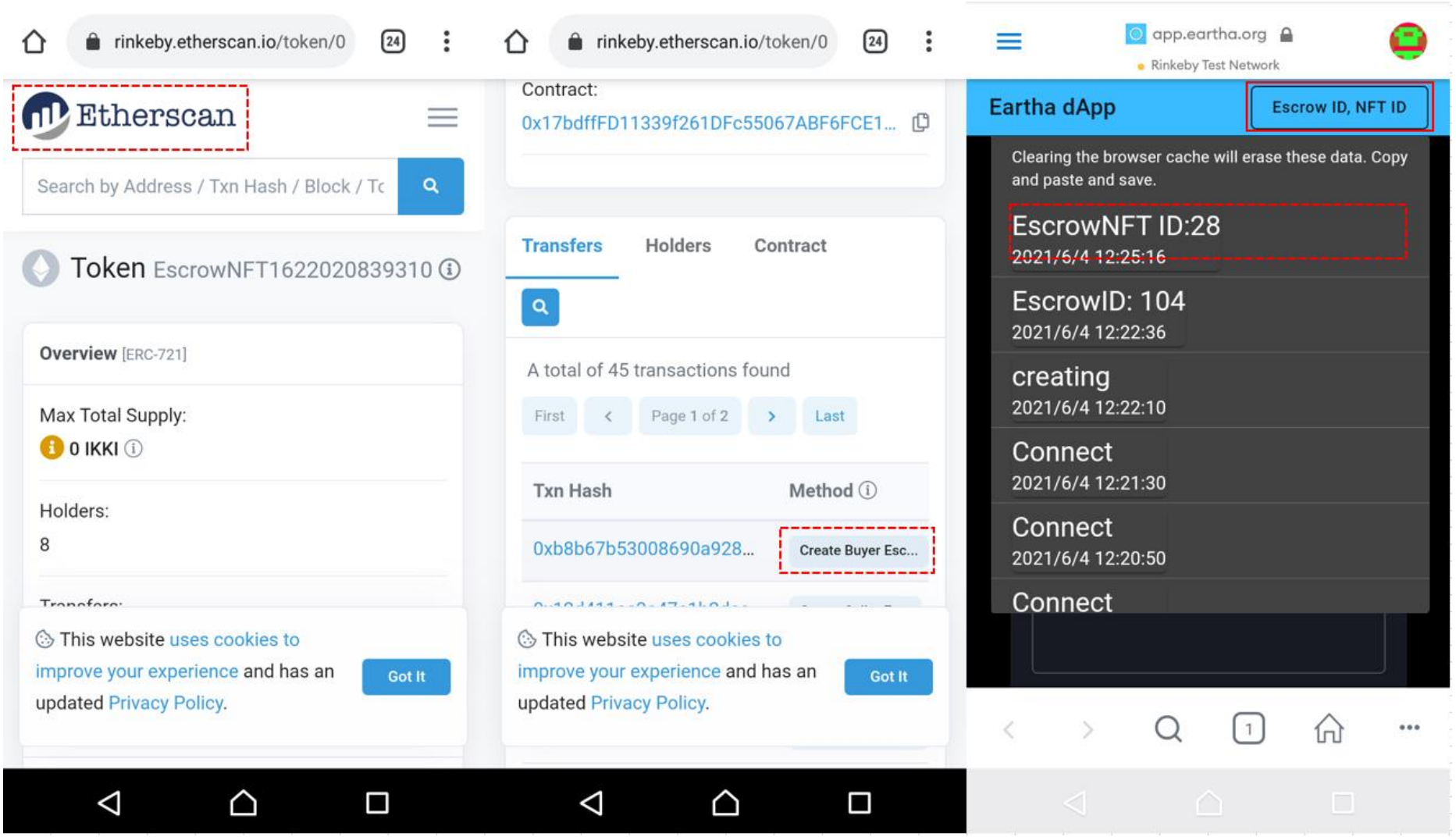

Seller Settlement with Smartphone

Eartha(EAR)

Download a wallet such as Metamask.
View “app.eartha.org” from your wallet browser.
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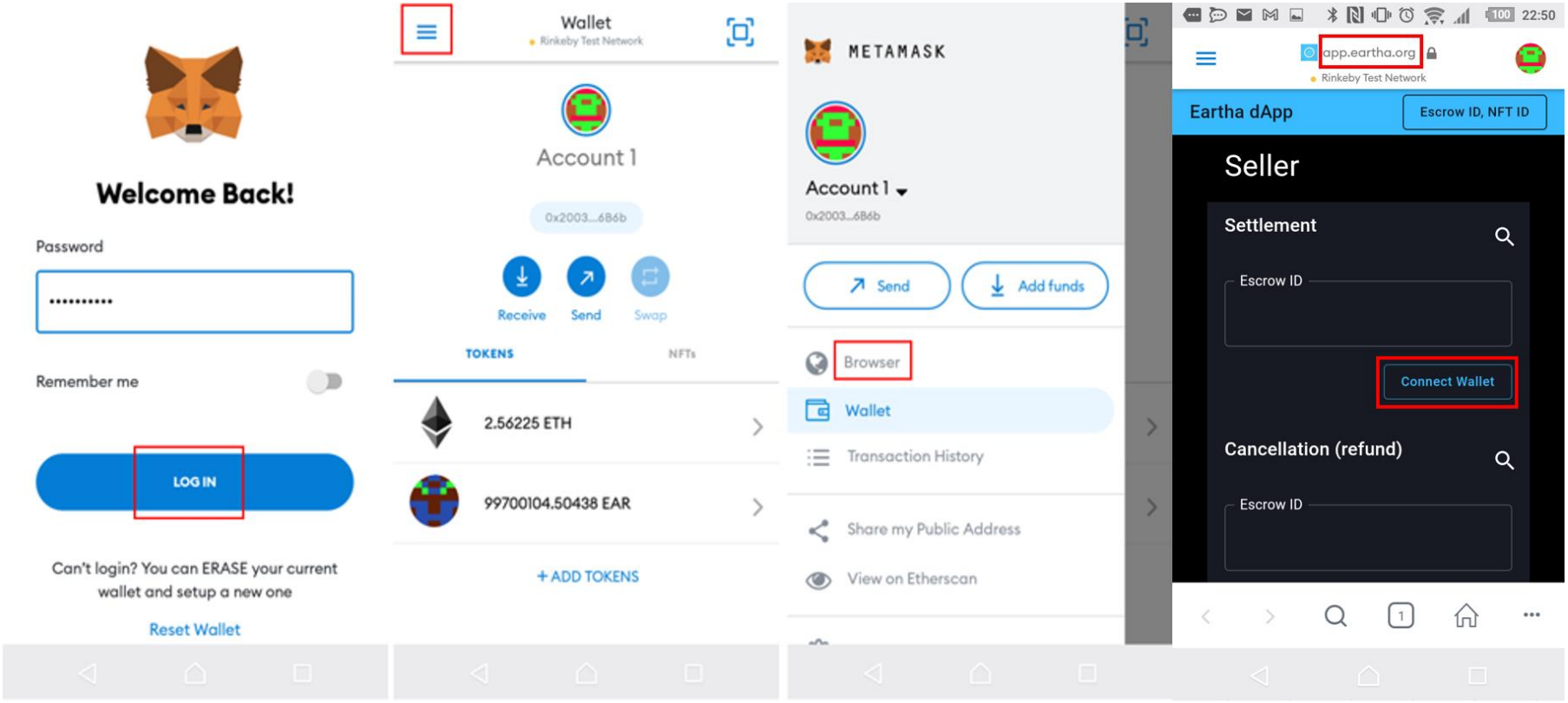
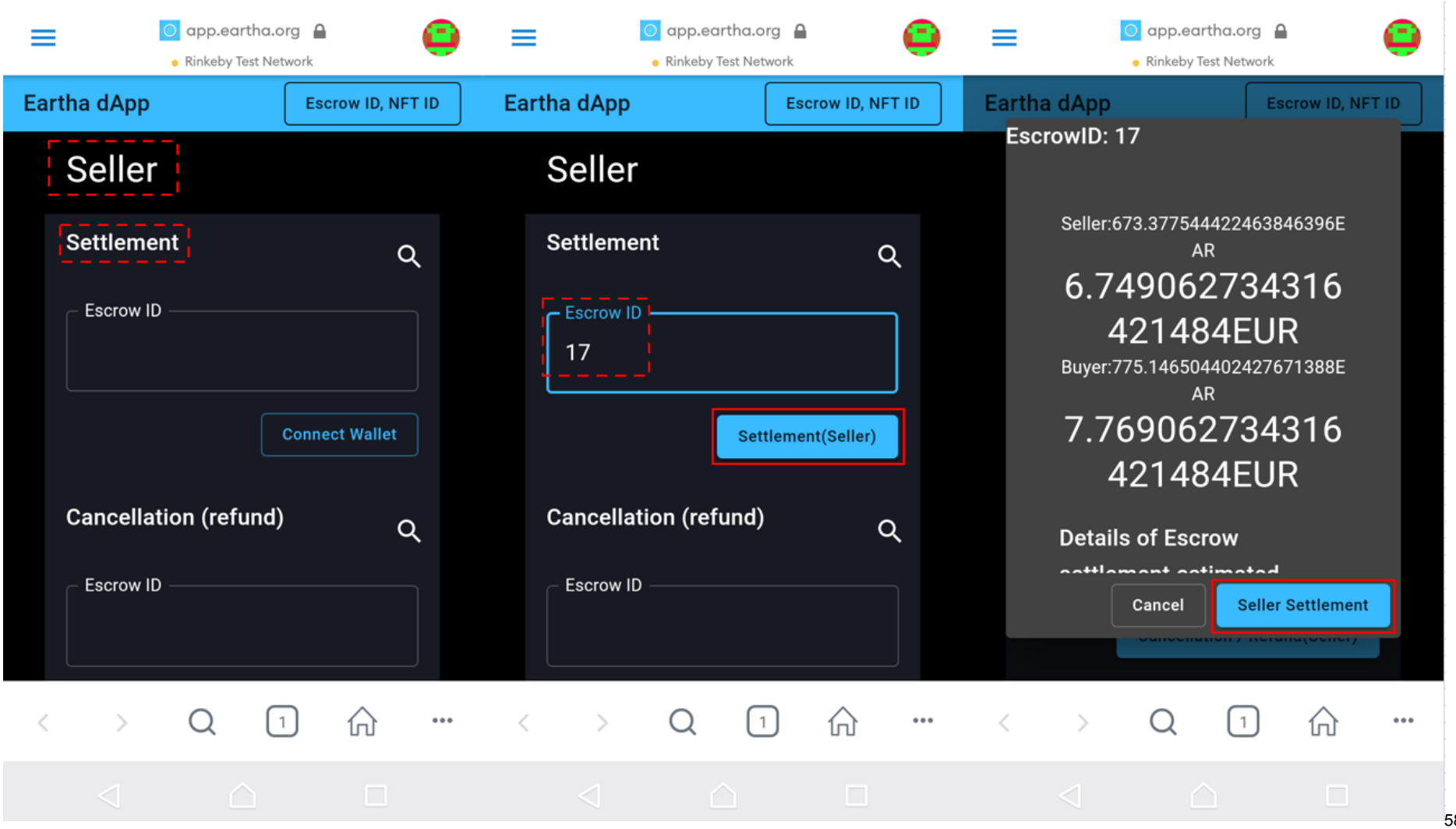


Seller Settlement with Smartphone

Eartha(EAR)

Enter EscrowID.
Check the estimated amount and details, and click “Seller Settlement”.
Then your wallet is called.



Seller Settlement with Smartphone

Eartha(EAR)

Check the gas fee etc. in your wallet.
Click “Confirm” to send the amount converted from fiat currency to EAR.

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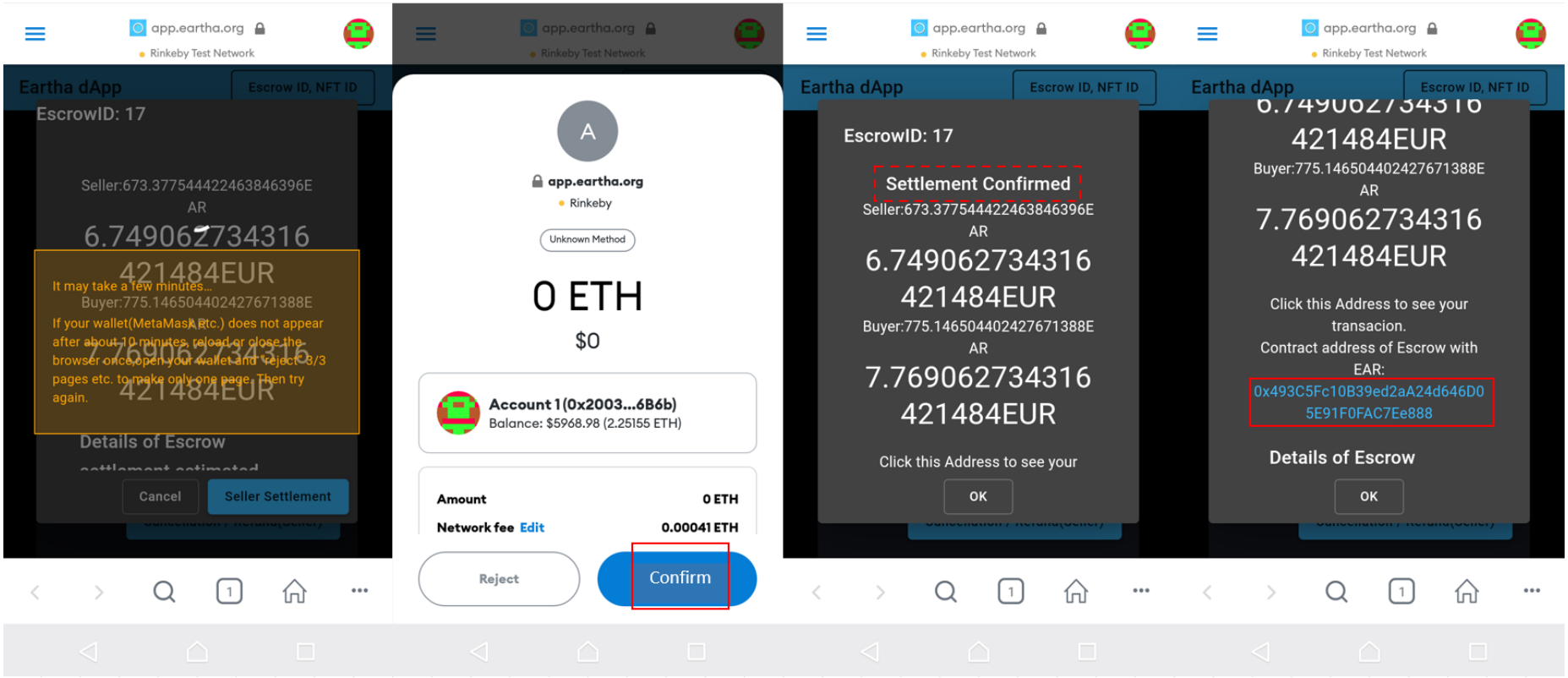
Click the “Contract address” if you want to see if the escrow was really created.



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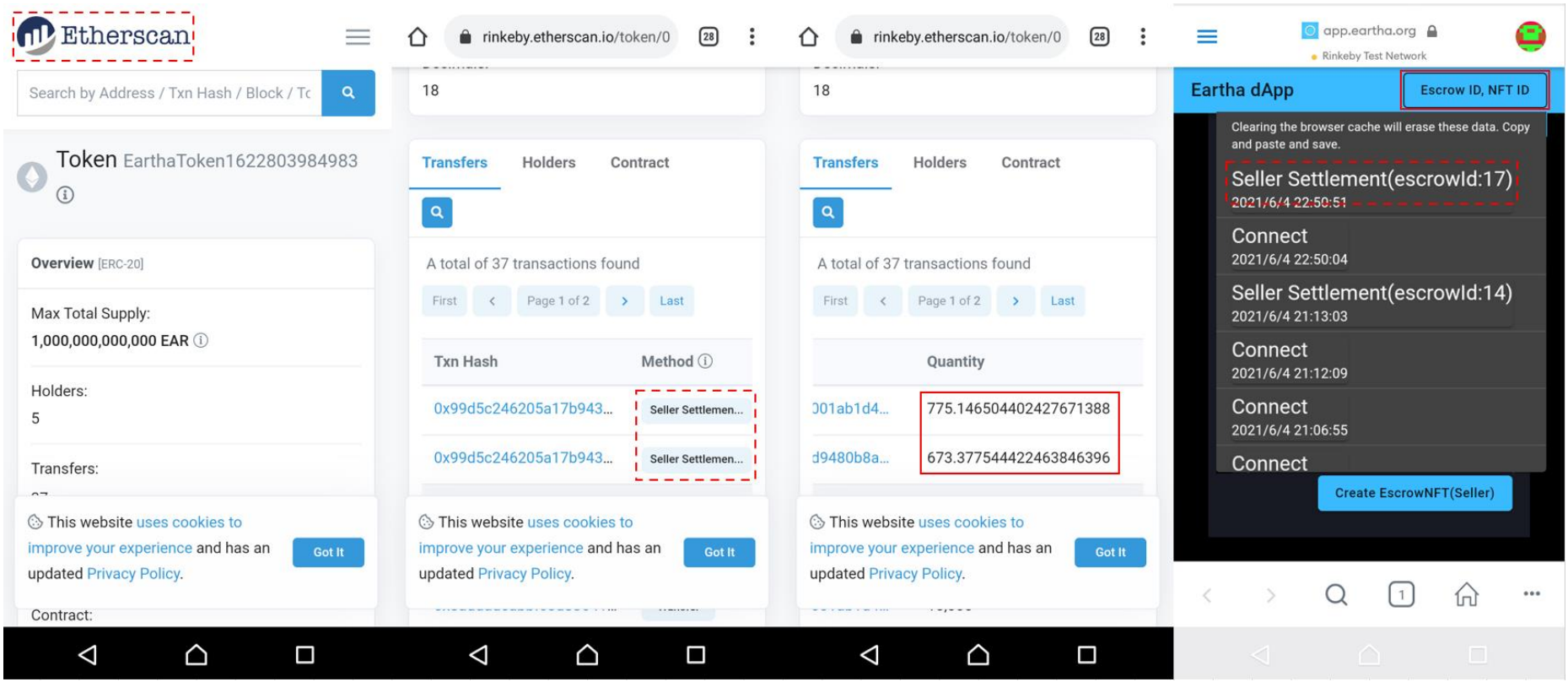

Seller Cancellation(Refund) with Smartphone

Eartha(EAR)

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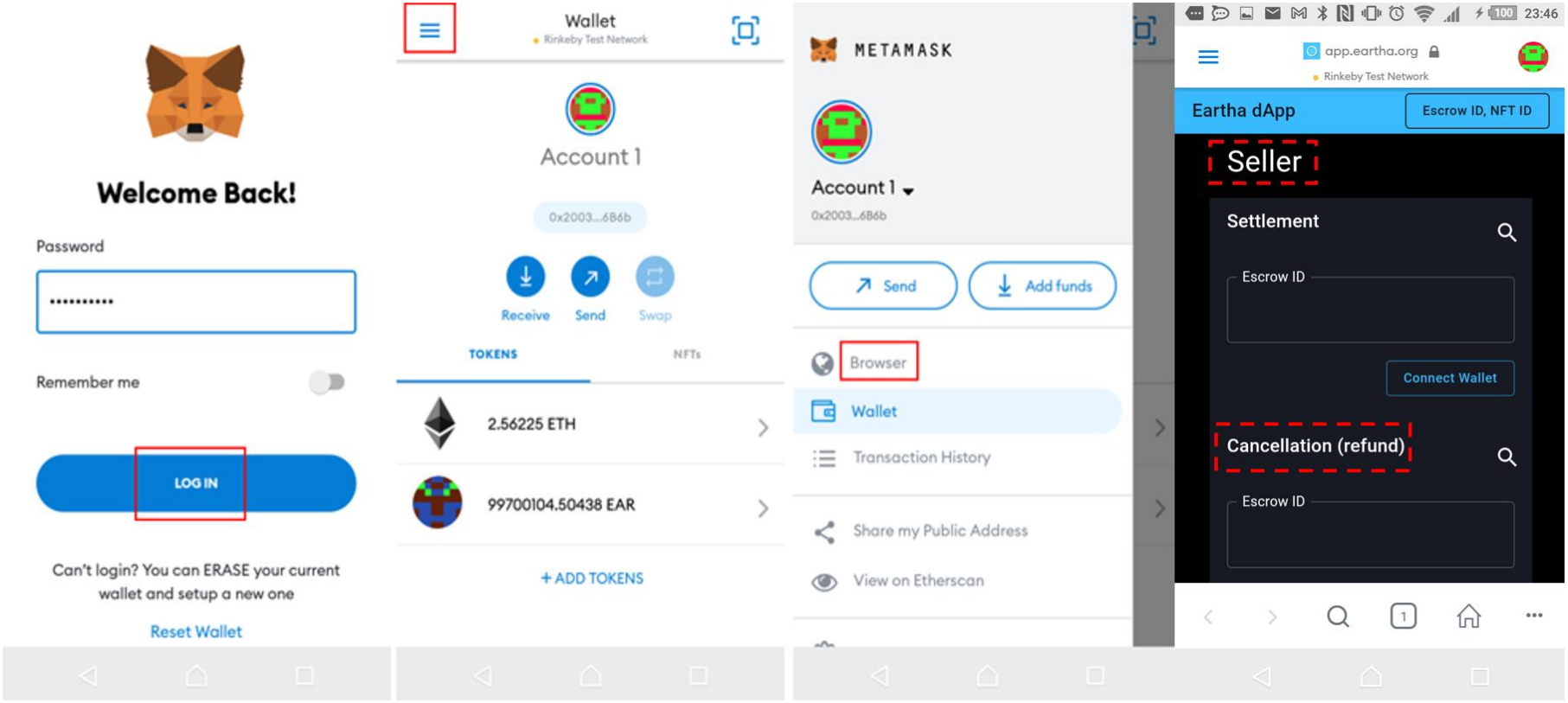
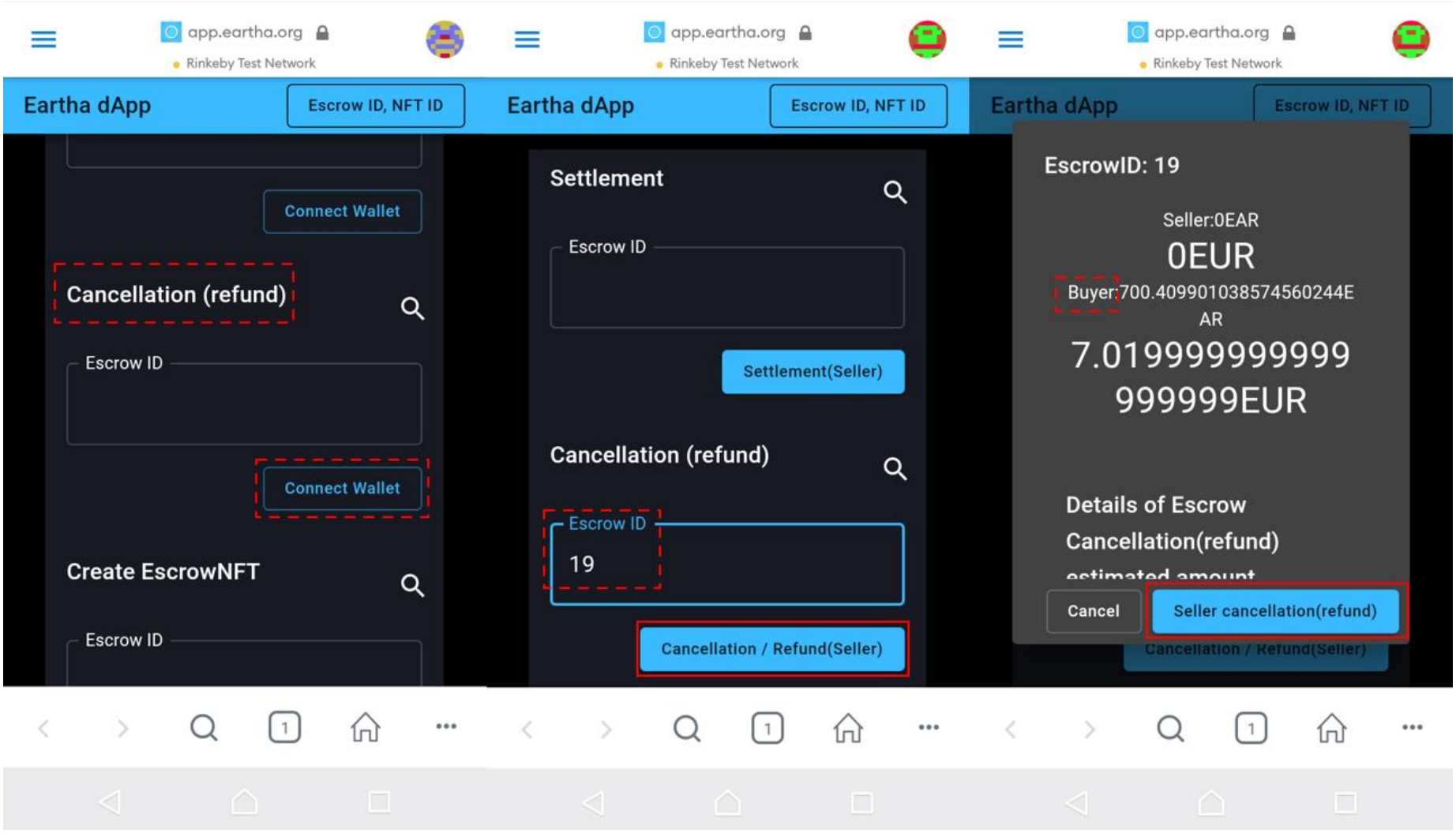


Enter EscrowID.
Check the estimated amount and details, and click “Seller Cancellation(Refund)”.
Then your wallet is called.



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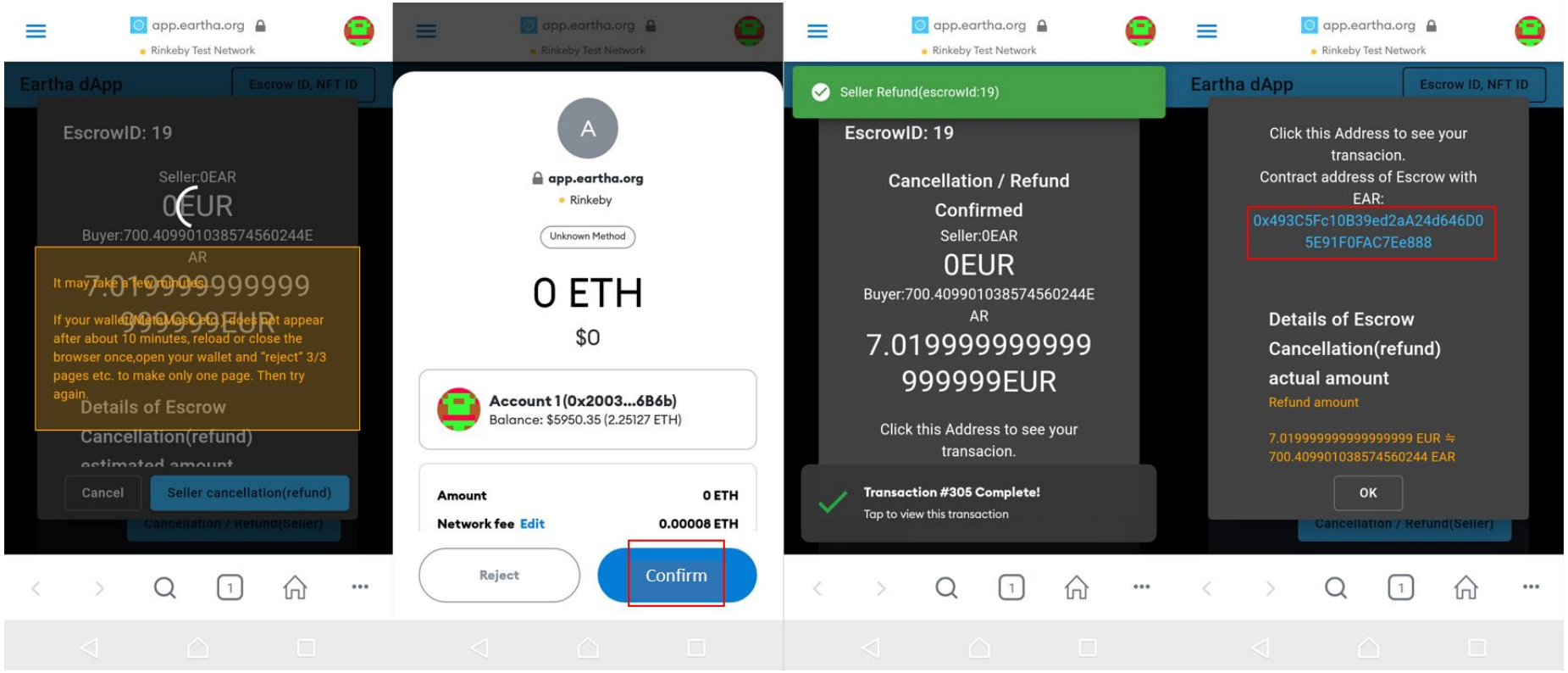

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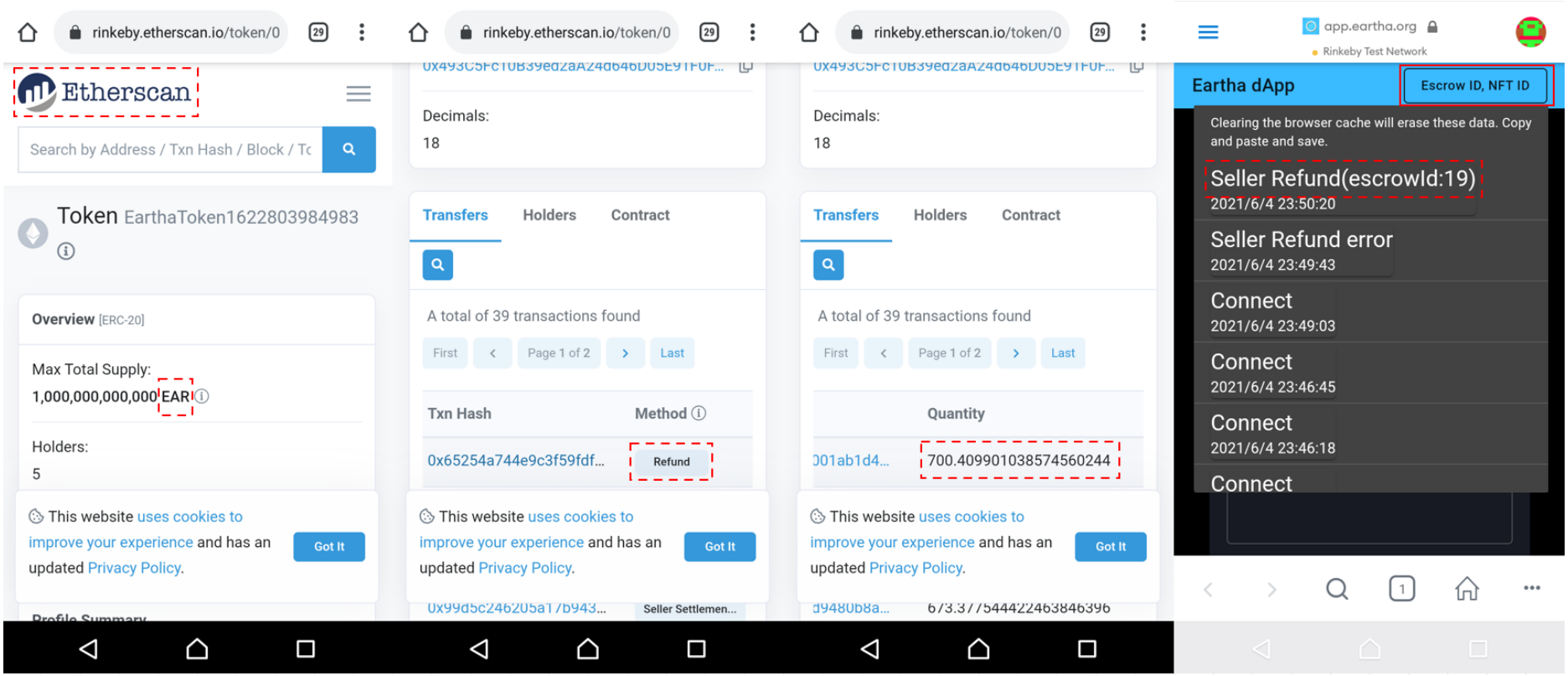

Seller Create EscrowNFT with Smartphone

Eartha(EAR)

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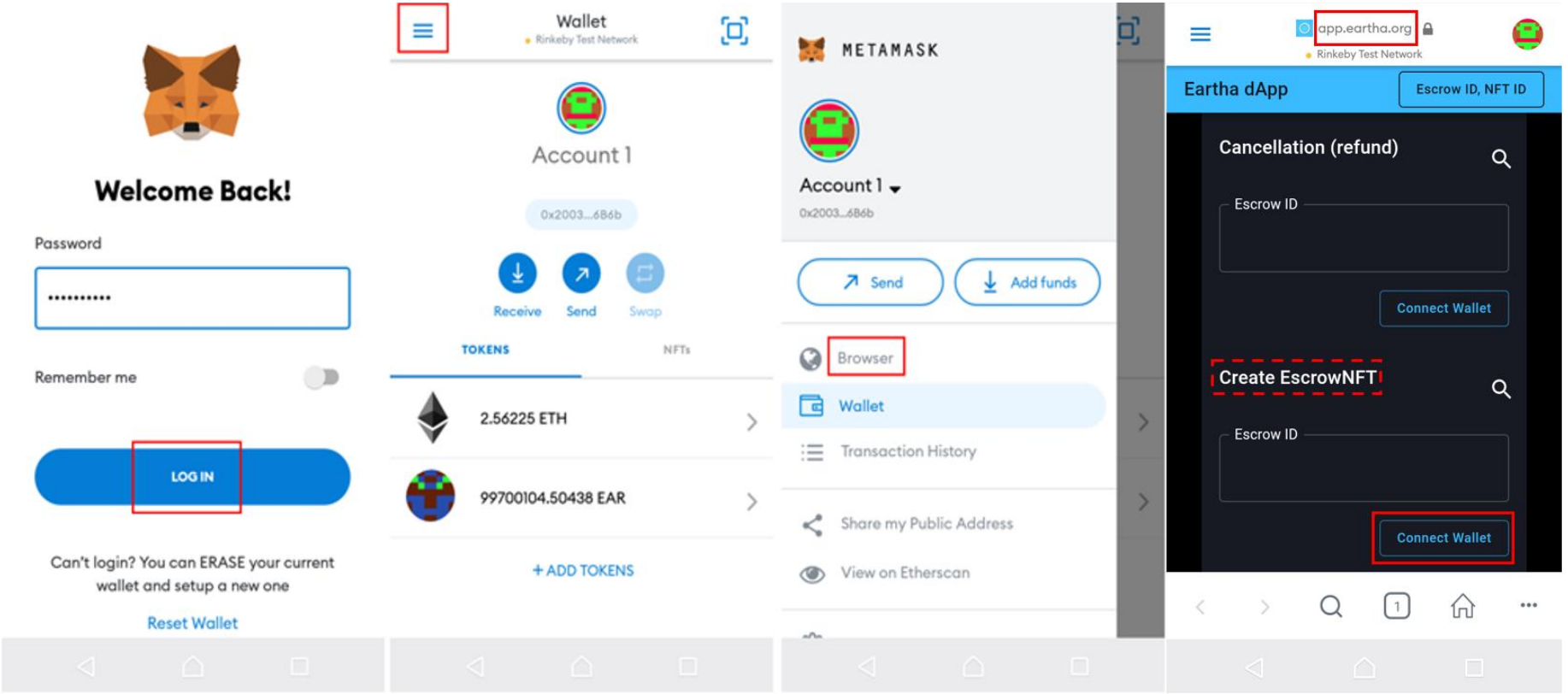

Seller Create EscrowNFT with Smartphone

Eartha(EAR)

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Check the estimated amount and details, and click “Create Seller EscrowNFT”.
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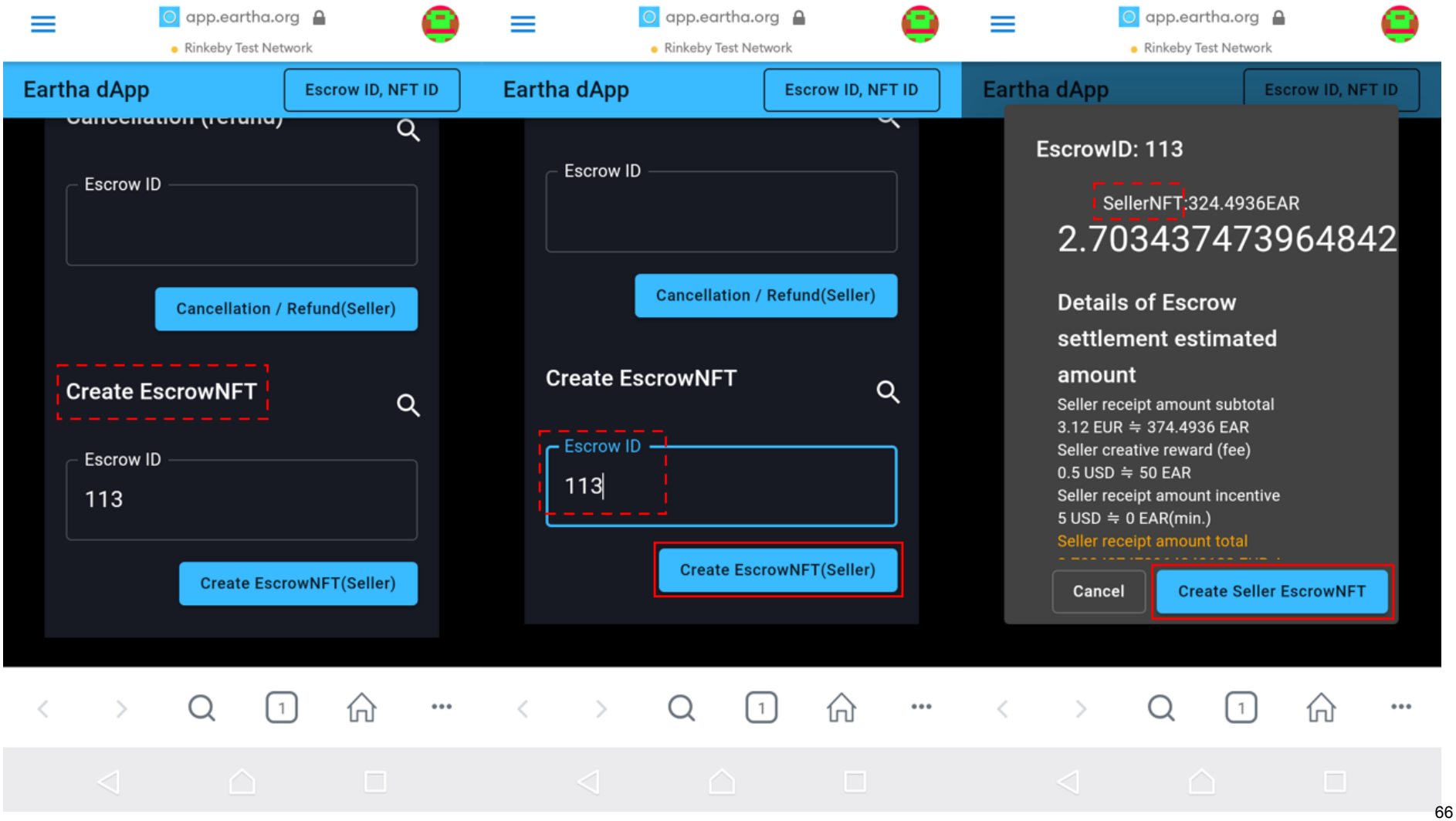

Seller Create EscrowNFT with Smartphone

Check the gas fee etc. in your wallet.
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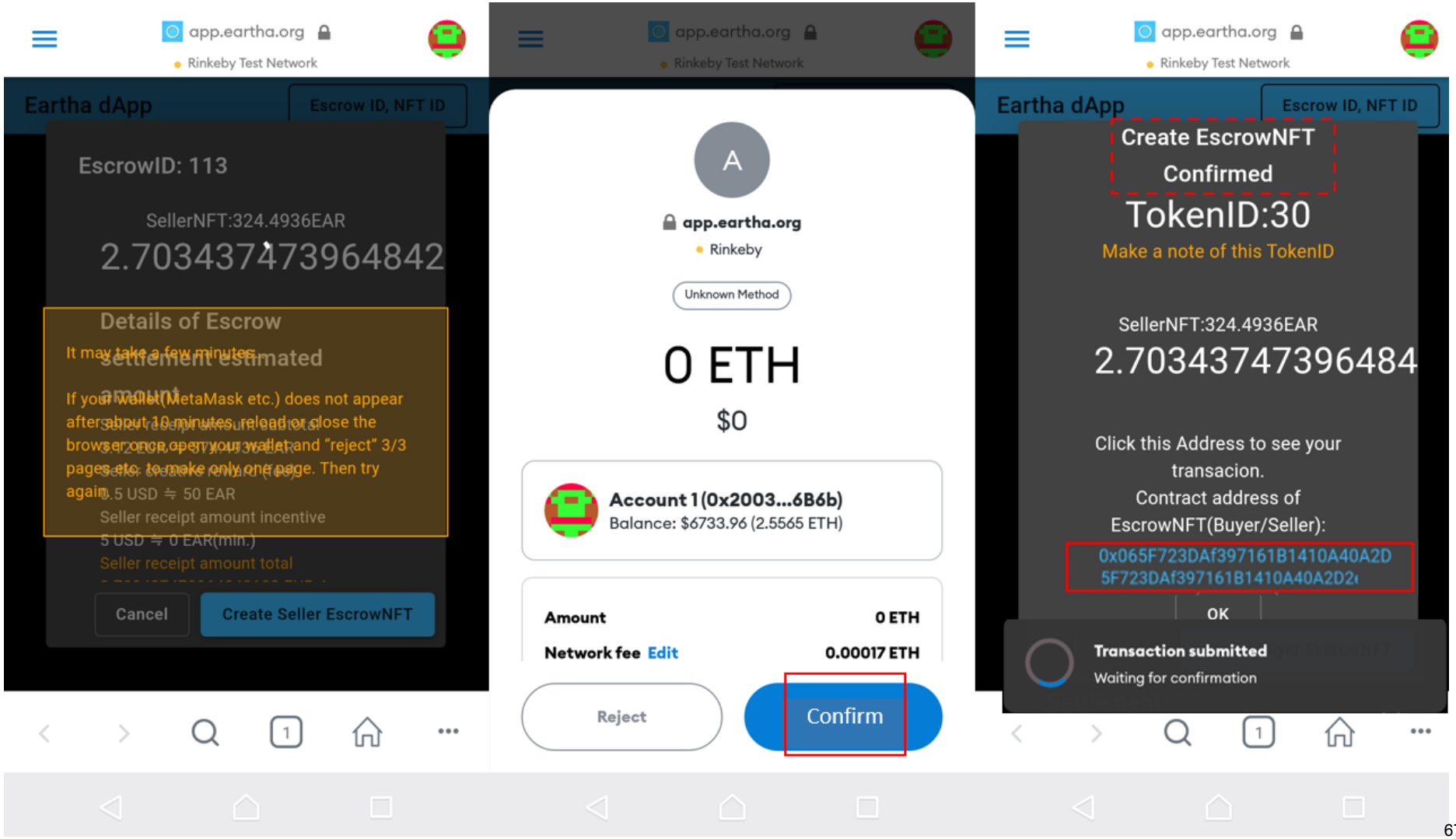
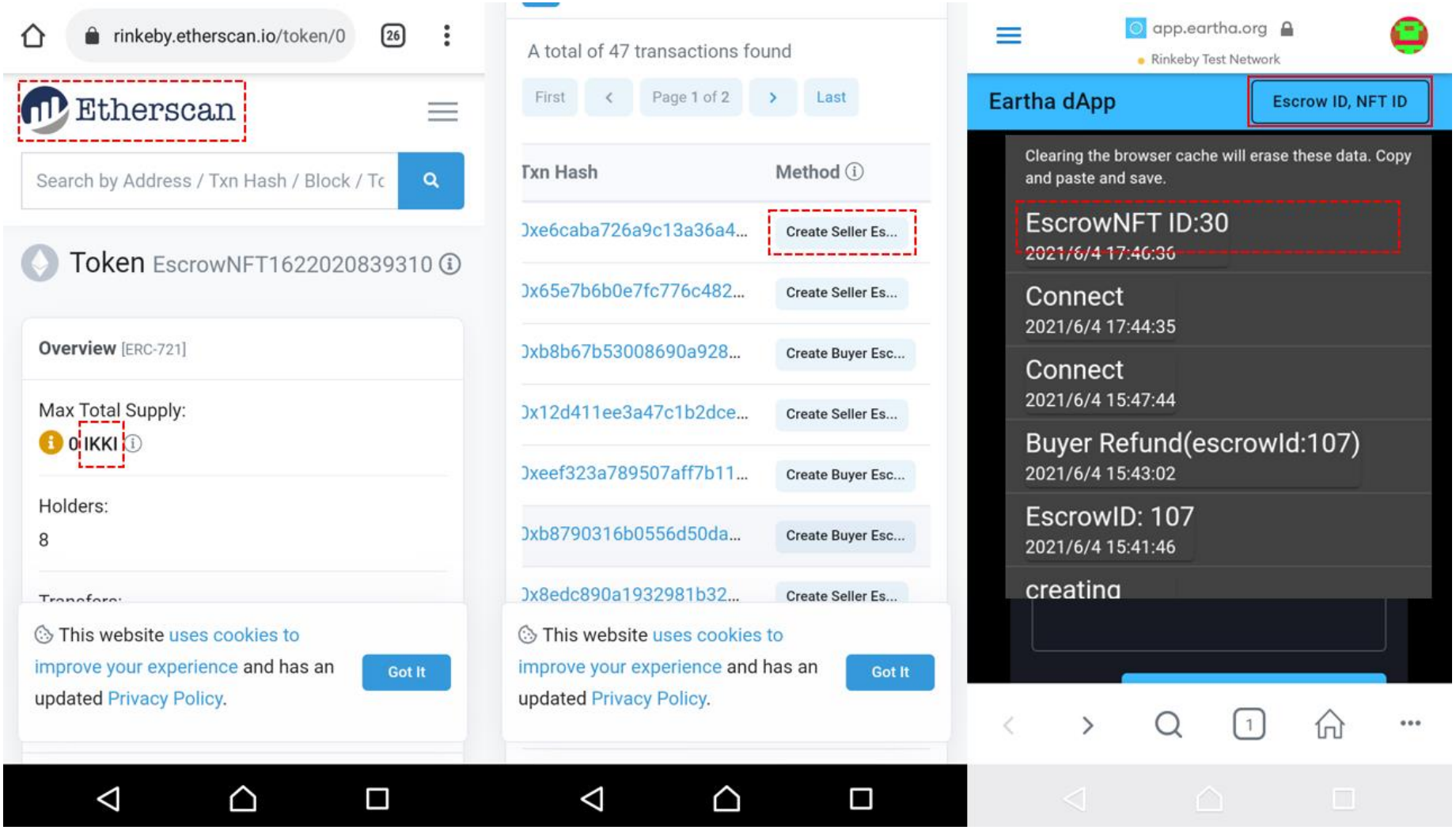
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